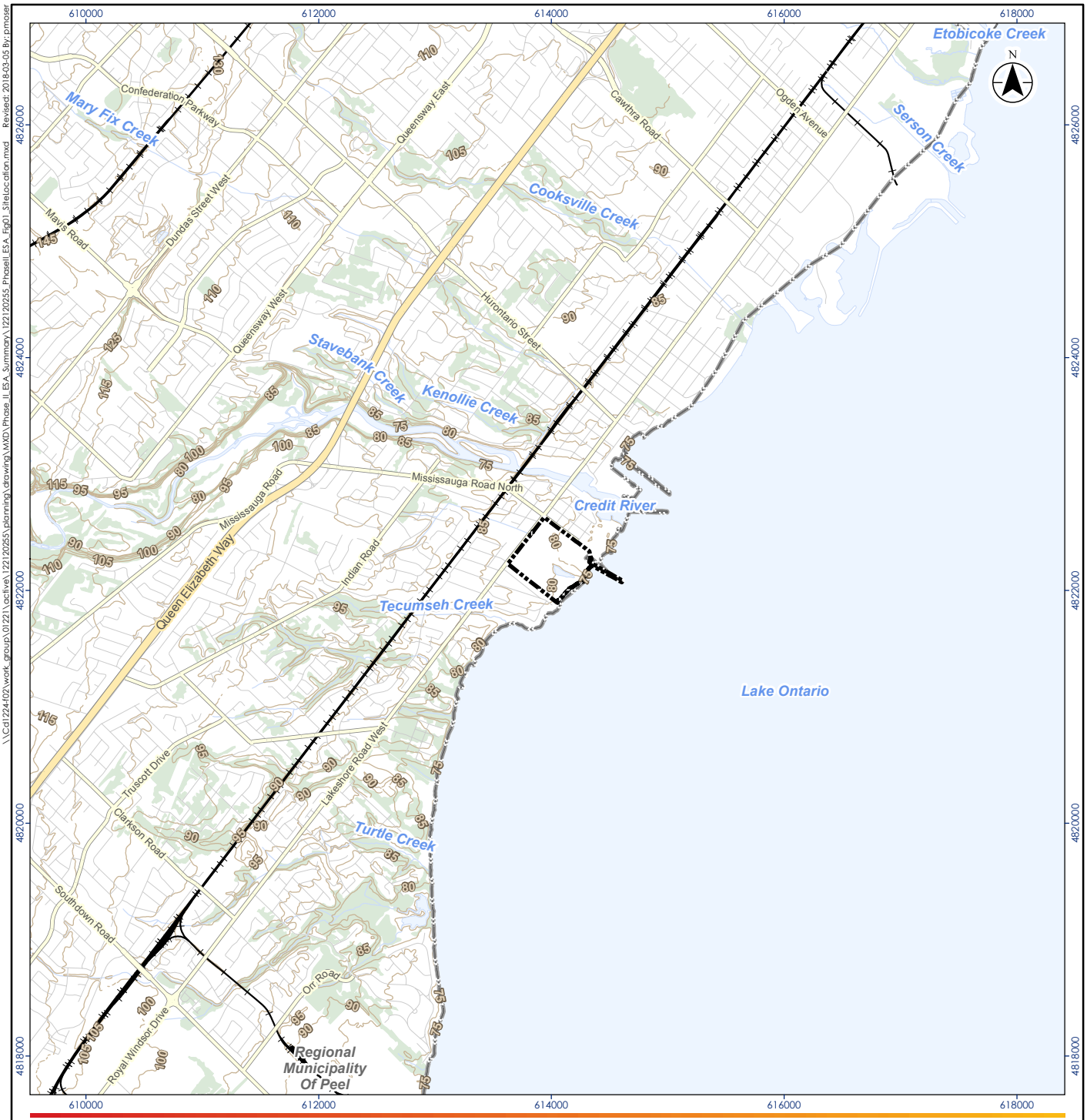
ATTACHMENT A - FIGURES
VOLUME 2





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
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- Site Boundary
- Expressway / Highway
- Major Road
- Minor Road
- Railway - Operational
- Ground Topographic Contour (m AMSL)
- Watercourse
- Waterbody
- Wooded Area
- Municipal Boundary - Lower Tier
- Municipal Boundary - Upper Tier

0 500 1,000 metres

1:50,000 (at original document size of 8.5x11)

Stantec

Project Location
70 Mississauga Road South
and 181 Lakeshore Road West
Mississauga, Ontario

122120255
Prepared by KJ on 3/5/2018

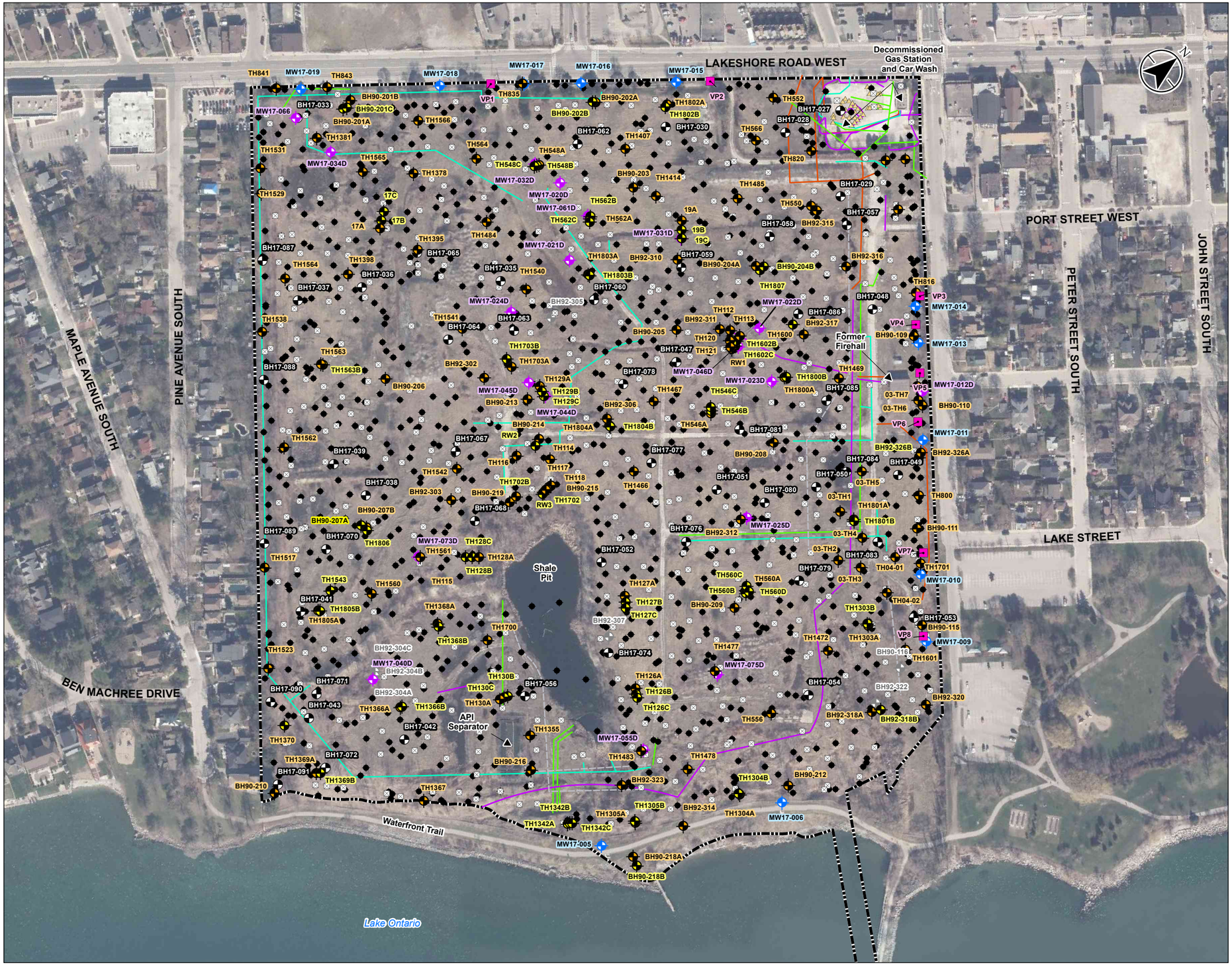
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
1

Title
Site Location

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Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. Utilities are based on drawings by Exp Energy Services Inc dated May 2015 and January 2017. Utilities are underground unless otherwise noted. Locates of utilities are approximate.

Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

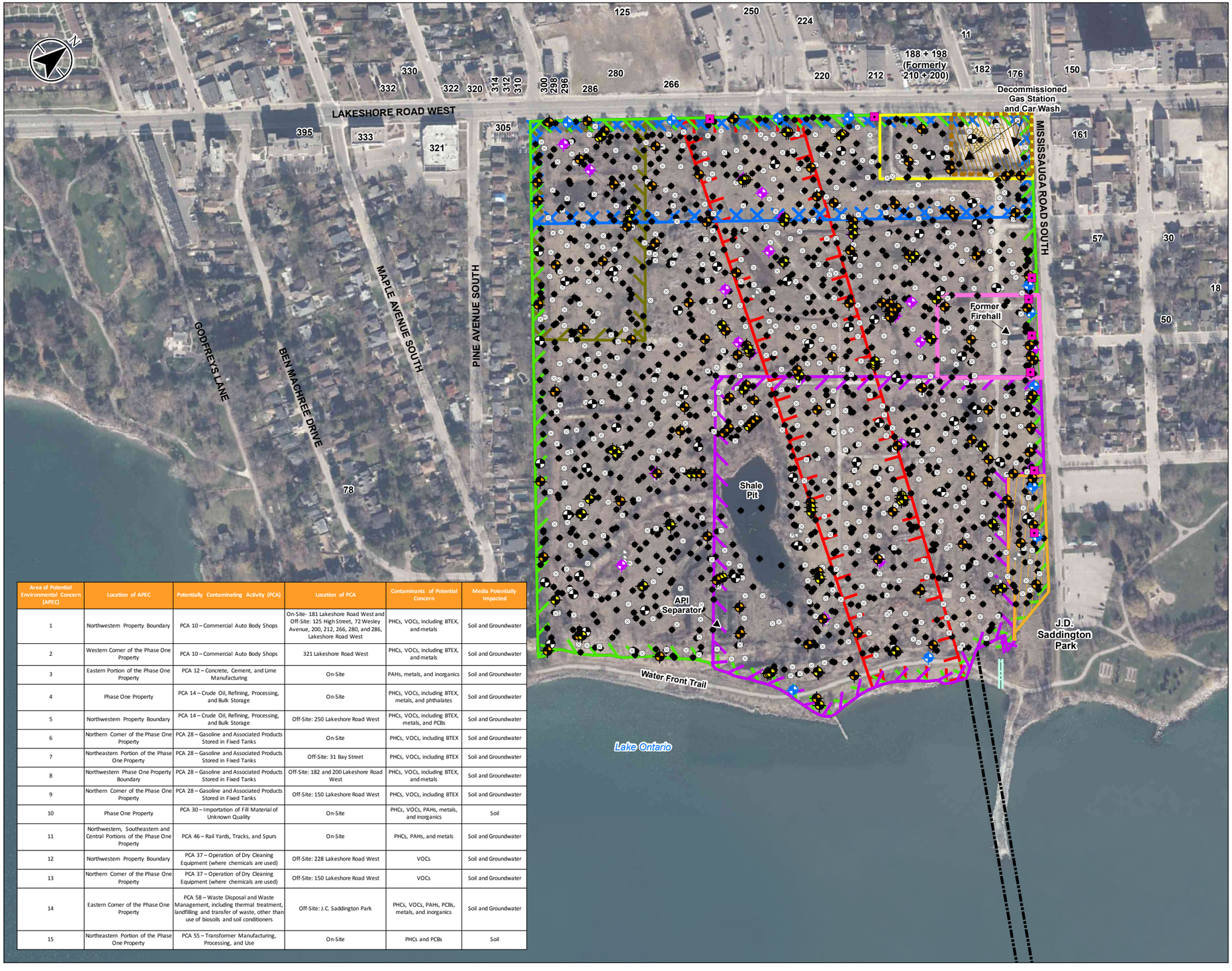
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
2

Title
Site Plan

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Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
1	Northwestern Property Boundary	PCA 10 – Commercial Auto Body Shops	On-Site- 181 Lakeshore Road West and Off-Site: 125 High Street, 72 Wesley Avenue, 200, 212, 266, 280, and 286, Lakeshore Road West	PHCs, VOCs, including BTEX, and metals	Soil and Groundwater
2	Western Corner of the Phase One Property	PCA 10 – Commercial Auto Body Shops	321 Lakeshore Road West	PHCs, VOCs, including BTEX, and metals	Soil and Groundwater
3	Eastern Portion of the Phase One Property	PCA 12 – Concrete, Cement, and Lime Manufacturing	On-Site	PAHs, metals, and inorganics	Soil and Groundwater
4	Phase One Property	PCA 14 – Crude Oil, Refining, Processing, and Bulk Storage	On-Site	PHCs, VOCs, including BTEX, metals, and phthalates	Soil and Groundwater
5	Northwestern Property Boundary	PCA 14 – Crude Oil, Refining, Processing, and Bulk Storage	Off-Site: 250 Lakeshore Road West	PHCs, VOCs, including BTEX, metals, and PCBs	Soil and Groundwater
6	Northern Corner of the Phase One Property	PCA 28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	PHCs, VOCs, including BTEX	Soil and Groundwater
7	Northeastern Portion of the Phase One Property	PCA 28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site: 31 Bay Street	PHCs, VOCs, including BTEX	Soil and Groundwater
8	Northwestern Phase One Property Boundary	PCA 28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site: 182 and 200 Lakeshore Road West	PHCs, VOCs, including BTEX, and metals	Soil and Groundwater
9	Northern Corner of the Phase One Property	PCA 28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site: 150 Lakeshore Road West	PHCs, VOCs, including BTEX	Soil and Groundwater
10	Phase One Property	PCA 30 – Importation of Fill Material of Unknown Quality	On-Site	PHCs, VOCs, PAHs, metals, and inorganics	Soil
11	Northwestern, Southeastern and Central Portions of the Phase One Property	PCA 46 – Rail Yards, Tracks, and Spurs	On-Site	PHCs, PAHs, and metals	Soil and Groundwater
12	Northwestern Property Boundary	PCA 37 – Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site: 228 Lakeshore Road West	VOCs	Soil and Groundwater
13	Northern Corner of the Phase One Property	PCA 37 – Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site: 150 Lakeshore Road West	VOCs	Soil and Groundwater
14	Eastern Corner of the Phase One Property	PCA 58 – Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils and soil conditioners	Off-Site: J.C. Saddington Park	PHCs, VOCs, PAHs, PCBs, metals, and inorganics	Soil and Groundwater
15	Northeastern Portion of the Phase One Property	PCA 55 – Transformer Manufacturing, Processing, and Use	On-Site	PHCs and PCBs	Soil

Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- 30 m from shore of Lake Ontario
- APEC 2
- APEC 3
- APEC 4 and 10
- APEC 1, 5 and 8
- APEC 6, 9 and 13
- APEC 11
- APEC 12
- APEC 14
- APEC 7 and 15

0 75 150 metres

1:4,000 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. APEC - Area of potential environmental concern
6. Refer to figures 4b to 4e for monitoring location ID's.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-01
Technical Review by NM on 2018-03-01

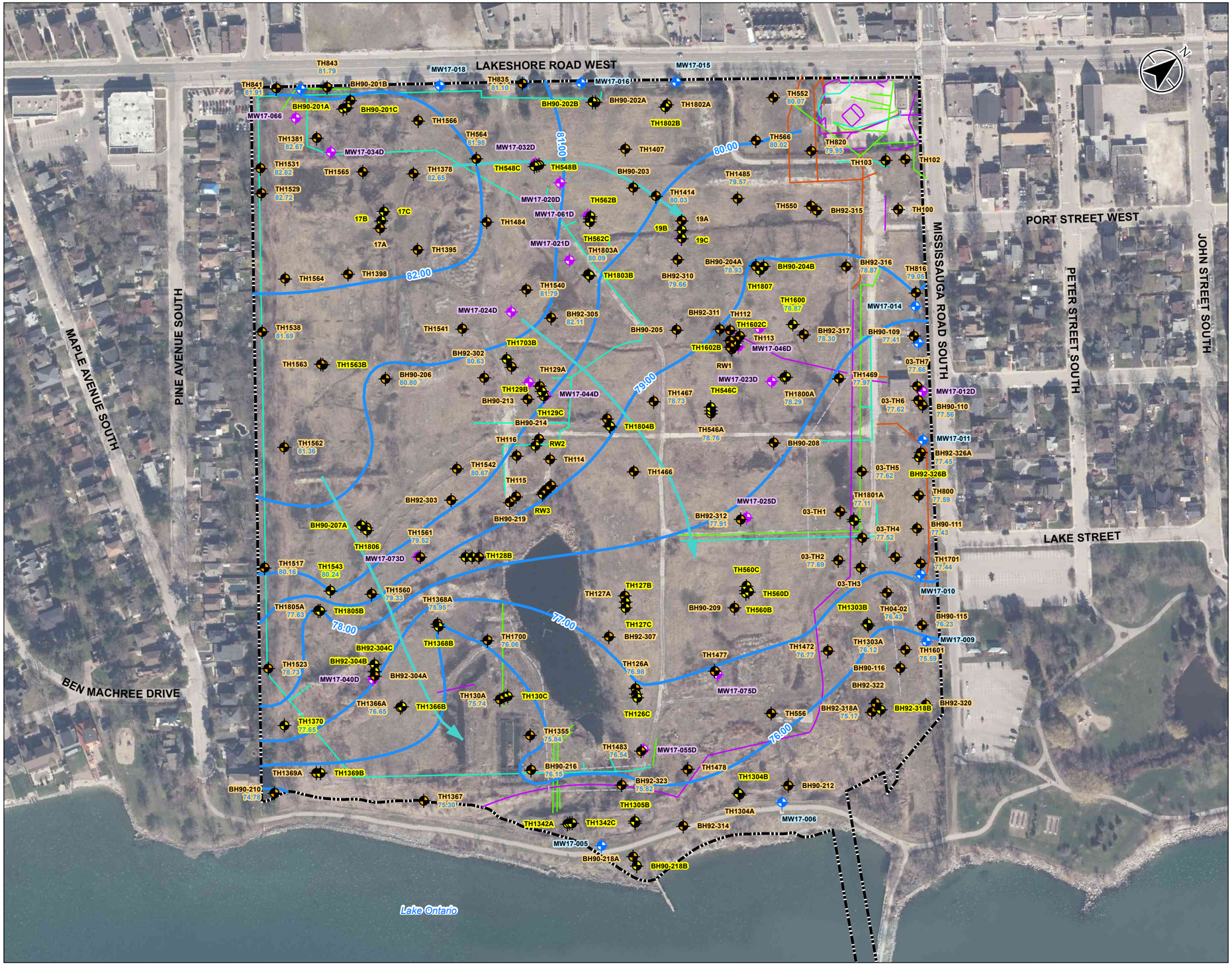
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
2a

Title
Site Plan with Areas of Potential Environmental Concern

\\Cd1220-f01\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig02a_SitePlan_with_APECs.mxd Revised: 2018-03-01 By: jamosier

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Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown
- Groundwater Contour (m AMSL)
- Inferred Direction of Groundwater Flow
- 77.62 Groundwater Elevation (m AMSL)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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5. Utilities are based on drawings by Exp Energy Services Inc dated May 2015 and January 2017. Utilities are underground unless otherwise noted. Locates of utilities are approximate.
6. m AMSL - meters above mean sea level



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

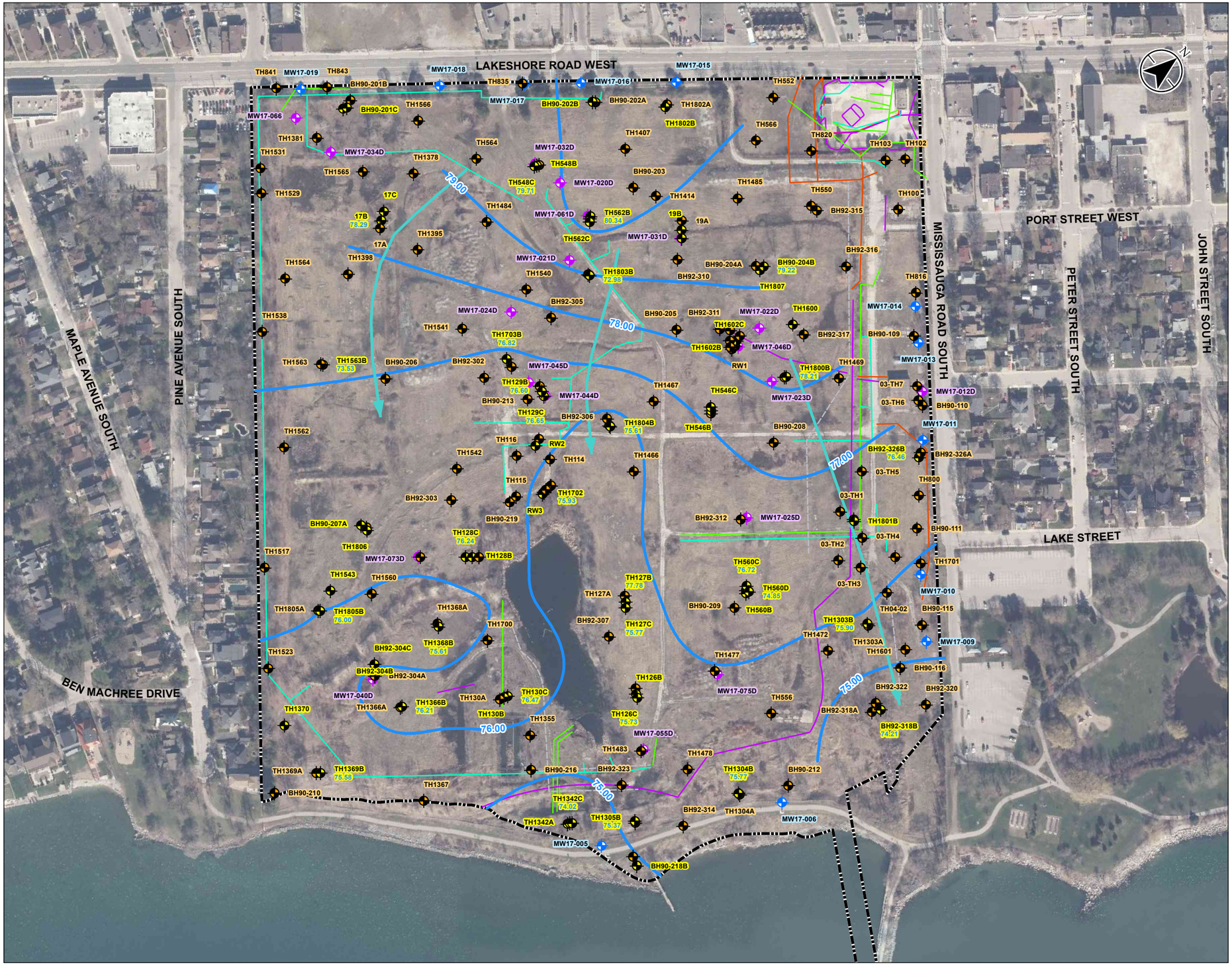
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
3a

Title
Groundwater Elevations in Overburden and Inferred Direction of Flow - March 2015

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\\CA1224-f02\work_group\01221\active\122120255\planning\drawing\WDD_Phase_II ESA_Summary\122120255 Phase II ESA Fig3a Groundwater Flow Overburden March2015.mxd Revised: 2018-03-08 By: kmoser



Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown
- Groundwater Contour (m AMSL)
- Inferred Direction of Groundwater Flow
- 77.62 Groundwater Elevation (m AMSL)

0 75 150 metres
1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. Utilities are based on drawings by Exp Energy Services Inc dated May 2015 and January 2017. Utilities are underground unless otherwise noted. Locates of utilities are approximate.
6. m AMSL - meters above mean sea level



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

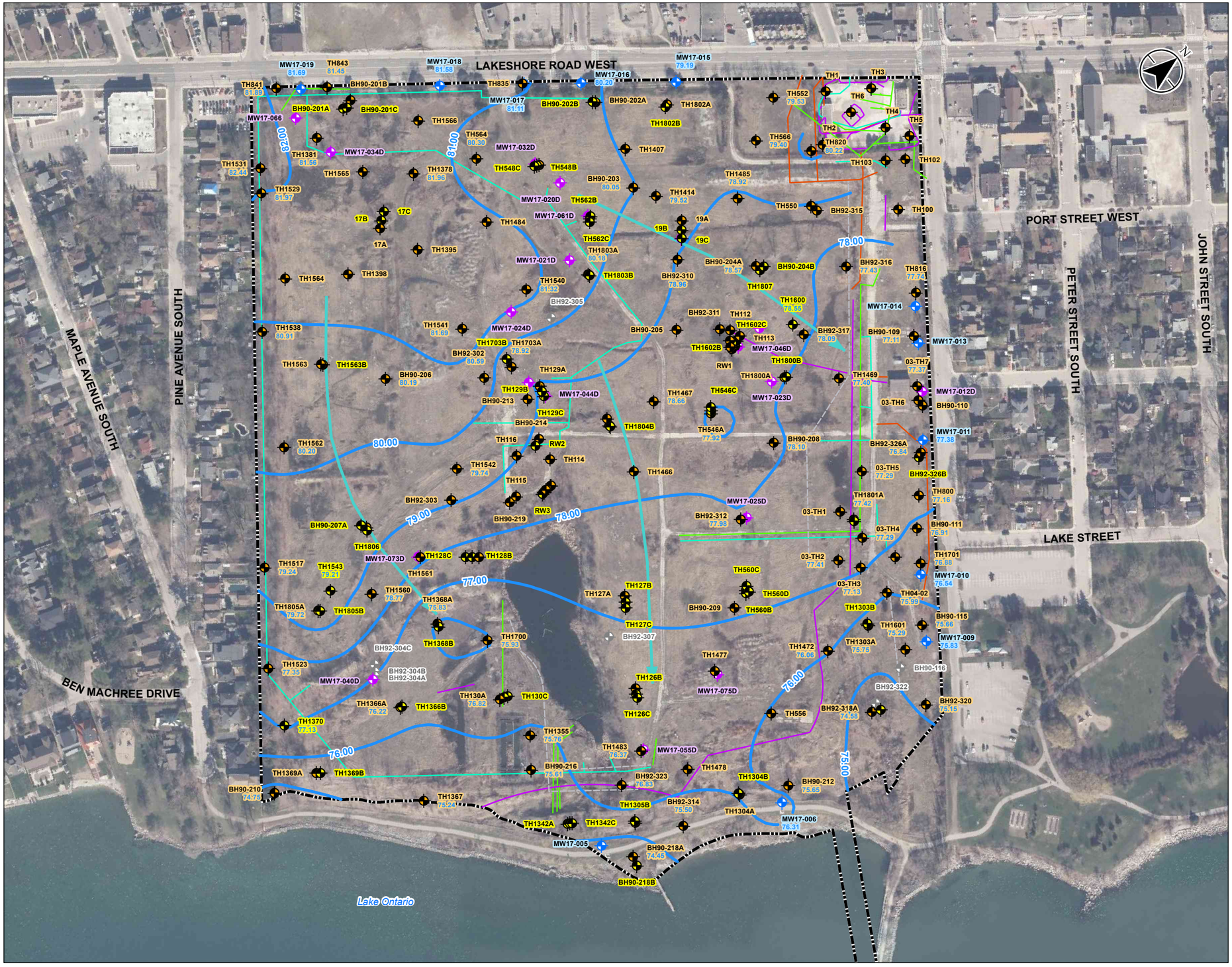
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
3b

Title
Groundwater Elevations in Bedrock and Inferred Direction of Flow - March 2015

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\\Cd1220-f02\work_group\01221\active\122120255\planning\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig03b Groundwater Flow Bedrock Mar2015.mxd Revised: 2018-03-08 By: pmoser



Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown
- Groundwater Contour (m AMSL)
- Inferred Direction of Groundwater Flow
- 7762 Groundwater Elevation (m AMSL)

0 75 150 metres
1:3,000 (At original document size of 11x17)

Notes

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5. Utilities are based on drawings by Exp Energy Services Inc dated May 2015 and January 2017. Utilities are underground unless otherwise noted. Locates of utilities are approximate.
6. m AMSL - meters above mean sea level



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

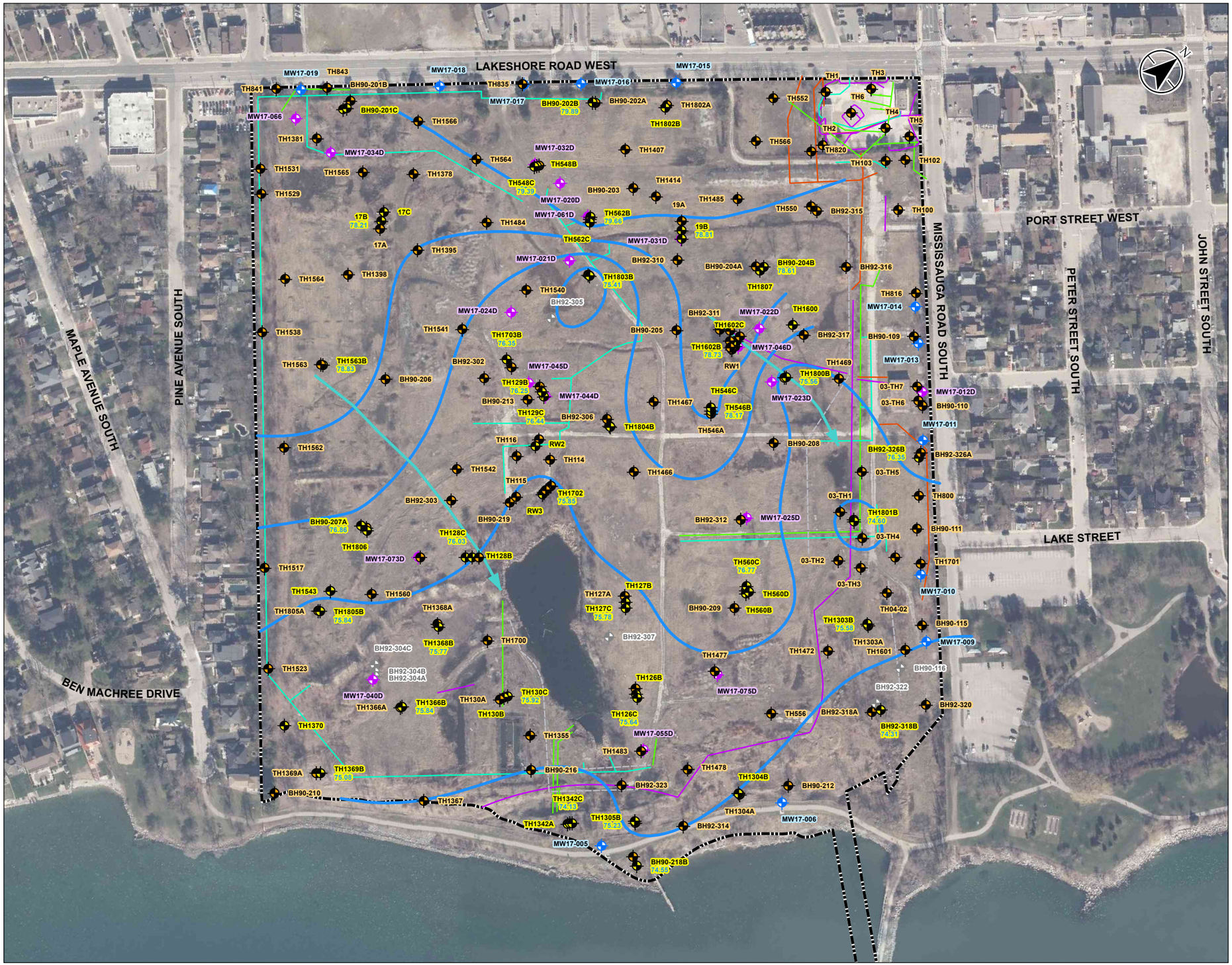
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
3c

Title
Groundwater Elevations in Overburden and Inferred Direction of Flow - January 2017

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Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown
- Groundwater Contour (m AMSL)
- Inferred Direction of Groundwater Flow
- 7762 Groundwater Elevation (m AMSL)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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6. m AMSL - meters above mean sea level



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

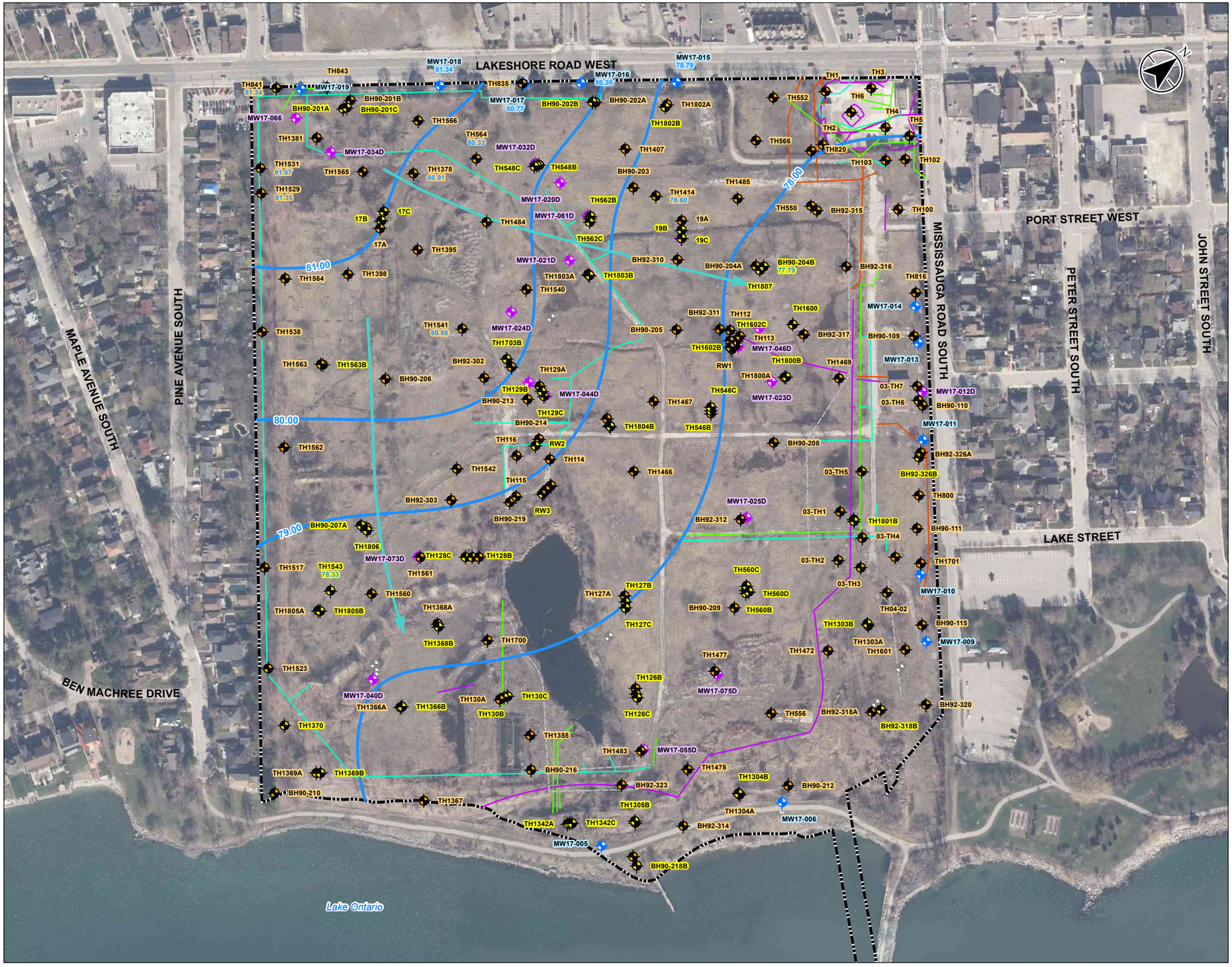
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
3d

Title
Groundwater Elevations in Bedrock and Inferred Direction of Flow - January 2017

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Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown
- Groundwater Contour (m AMSL)
- Inferred Direction of Groundwater Flow
- 7762 Groundwater Elevation (m AMSL)

0 75 150 metres
1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. Utilities are based on drawings by Exp Energy Services Inc dated May 2015 and January 2017. Utilities are underground unless otherwise noted. Locates of utilities are approximate.
6. m AMSL - meters above mean sea level



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

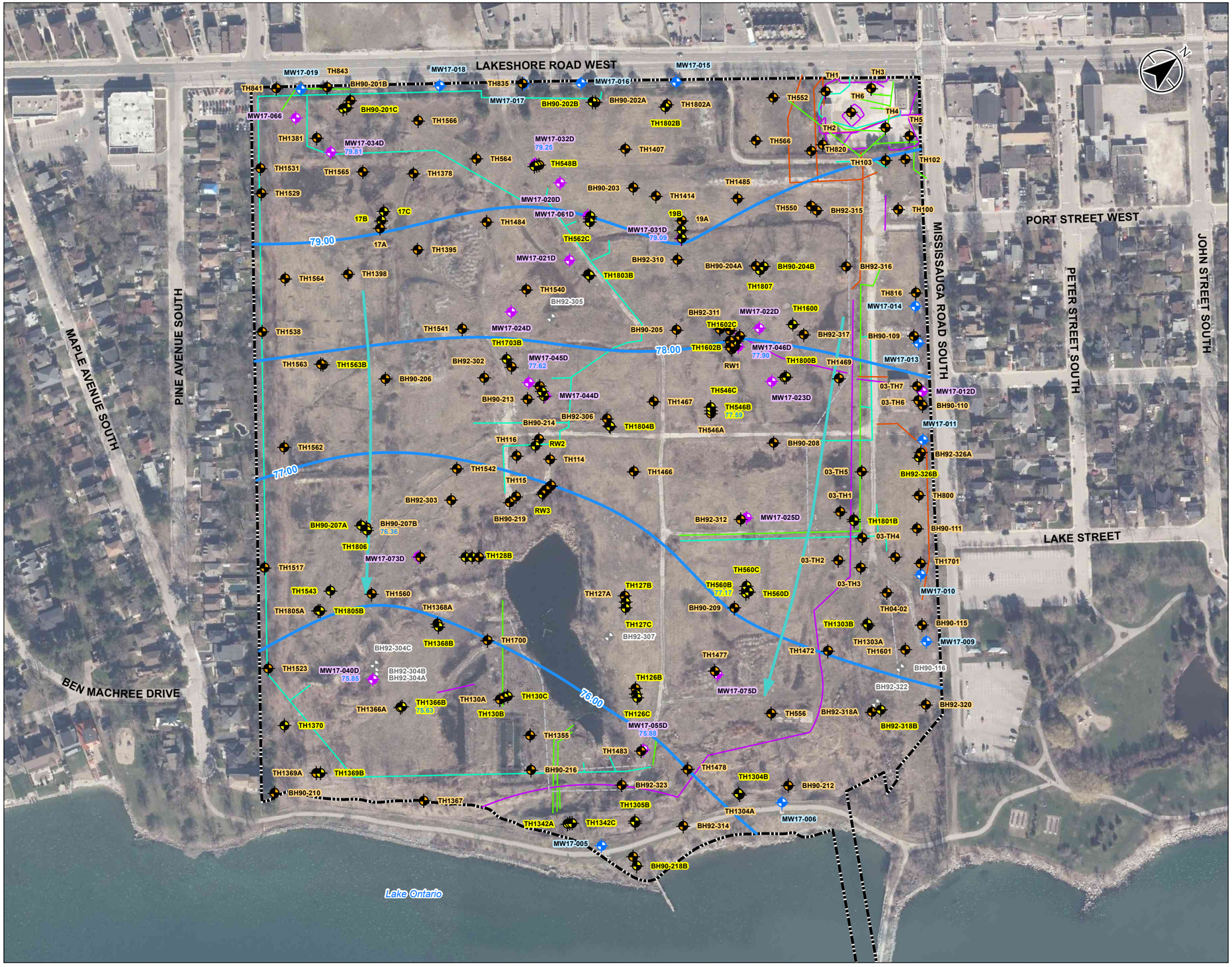
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
3e

Title
Groundwater Elevations in Overburden and Inferred Direction of Flow - September and October 2017

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Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Storm Sewer
- Water
- Hydro
- Telephone
- Unknown
- Groundwater Contour (m AMSL)
- Inferred Direction of Groundwater Flow
- 7762 Groundwater Elevation (m AMSL)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. Utilities are based on drawings by Exp Energy Services Inc dated May 2015 and January 2017. Utilities are underground unless otherwise noted. Locates of utilities are approximate.
6. m AMSL - meters above mean sea level



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-08
Technical Review by NM on 2018-03-08

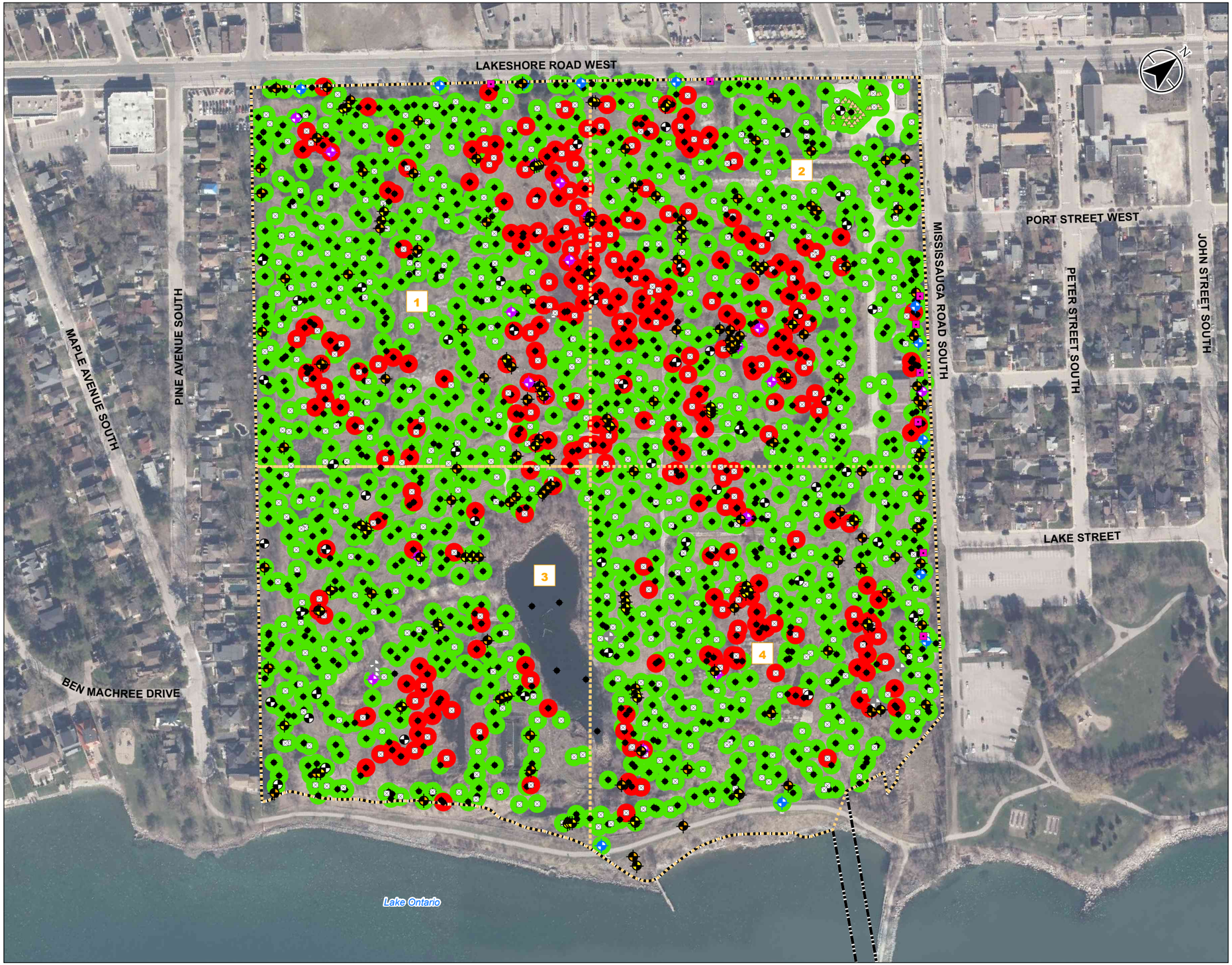
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
3f

Title
Groundwater Elevations in Bedrock and Inferred Direction of Flow - September and October 2017

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
Benzene	0.17	5,000
Toluene	6	5,000
Ethylbenzene	15	1,400
Xylenes, Total	25	8,500

* Refer to Table 3 for full BTEX results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 4b to 4e for monitoring location ID's.
7. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

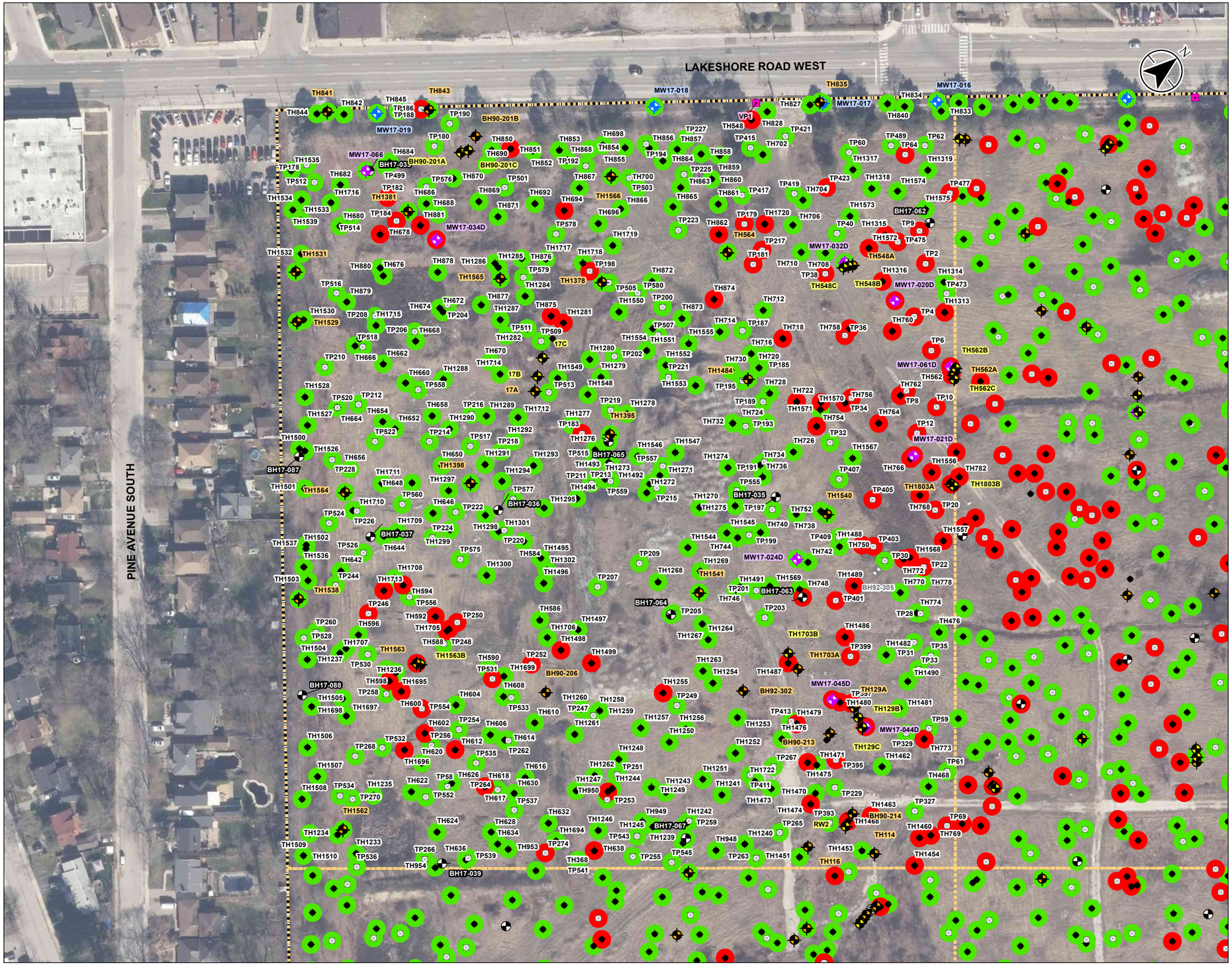
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
4a

Title
Summary of Soil Analytical Results - BTEX

\\CH1214-f02\work_group\01221\active\122120255\planning\Drawing\WSP\Phase II ESA_Summary\122120255 Phase II ESA_SitePlan_SO_Results_BTEX.mxd Revised: 2018-03-09 By: jmosier

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

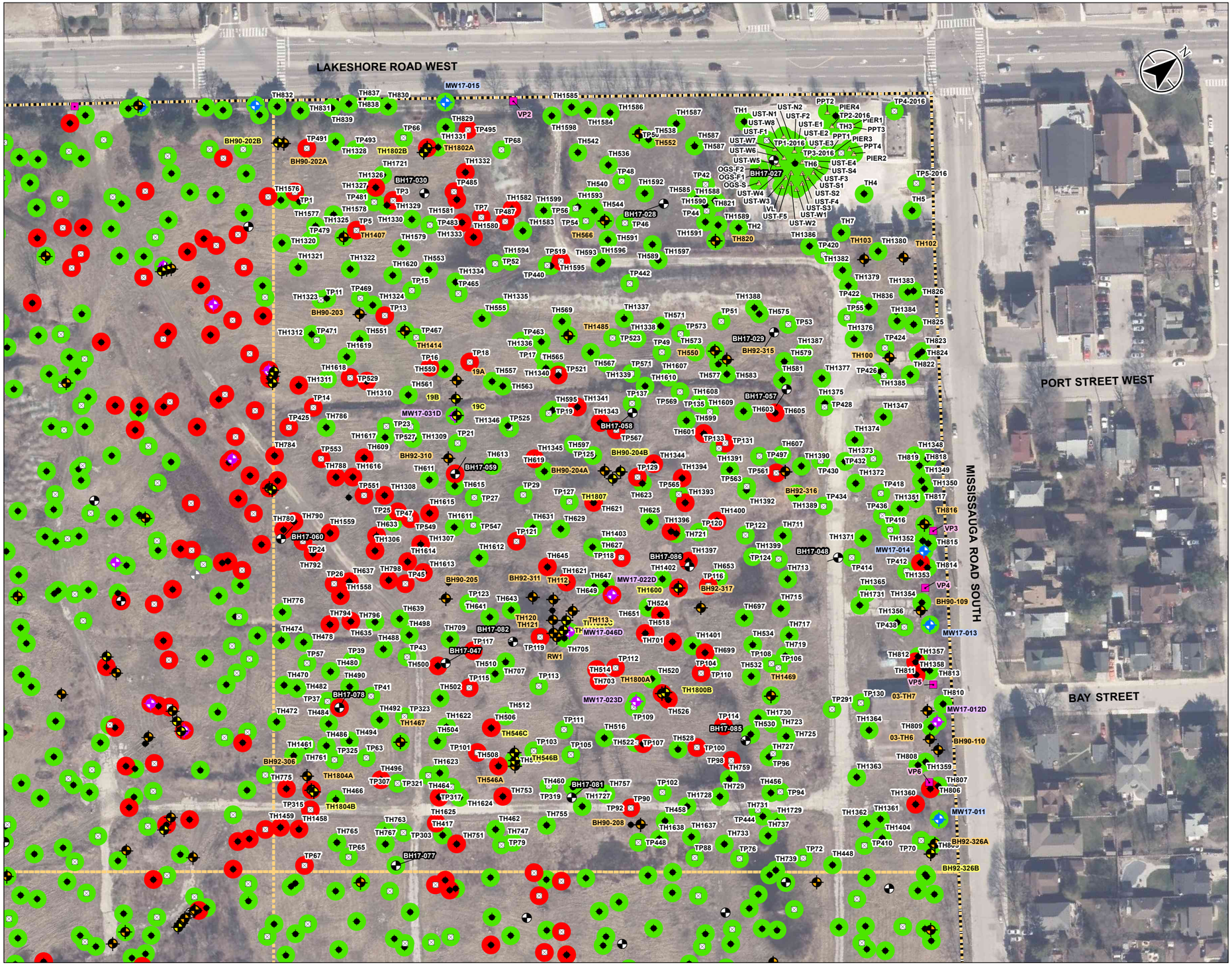
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
4b

Title
Summary of Soil Analytical Results - BTEX - Quadrant 1

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\\CA1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig4b_4b_SitePlan SQ_Results_BTEX.mxd Revised: 2018-03-09 By: pmosier



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

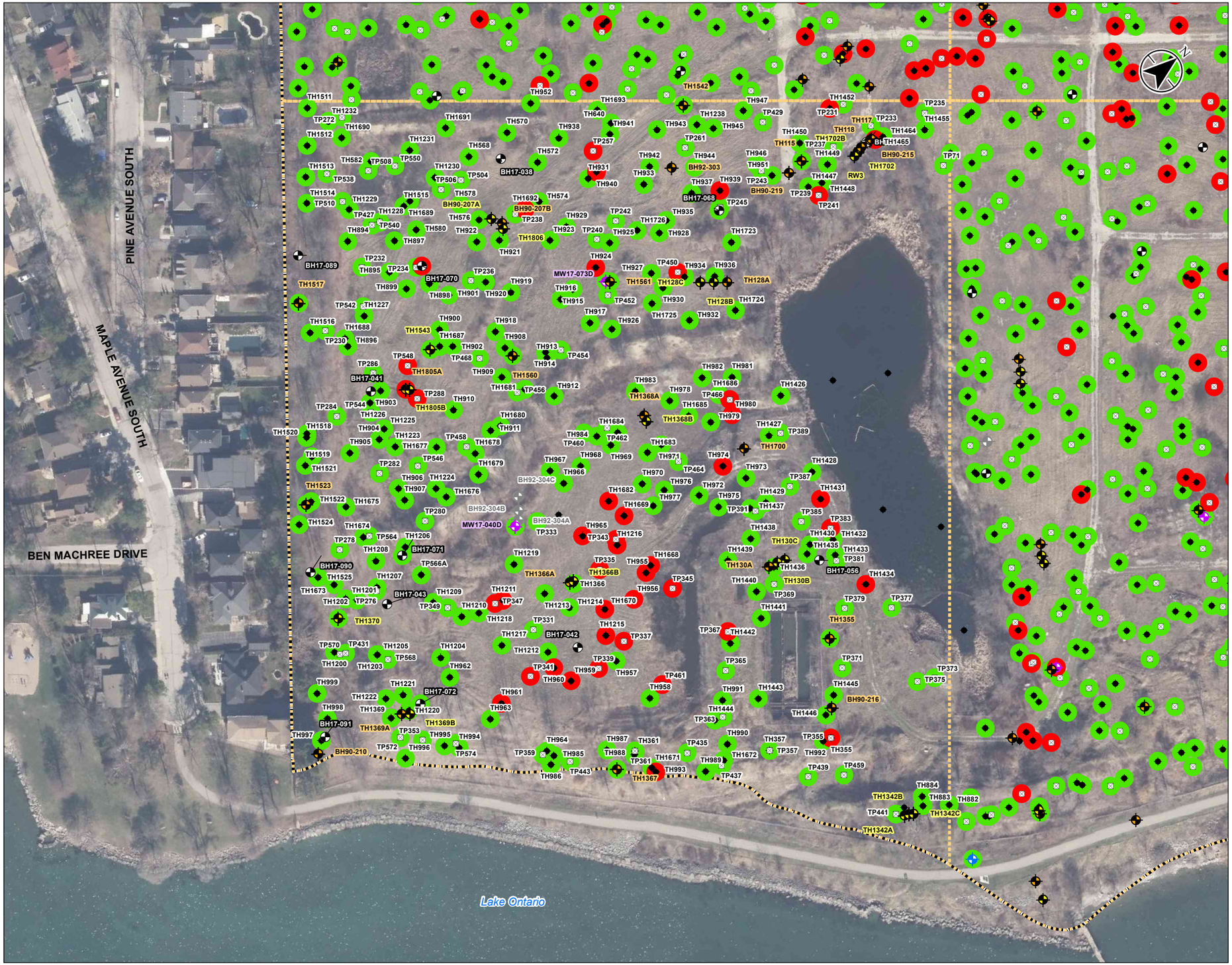
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

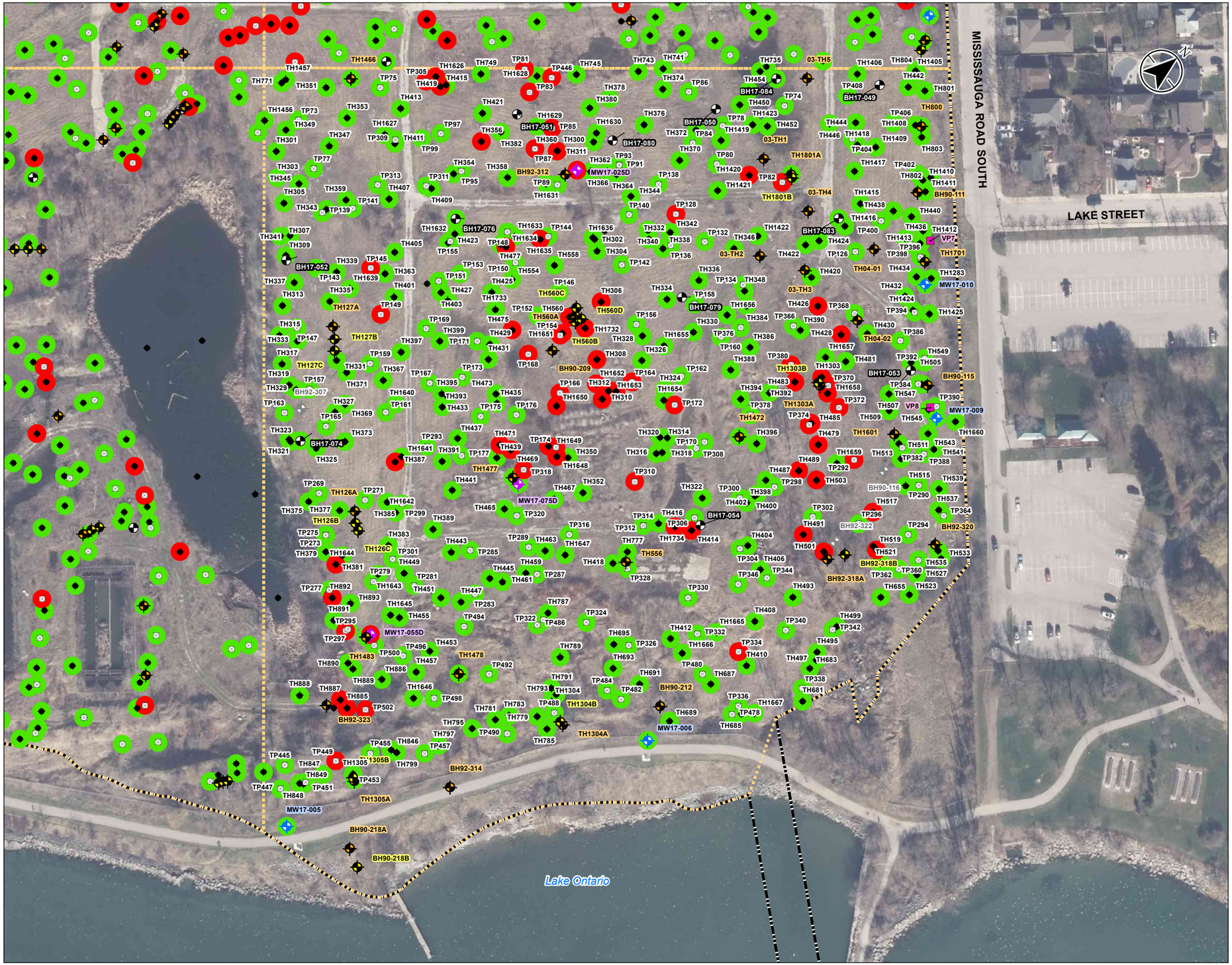
Figure No.
4c

Title
Summary of Soil Analytical Results - BTEX - Quadrant 2

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\\CA1224-02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA Fig4b_4c SitePlan SQ Results BTEX.mxd Revised: 2018-03-09 By: pmosier


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MAPLE AVENUE SOUTH
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BH17-089
BH17-070
BH17-041
BH17-071
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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

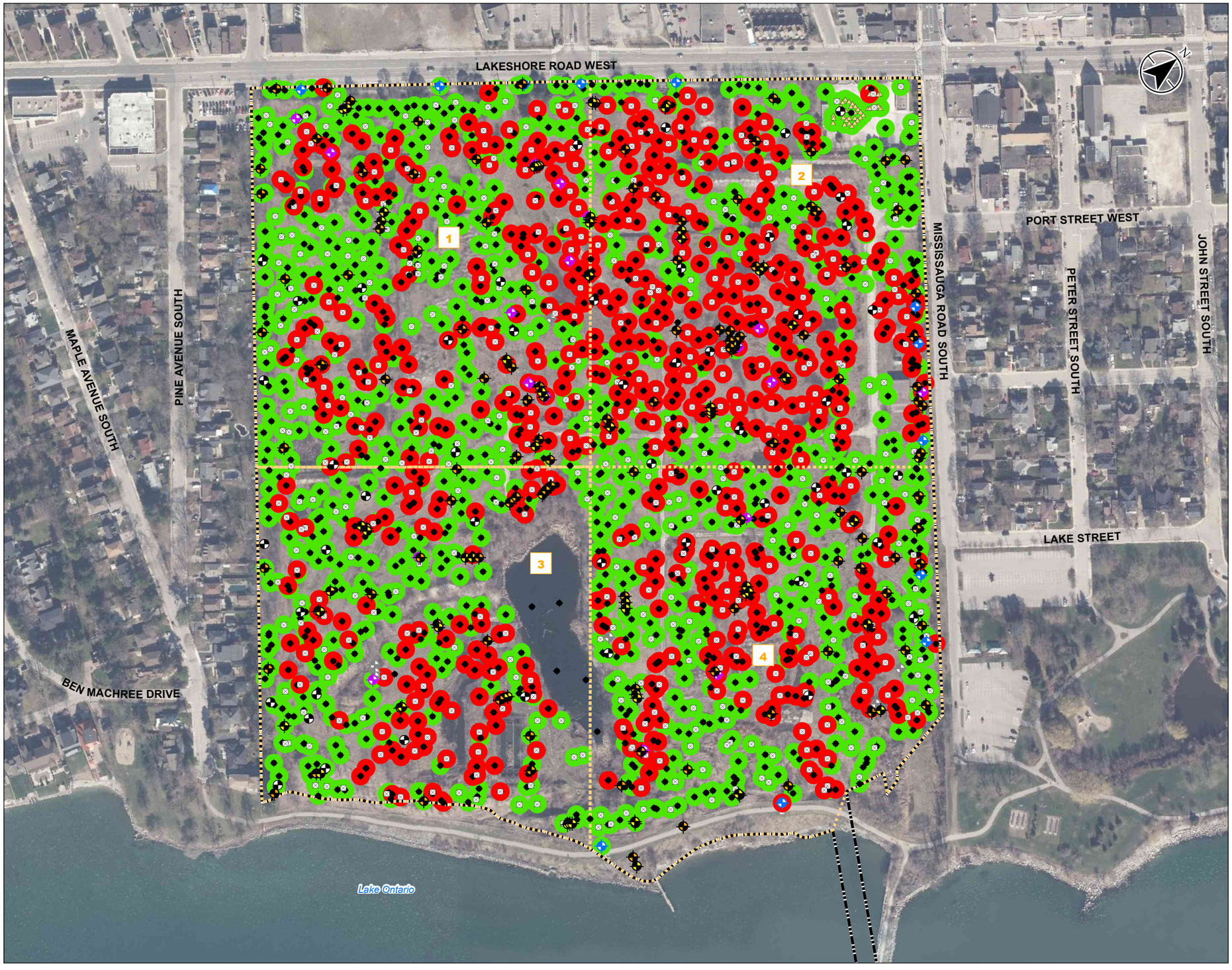
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
4e

Title
Summary of Soil Analytical Results - BTEX - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
PHC F1 (C6-C10 range) minus BTEX	65	18,000
PHC F2 (>C10-C16 range)	150	27,000
PHC F3 (>C16-C34 range)	1,300	130,000
PHC F4 (>C34) Gravimetric	5,600	84,000
PHC F4 (>C34-C50 range)	5,600	31,000

* Refer to Table 4 for full PHC results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 5b to 5e for monitoring location ID's.
7. PHC - Petroleum Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

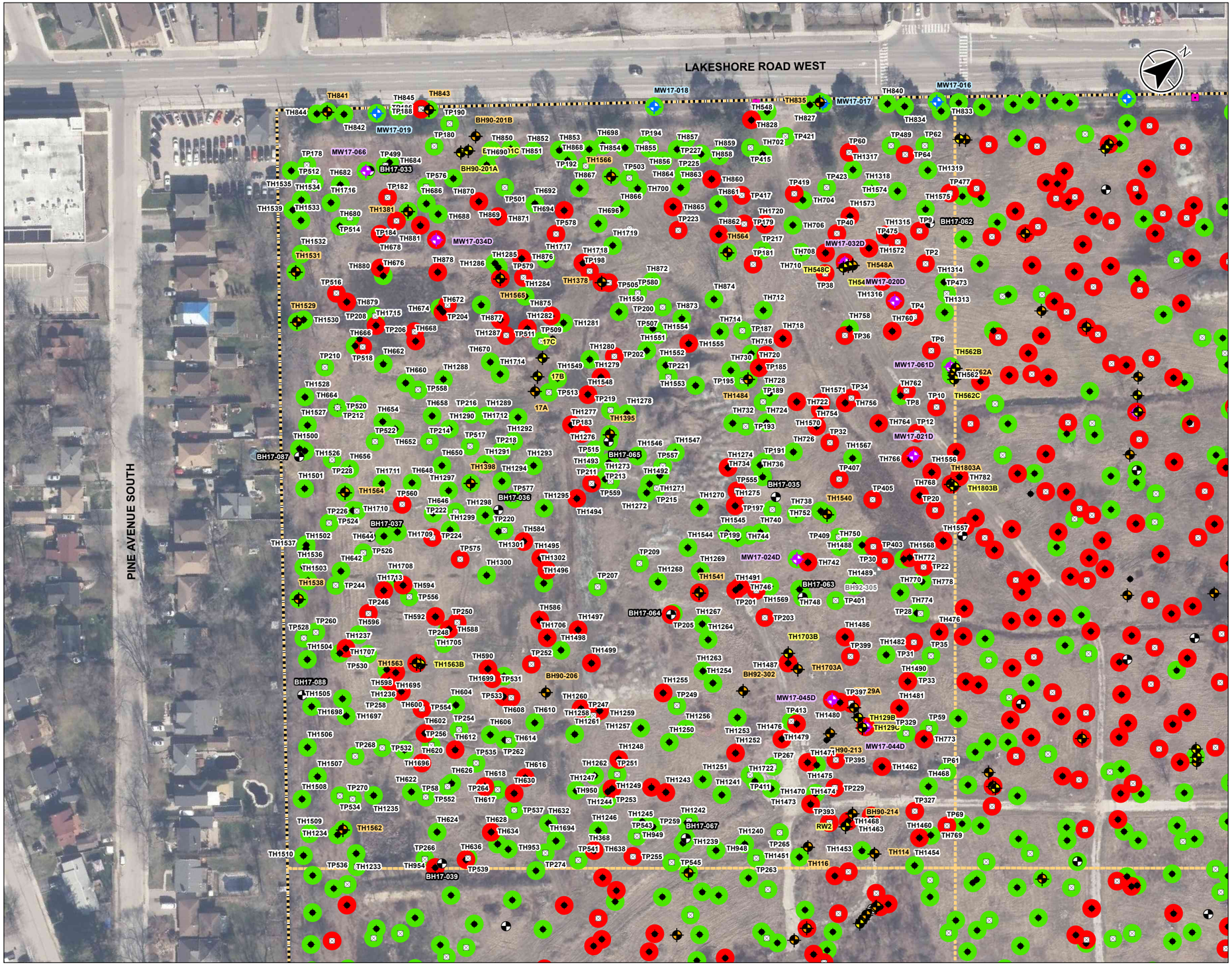
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
5a

Title
Summary of Soil Analytical Results - PHCs

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\\Cd1220-f07\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA - Summary\122120255_Phase II ESA - Findings Site Plan - SQ Results PHCs.mxd Revised: 2018-03-02 By: jsmoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10 range) minus BTEX	65
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	1,300
PHC F4 (>C34-C50 range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PHCs - Petroleum Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

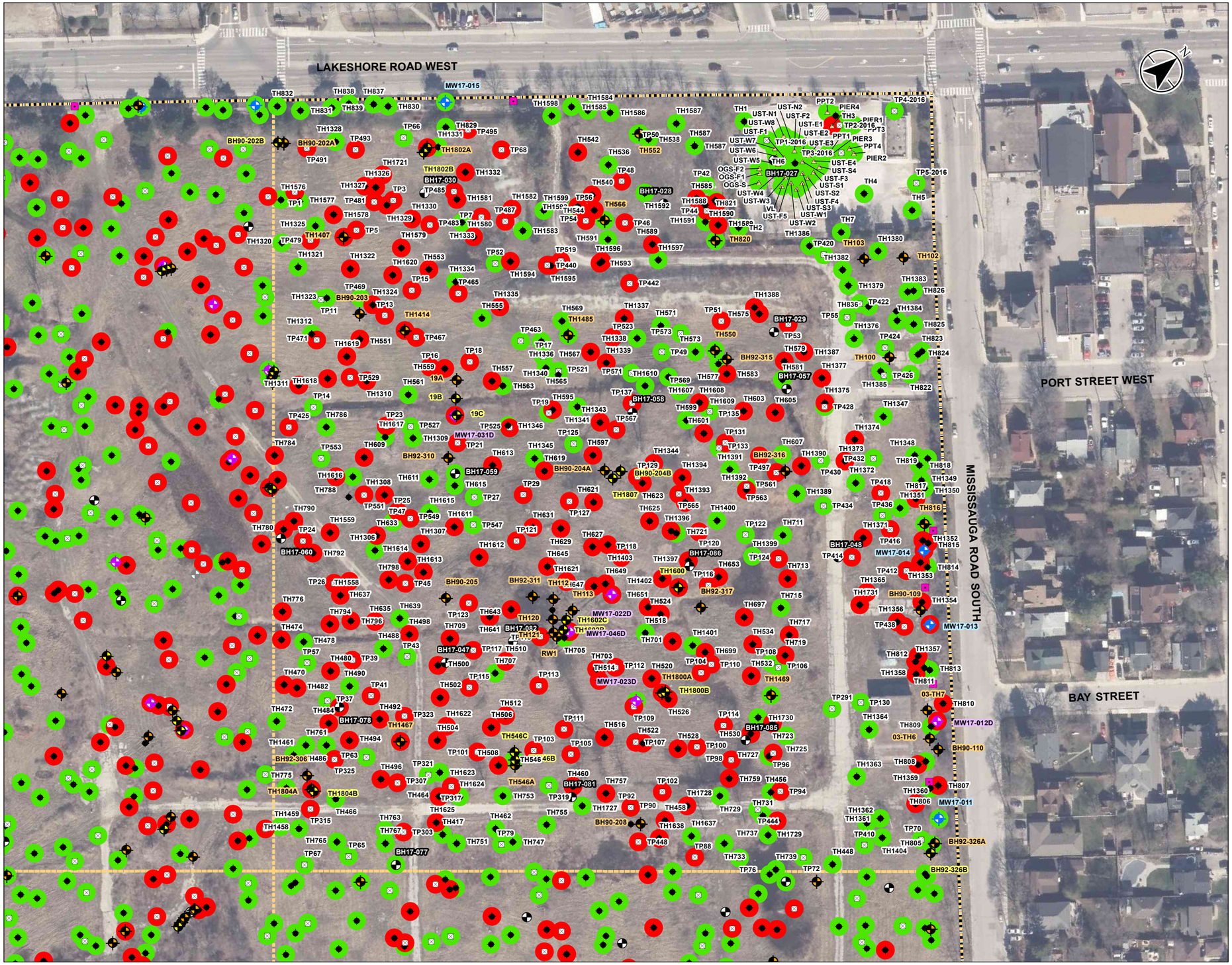
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
5b

Title
Summary of Soil Analytical Results - PHCs - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10 range) minus BTEX	65
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	1,300
PHC F4 (>C34-C50 range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PHCs - Petroleum Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

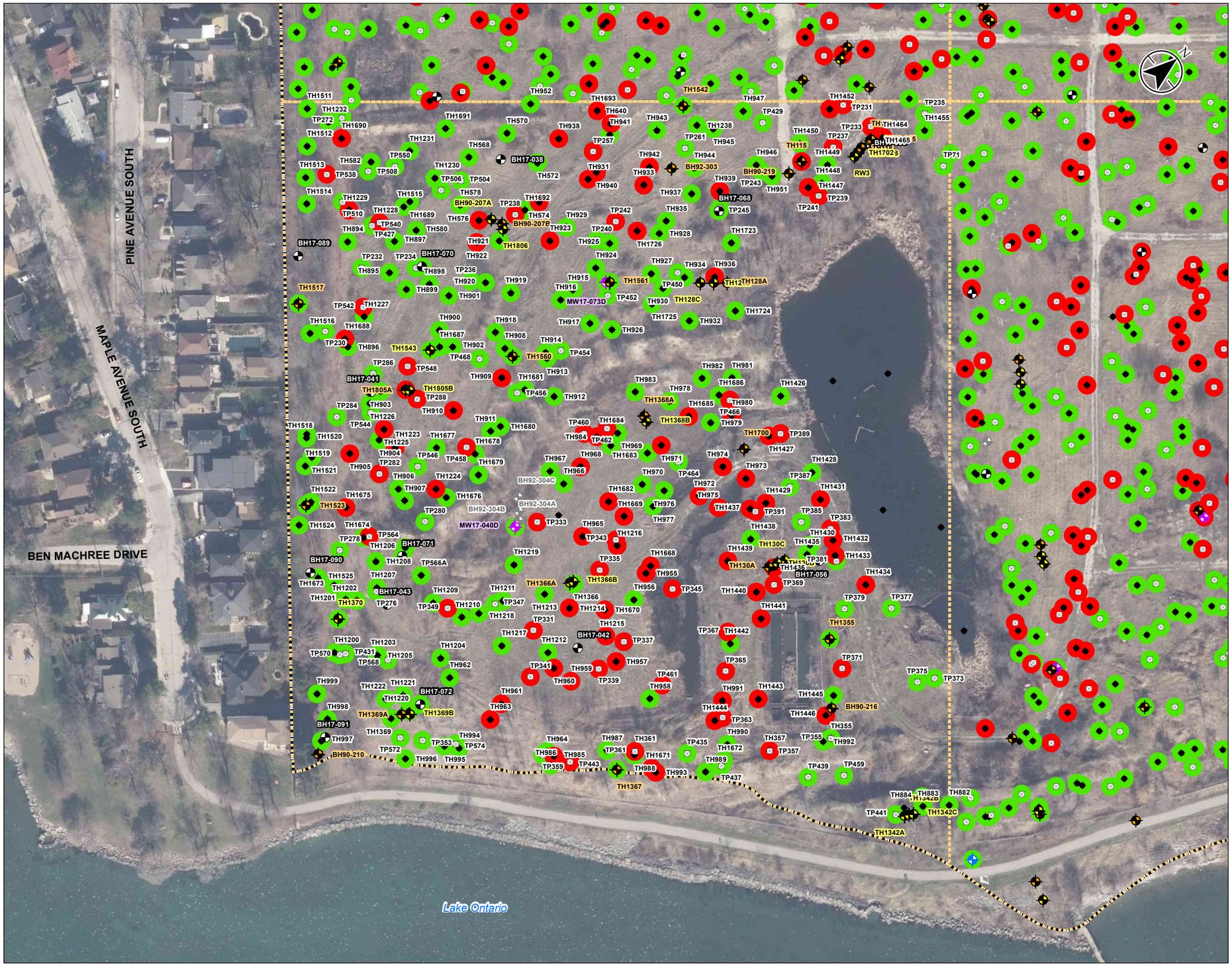
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
5c

Title
Summary of Soil Analytical Results - PHCs - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PHCs - Petroleum Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

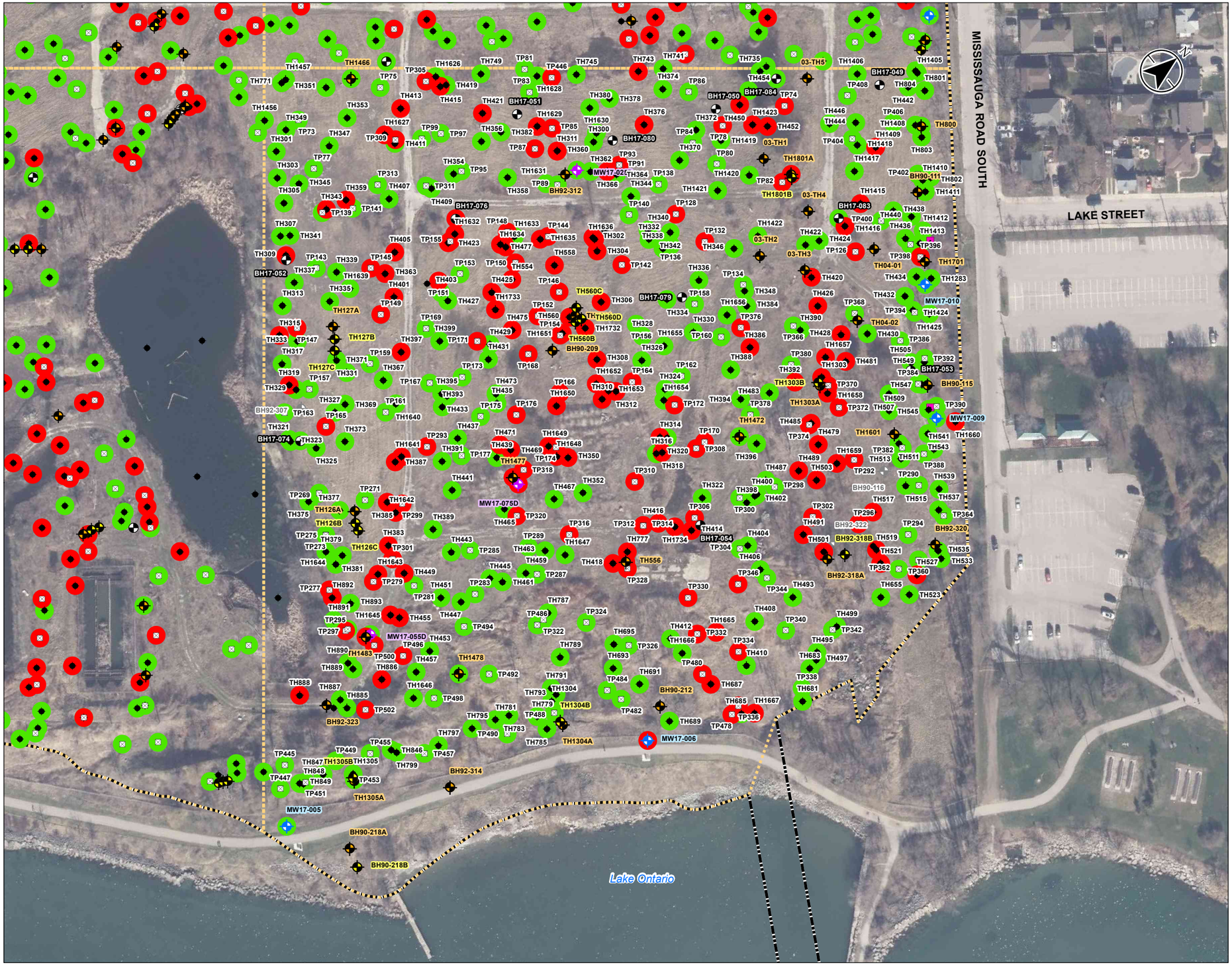
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
5d

Title
Summary of Soil Analytical Results - PHCs - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10 range) minus BTEX	65
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	1,300
PHC F4 (>C34-C50 range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PHCs - Petroleum Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

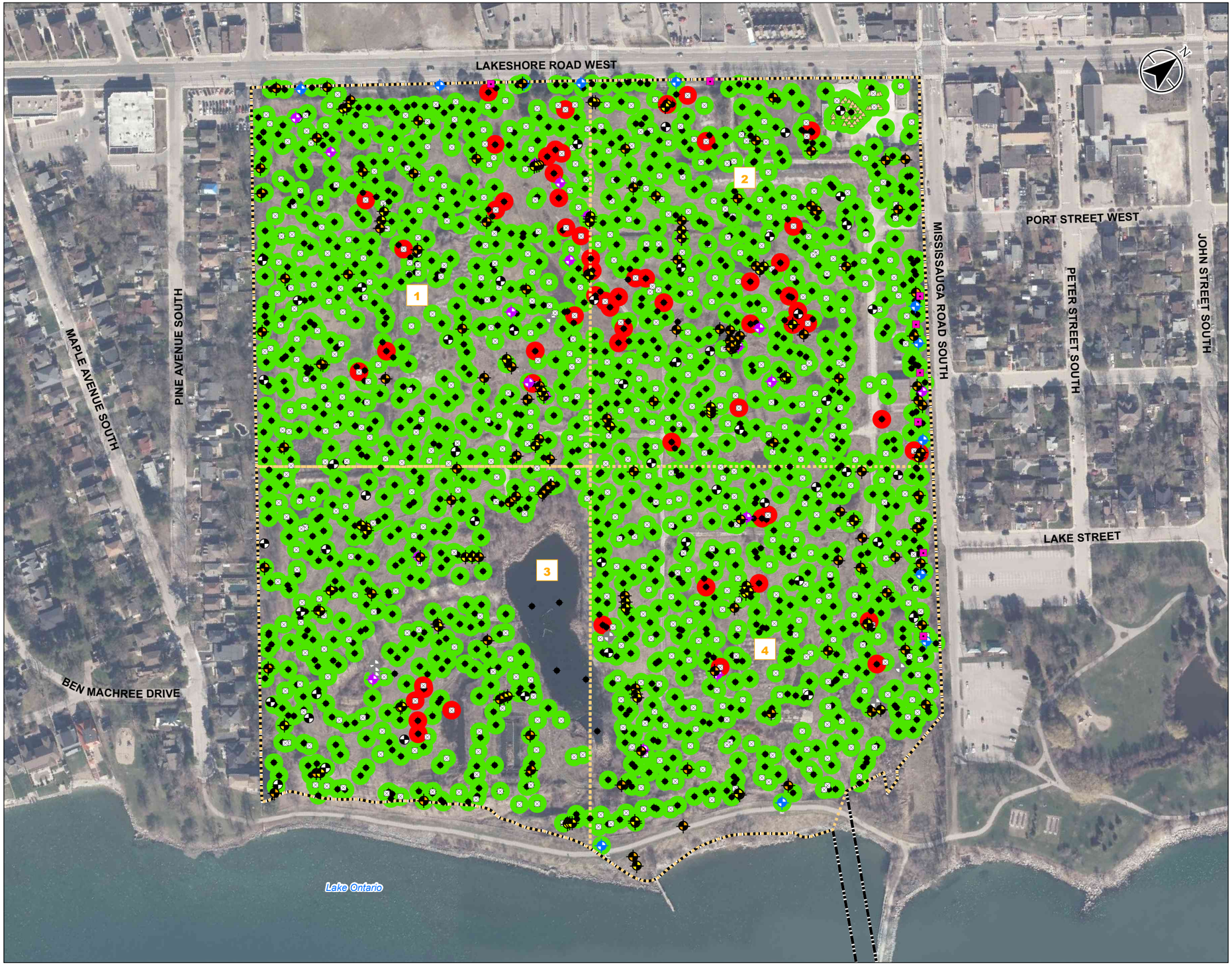
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
5e

Title
Summary of Soil Analytical Results - PHCs - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	2.8
Chloroform (Trichloromethane)	0.18	0.73
Dichlorobenzene, 1,2-	4.3	11
Dichlorobenzene, 1,4-	0.097	0.58
Dichloroethane, 1,2-	0.05	0.5
Dichloropropane, 1,2-	0.085	0.17
Ethylene Dibromide (Dibromoethane, 1,2-)	0.05	0.061
Hexane (n-Hexane)	34	1,300
Tetrachloroethane, 1,1,2,2-	0.05	0.14
Trichloroethane, 1,1,2-	0.05	0.31
Trichloroethene (TCE)	0.52	2.4

* Refer to Table 5 for full VOC results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 6b to 6e for monitoring location ID's.
7. VOCs - Volitiale Organic Compound



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-06
Technical Review by NM on 2018-03-06

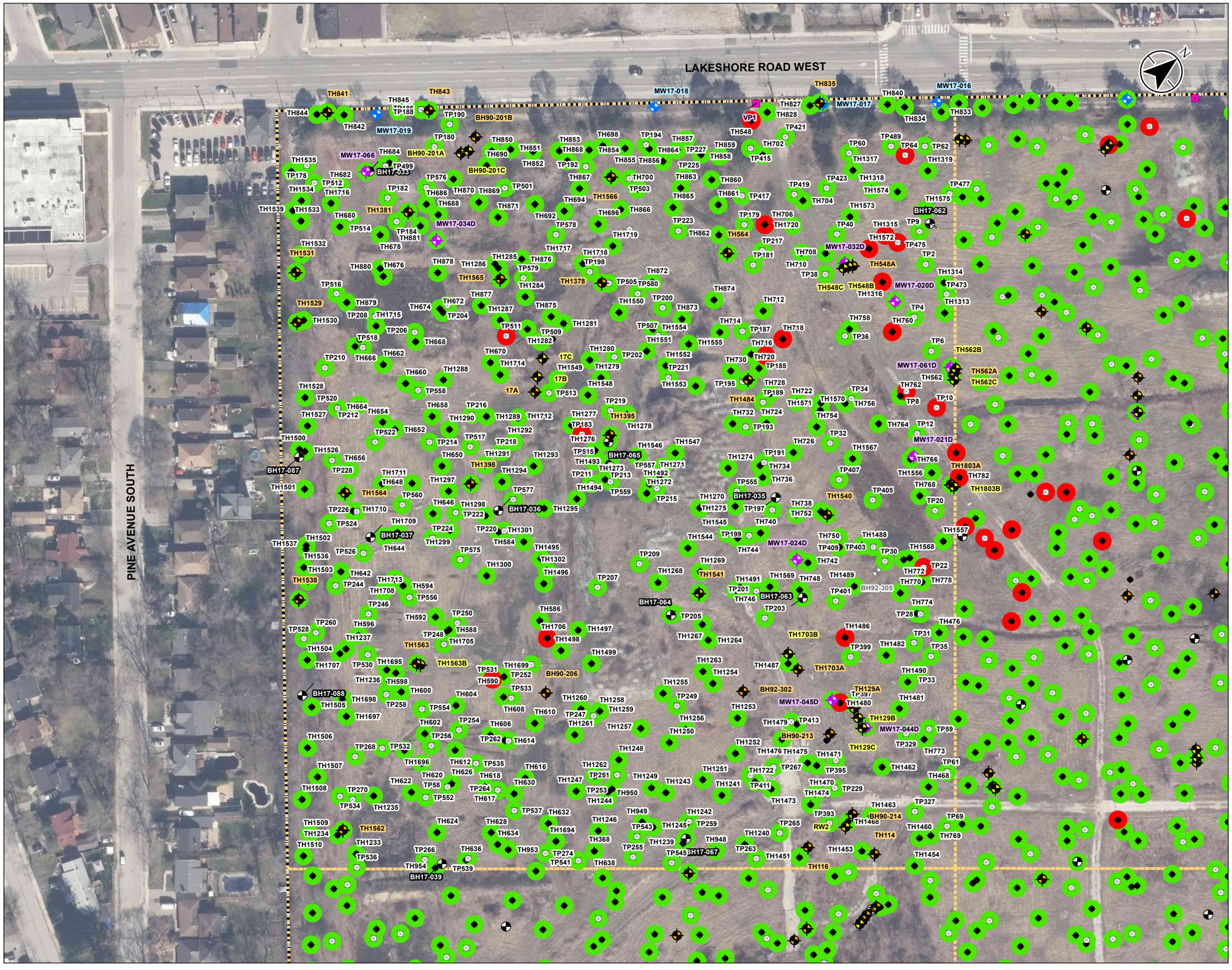
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

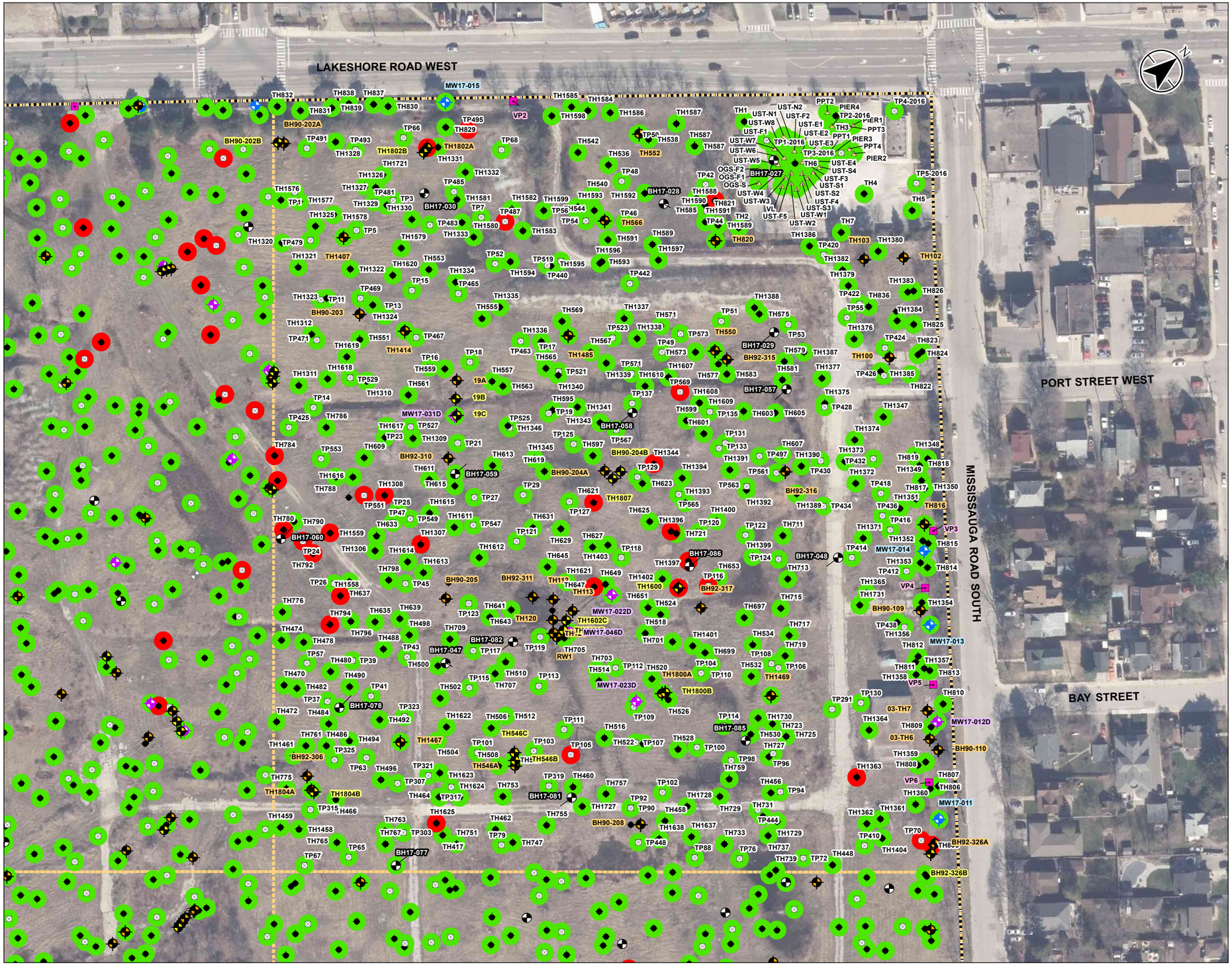
Figure No.
6a

Title
Summary of Soil Analytical Results - VOCs

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\\Cd1220-f02.work.groupl.net\01221\active\122120255\planning\drawing\MXD\Phase_II ESA_Summary\122120255 Phase II ESA_Site Plan_SG Results_VOCs.mxd Revised: 2018-03-06 By: pmosier


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MW17-016
MW17-017
MW17-066
MW17-034D
MW17-032D
MW17-020D
MW17-061D
MW17-021D
MW17-024D
MW17-045D
MW17-044D
BH17-033
BH17-087
BH17-088
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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7
Chloroform (Trichloromethane)	0.18
Dichlorobenzene, 1,2-	4.3
Dichlorobenzene, 1,4-	0.097
Dichloroethane, 1,2-	0.05
Dichloropropane, 1,2-	0.085
Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Hexane (n-Hexane)	34
Tetrachloroethane, 1,1,2,2-	0.05
Trichloroethane, 1,1,2-	0.05
Trichloroethene (TCE)	0.52

* Refer to Table 5 for full VOC results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. VOCs - Volatile Organic Compounds

Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-06
Technical Review by NM on 2018-03-06

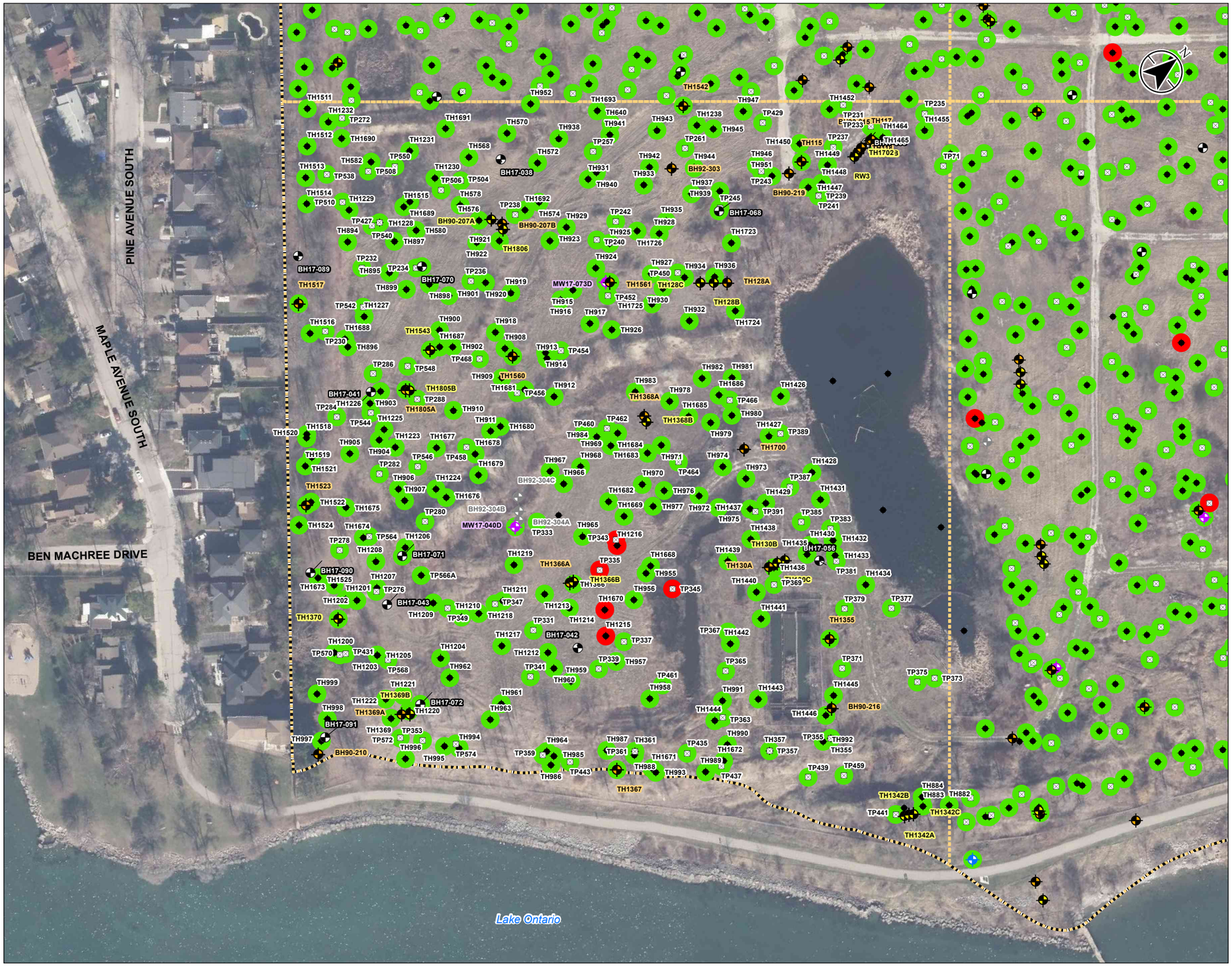
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
6c

Title
Summary of Soil Analytical Results - VOCs - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
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Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Hexane (n-Hexane)	34
Tetrachloroethane, 1,1,2,2-	0.05
Trichloroethane, 1,1,2-	0.05
Trichloroethene (TCE)	0.52

* Refer to Table 5 for full VOC results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

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5. SCS - site condition standard
6. VOCs - Volatile Organic Compounds



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-06
Technical Review by NM on 2018-03-06

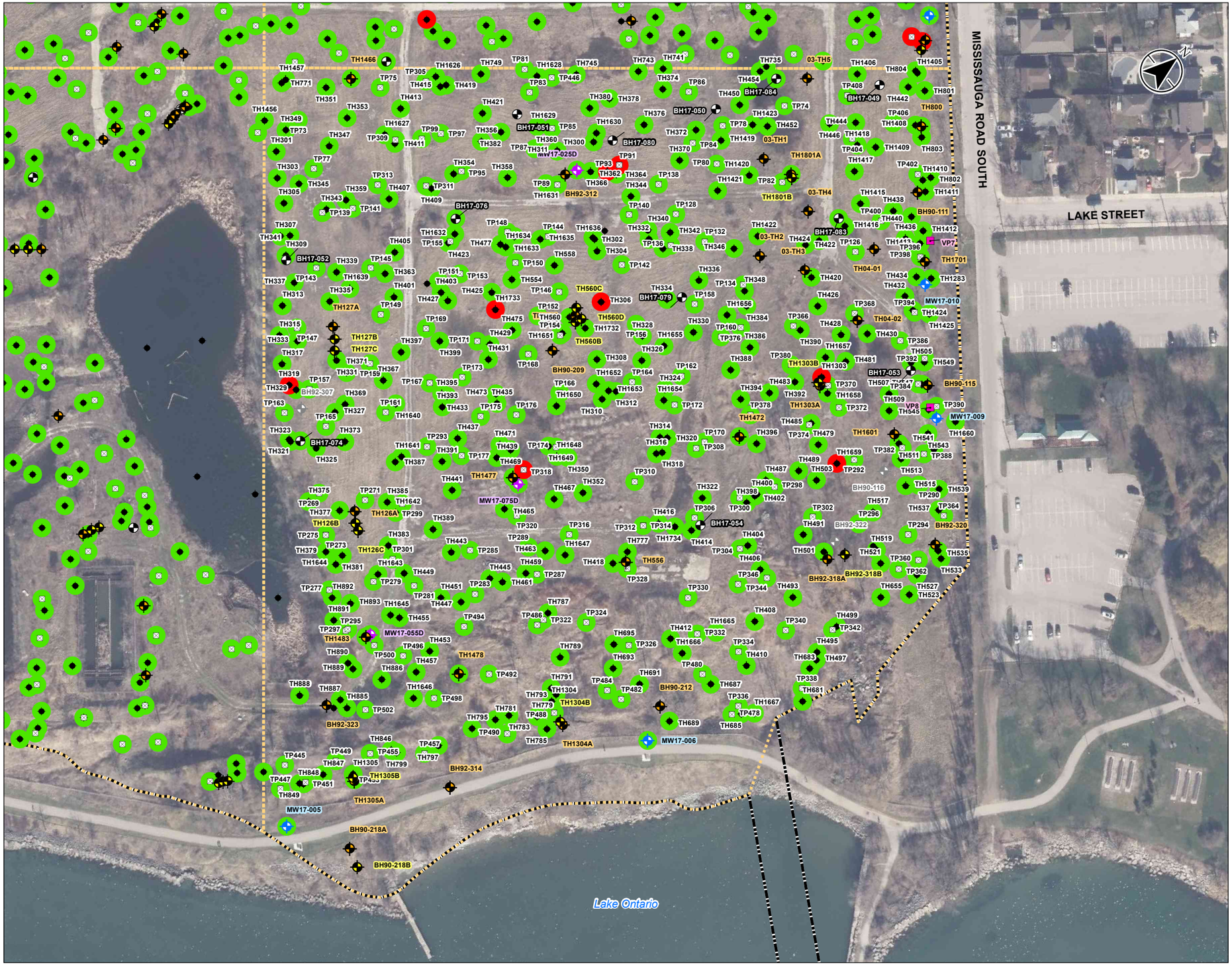
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
6d

Title
Summary of Soil Analytical Results - VOCs - Quadrant 3

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\\Cd1220-f05\work_group\10\121\active\122120255\planning\drawing\VWDN Phase II ESA_Summary\122120255_Phase2_ESA_Fig6a_4e_SitePlan_SQ_Results_VOCs.mxd Revised: 2018-03-06 By: ramoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7
Chloroform (Trichloromethane)	0.18
Dichlorobenzene, 1,2-	4.3
Dichlorobenzene, 1,4-	0.097
Dichloroethane, 1,2-	0.05
Dichloropropane, 1,2-	0.085
Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Hexane (n-Hexane)	34
Tetrachloroethane, 1,1,2,2-	0.05
Trichloroethane, 1,1,2-	0.05
Trichloroethene (TCE)	0.52

* Refer to Table 5 for full VOC results.

0 25 50 metres

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Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. VOCs - Volatile Organic Compounds



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-06
Technical Review by NM on 2018-03-06

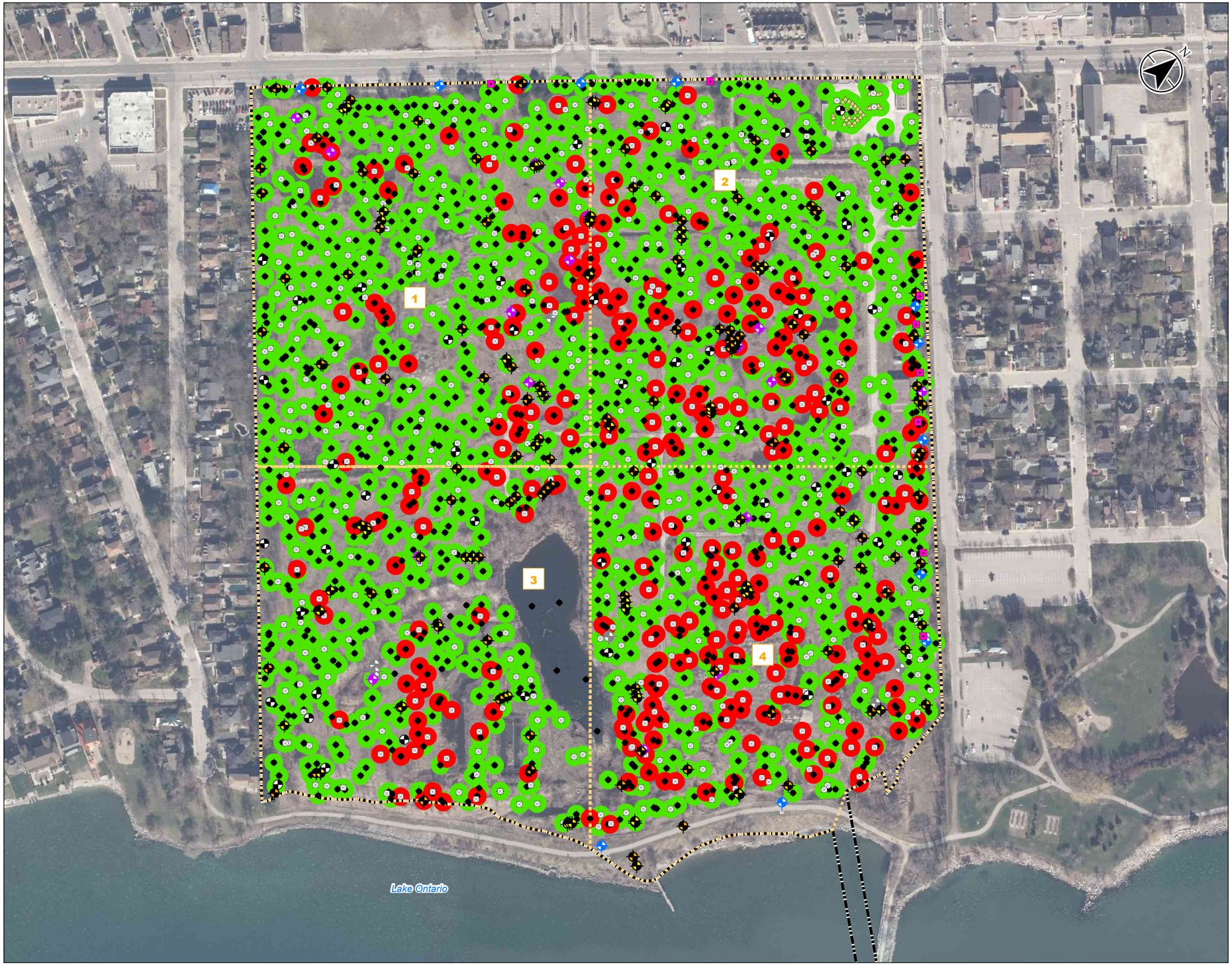
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
6e

Title
Summary of Soil Analytical Results - VOCs - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec,
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp,
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
Acenaphthylene	0.17	15
Anthracene	0.74	75
Benzo(a)anthracene	0.63	73
Benzo(a)pyrene	0.3	71
Benzo(b/j)fluoranthene	0.78	65
Benzo(g,h,i)perylene	7.8	30
Benzo(k)fluoranthene	0.78	24
Chrysene	7.8	57
Dibenzo(a,h)anthracene	0.1	8.5
Fluoranthene	0.69	190
Indeno(1,2,3-cd)pyrene	0.48	40
Methylnaphthalene (Total)	3.4	700
Naphthalene	0.75	270
Phenanthrene	7.8	190
Pyrene	78	200

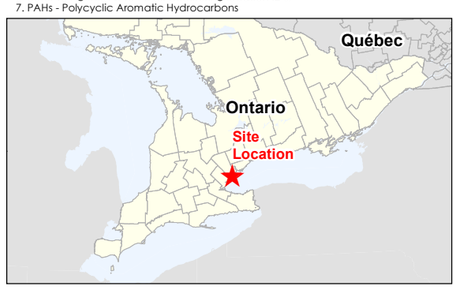
* Refer to Table 6 for full PAH results.

0 75 150 metres

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Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 7b to 7e for monitoring location ID's.
7. PAHs - Polycyclic Aromatic Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

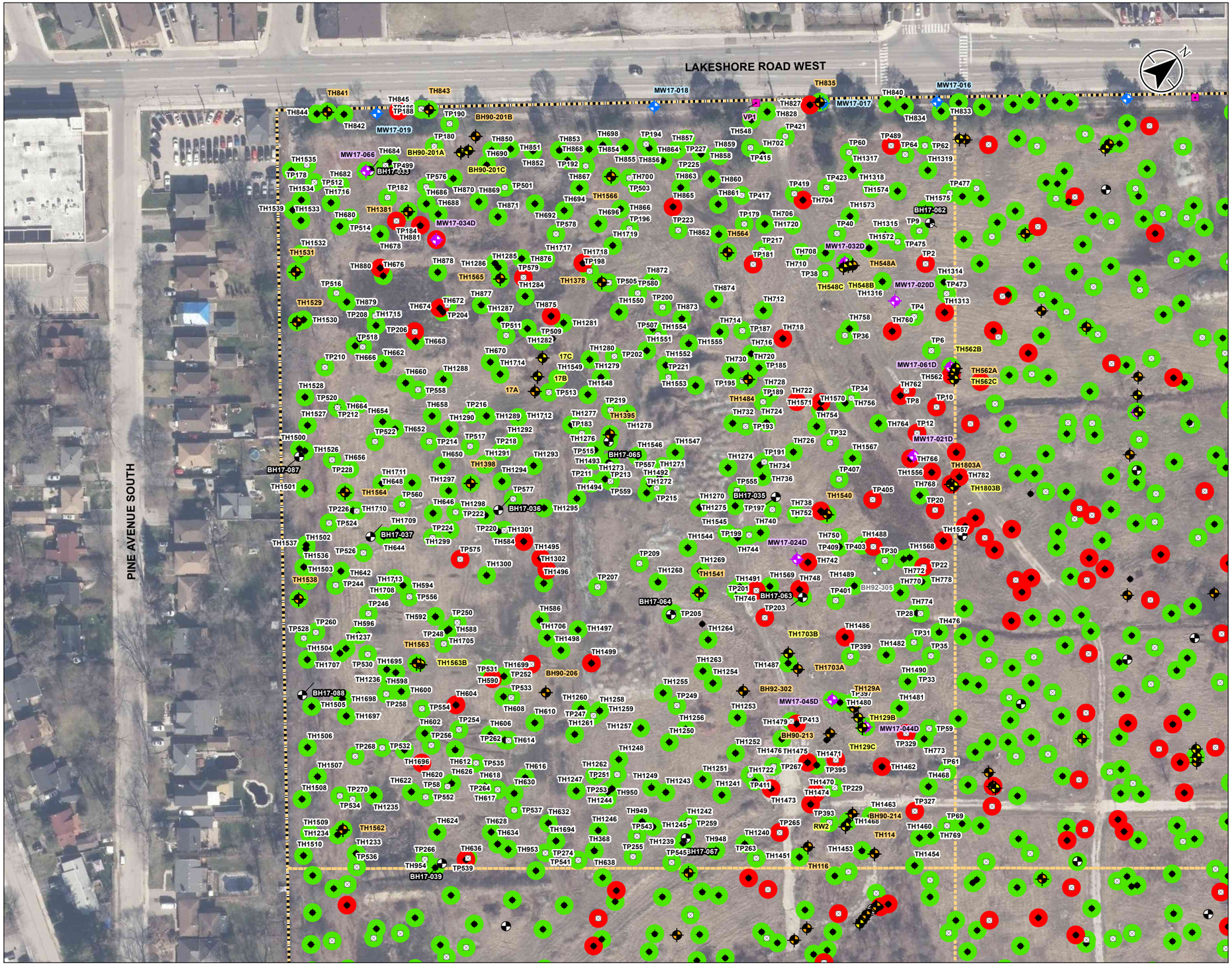
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Phase Two ESA Summary

Figure No.
7a

Title
Summary of Soil Analytical Results - PAHs

\\Cd1224-f02\work_group\01221\active\122120255\planning\Drawing\WD\Phase II ESA_Summary\122120255 Phase II ESA - Fig7a SitePlan S-O Results PAHs.mxd - Revised 2018-03-02 By mmoser

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Acenaphthylene	0.17
Anthracene	0.74
Benzo(a)anthracene	0.63
Benzo(a)pyrene	0.3
Benzo(b/j)fluoranthene	0.78
Benzo(g,h,i)perylene	7.8
Benzo(k)fluoranthene	0.78
Chrysene	7.8
Dibenzo(a,h)anthracene	0.1
Fluoranthene	0.69
Indeno(1,2,3-cd)pyrene	0.48
Methylnaphthalene (Total)	3.4
Naphthalene	0.75
Phenanthrene	7.8
Pyrene	78

* Refer to Table 6 for full PAH results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PAHs - Polycyclic Aromatic Hydrocarbons

Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

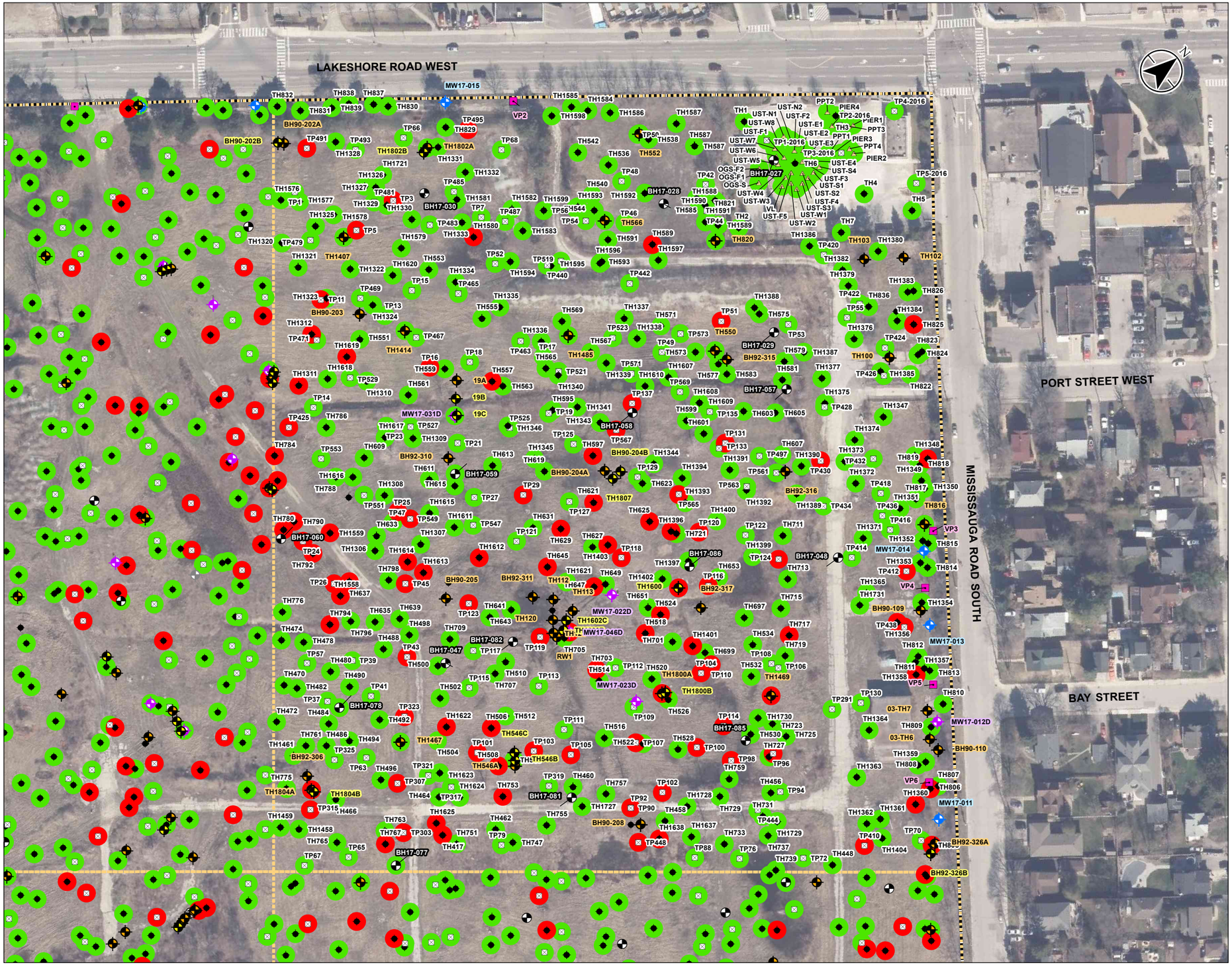
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Phase Two ESA Summary

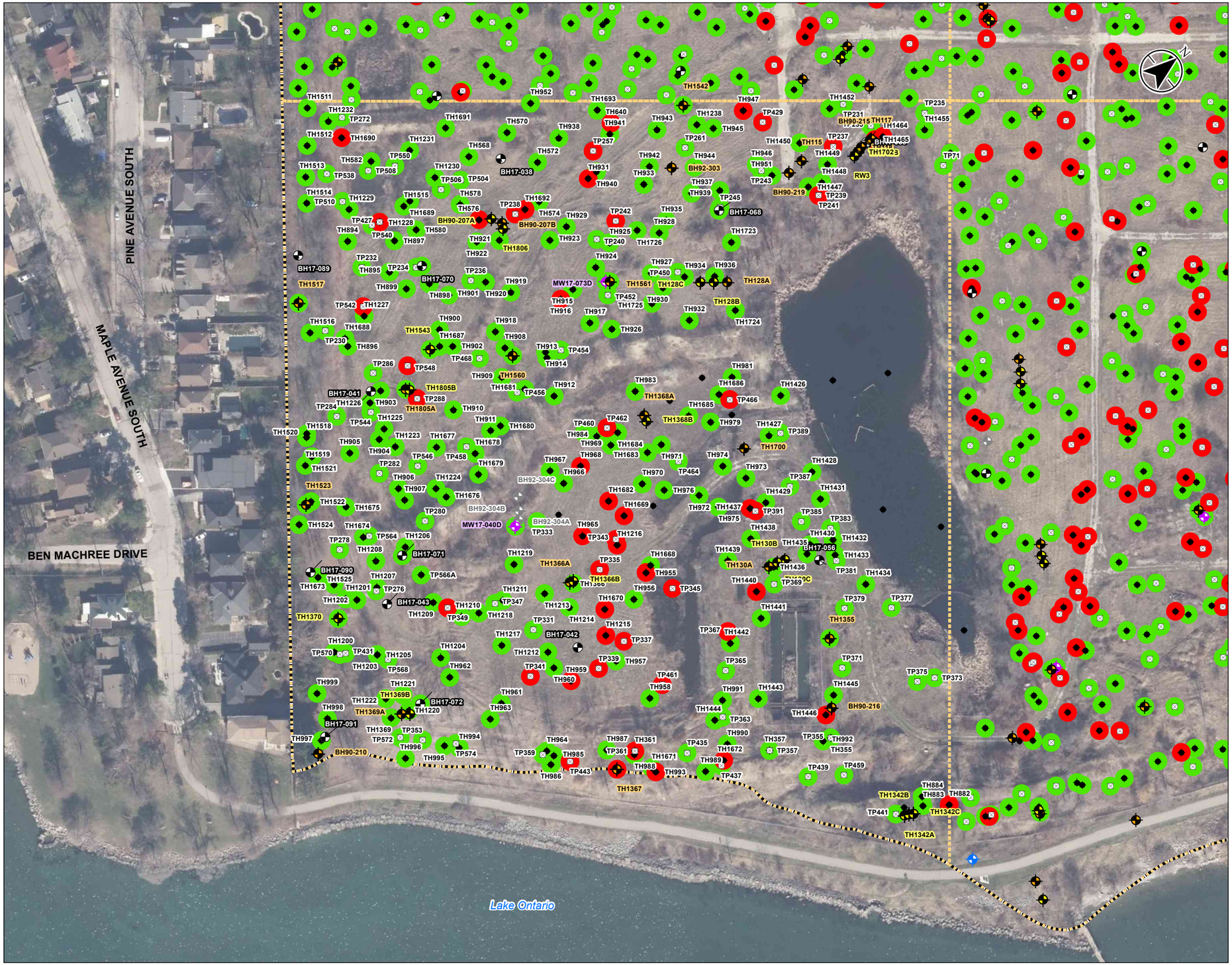
Figure No.
7b

Title
Summary of Soil Analytical Results - PAHs - Quadrant 1

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\\CA1224-02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Fig7b_7a_SitePlan SQ Results_PAHs.mxd Revised: 2018-03-02 By: pmoser


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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Acenaphthylene	0.17
Anthracene	0.74
Benzo(a)anthracene	0.63
Benzo(a)pyrene	0.3
Benzo(b/j)fluoranthene	0.78
Benzo(g,h,i)perylene	7.8
Benzo(k)fluoranthene	0.78
Chrysene	7.8
Dibenzo(a,h)anthracene	0.1
Fluoranthene	0.69
Indeno(1,2,3-cd)pyrene	0.48
Methylnaphthalene (Total)	3.4
Naphthalene	0.75
Phenanthrene	7.8
Pyrene	78

* Refer to Table 6 for full PAH results.

0 25 50 metres

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Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PAHs - Polycyclic Aromatic Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

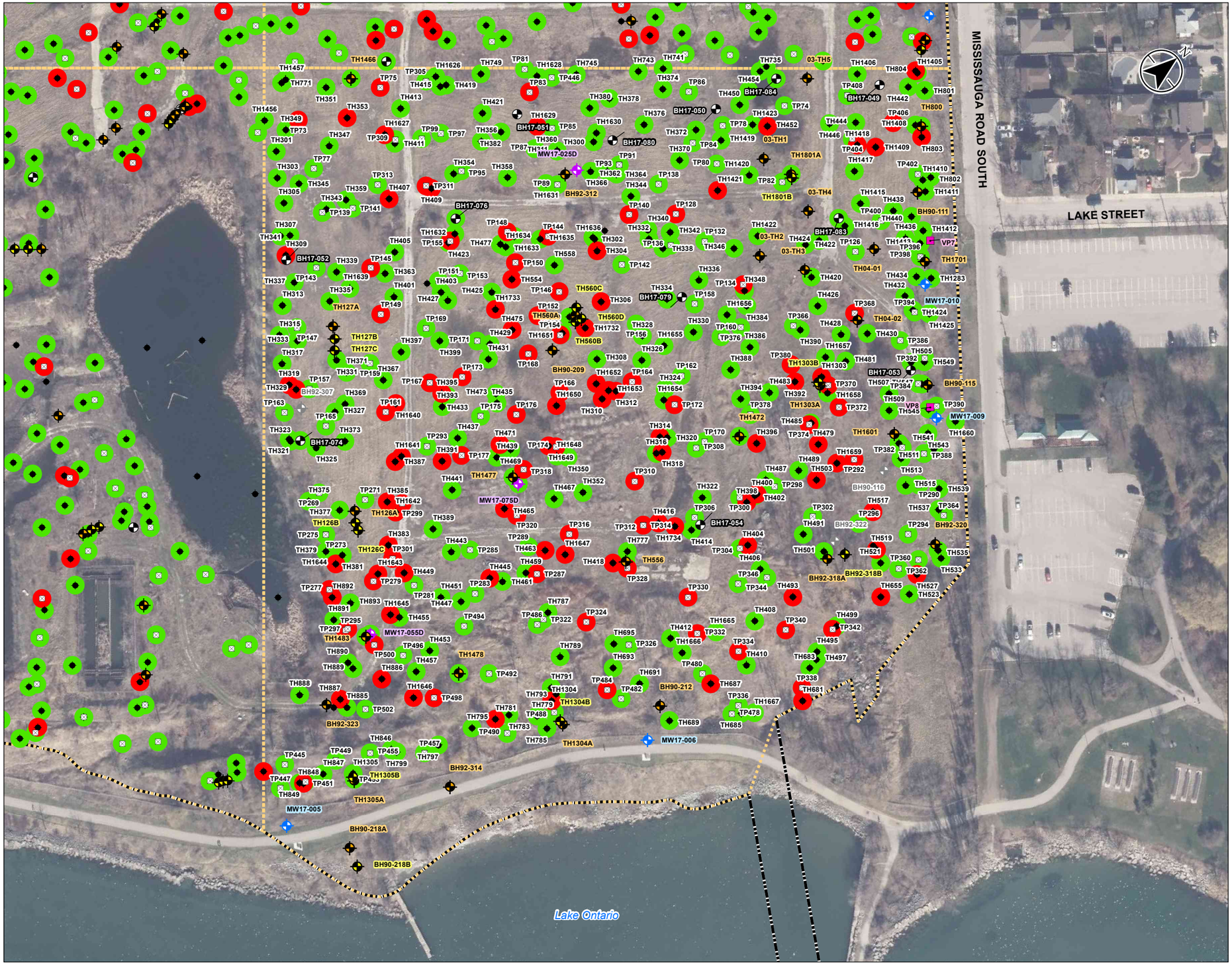
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
7d

Title
Summary of Soil Analytical Results - PAHs - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Acenaphthylene	0.17
Anthracene	0.74
Benzo(a)anthracene	0.63
Benzo(a)pyrene	0.3
Benzo(b/j)fluoranthene	0.78
Benzo(g,h,i)perylene	7.8
Benzo(k)fluoranthene	0.78
Chrysene	7.8
Dibenzo(a,h)anthracene	0.1
Fluoranthene	0.69
Indeno(1,2,3-cd)pyrene	0.48
Methylnaphthalene (Total)	3.4
Naphthalene	0.75
Phenanthrene	7.8
Pyrene	78

* Refer to Table 6 for full PAH results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PAHs - Polycyclic Aromatic Hydrocarbons



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

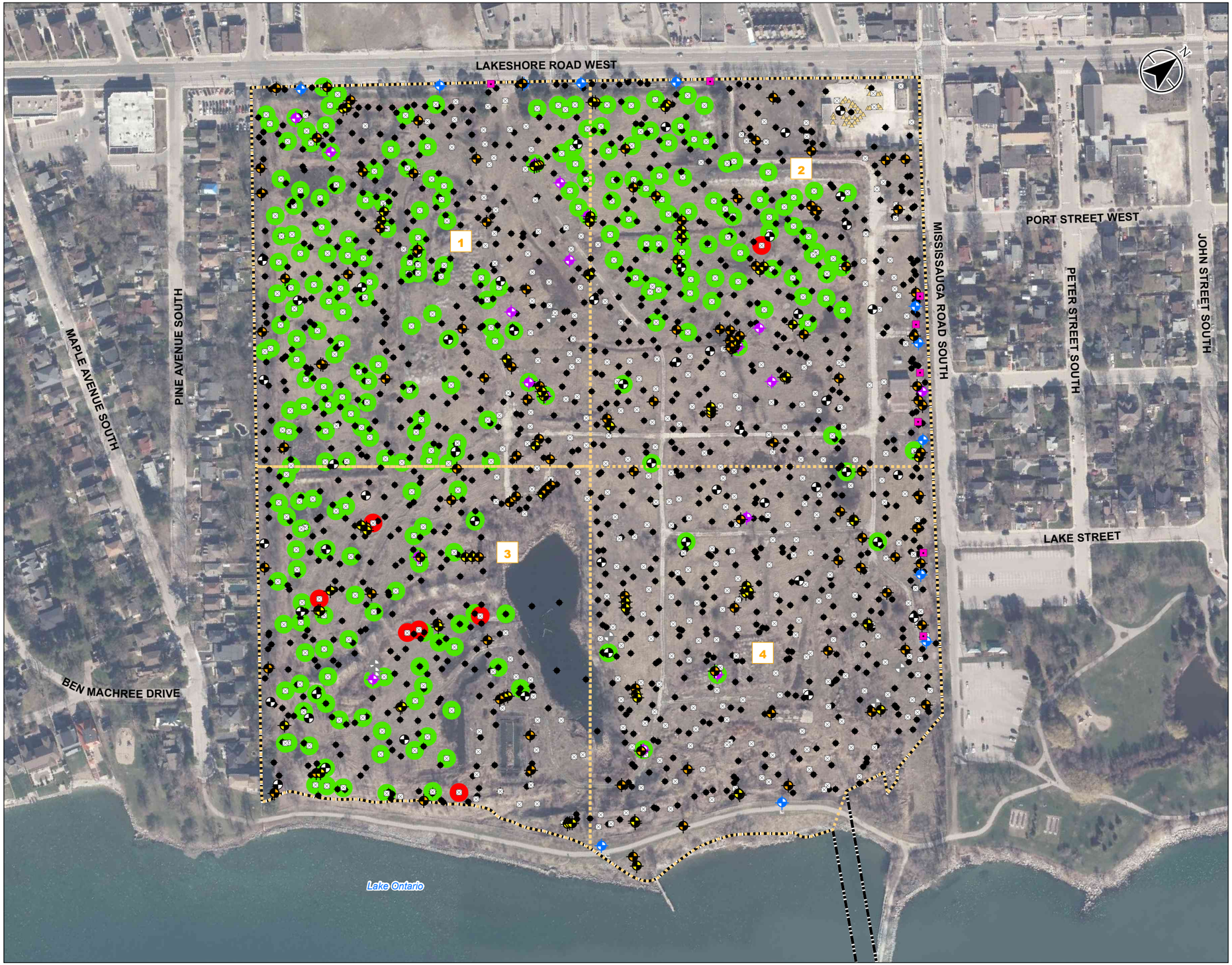
Client/Project
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Phase Two ESA Summary

Figure No.
7e

Title
Summary of Soil Analytical Results - PAHs - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
Biphenyl, 1,1'- (Biphenyl)	1.1	11
Bis(2-Ethylhexyl)phthalate (DEHP)	5	110

* Refer to Table 7 for full ABN results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 8b to 8e for monitoring location ID's.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

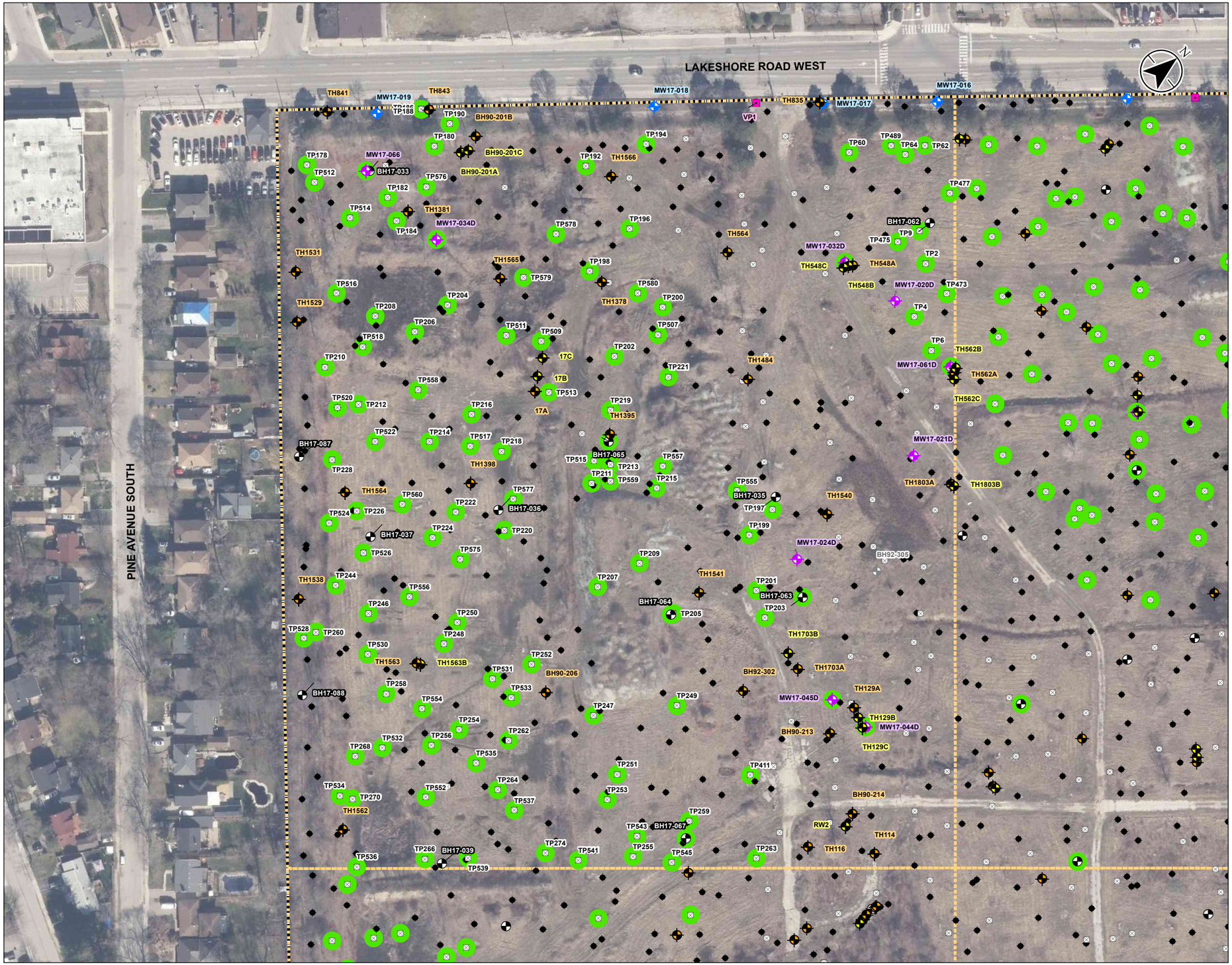
Client/Project
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
8a

Title
Summary of Soil Analytical Results - Acid/Base Neutrals

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Biphenyl, 1,1'- (Biphenyl)	1.1
Bis(2-Ethylhexyl)phthalate (DEHP)	5

* Refer to Table 7 for full ABN results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

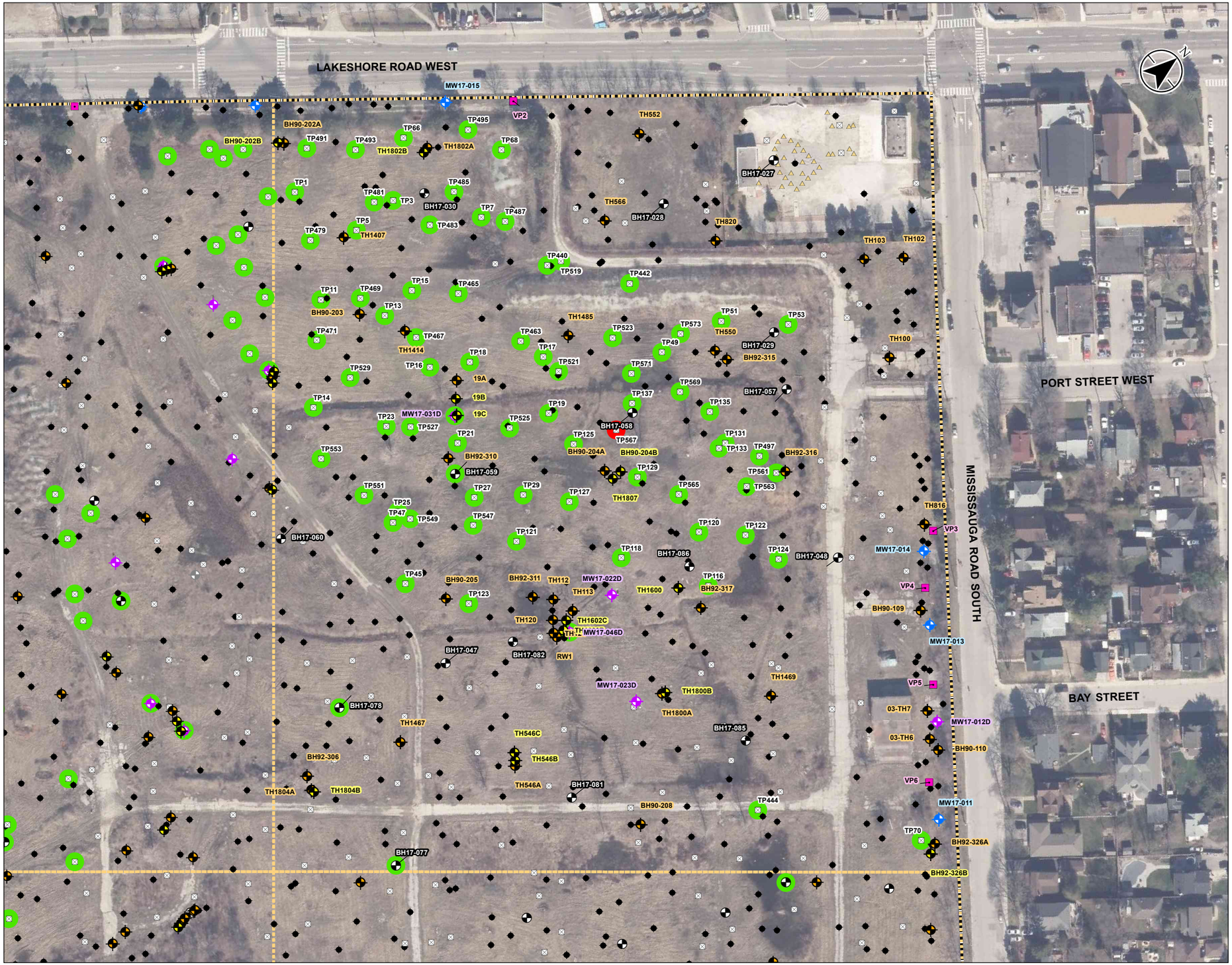
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
8b

Title
Summary of Soil Analytical Results - Acid/Base Neutrals - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Biphenyl, 1,1'- (Biphenyl)	1.1
Bis(2-Ethylhexyl)phthalate (DEHP)	5

* Refer to Table 7 for full ABN results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard

Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

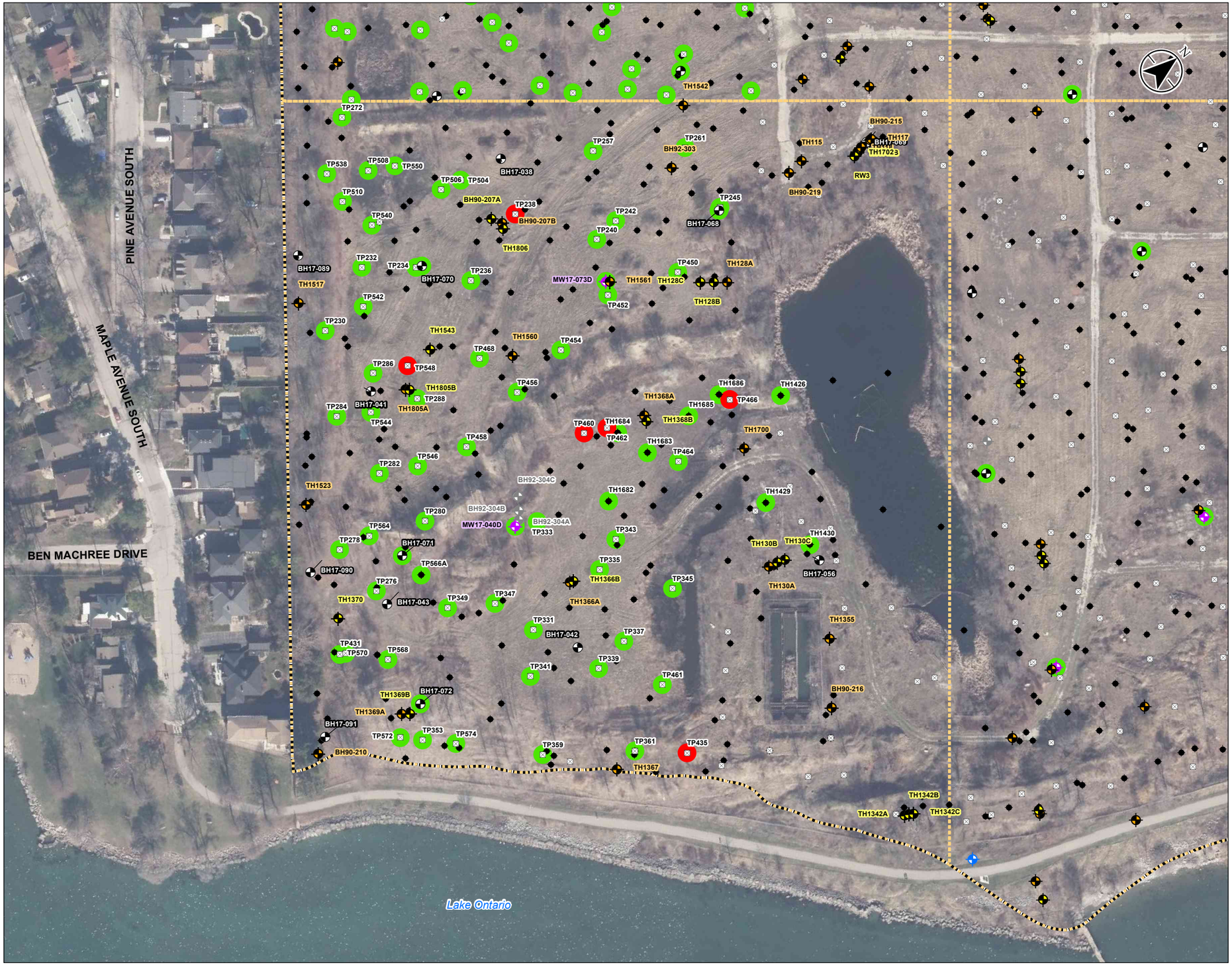
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Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
8c

Title
Summary of Soil Analytical Results - Acid/Base Neutrals - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Biphenyl, 1,1'- (Biphenyl)	1.1
Bis(2-Ethylhexyl)phthalate (DEHP)	5

* Refer to Table 7 for full ABN results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

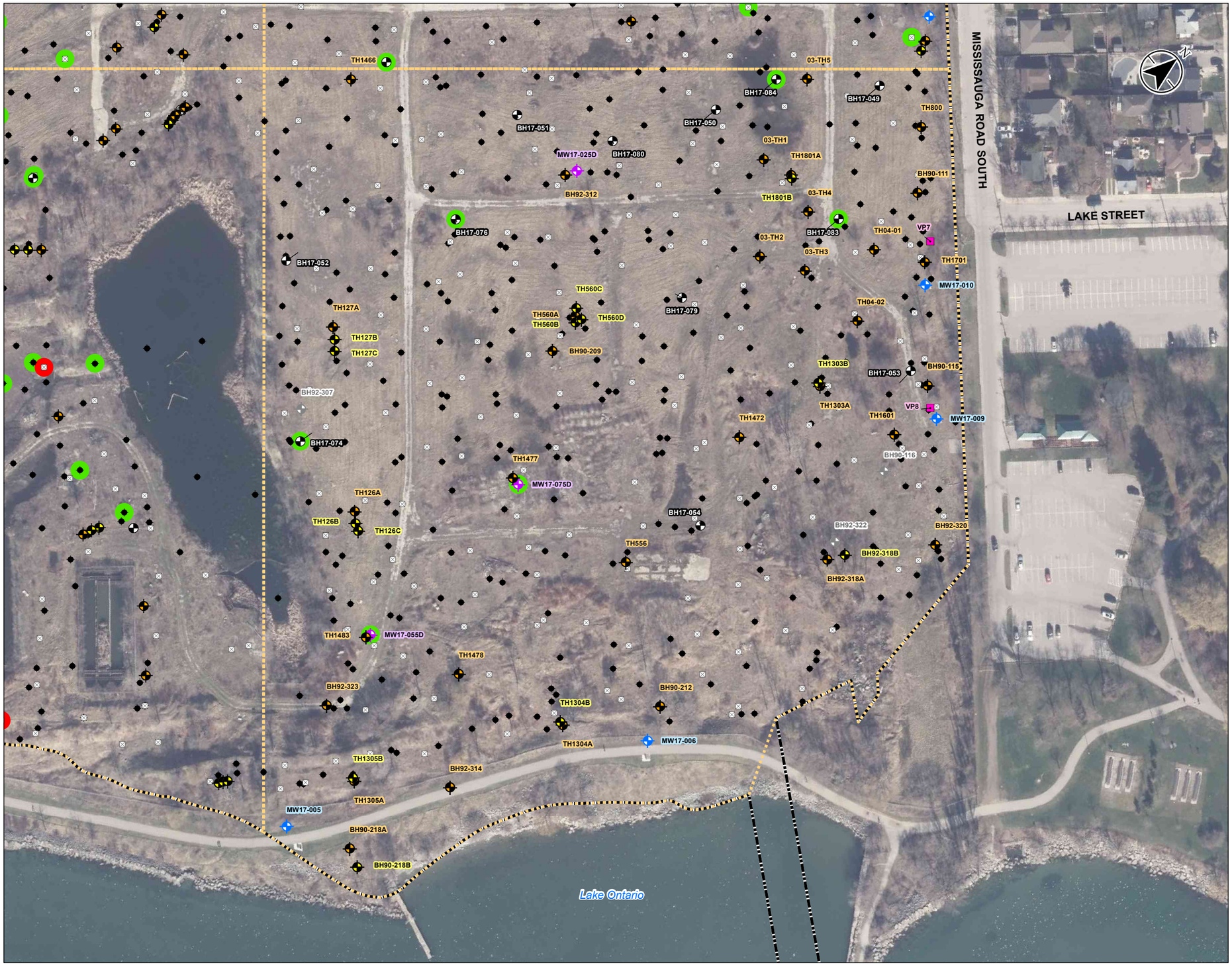
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
8d

Title
Summary of Soil Analytical Results - Acid/Base Neutrals - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Biphenyl, 1,1'- (Biphenyl)	1.1
Bis(2-Ethylhexyl)phthalate (DEHP)	5

* Refer to Table 7 for full ABN results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

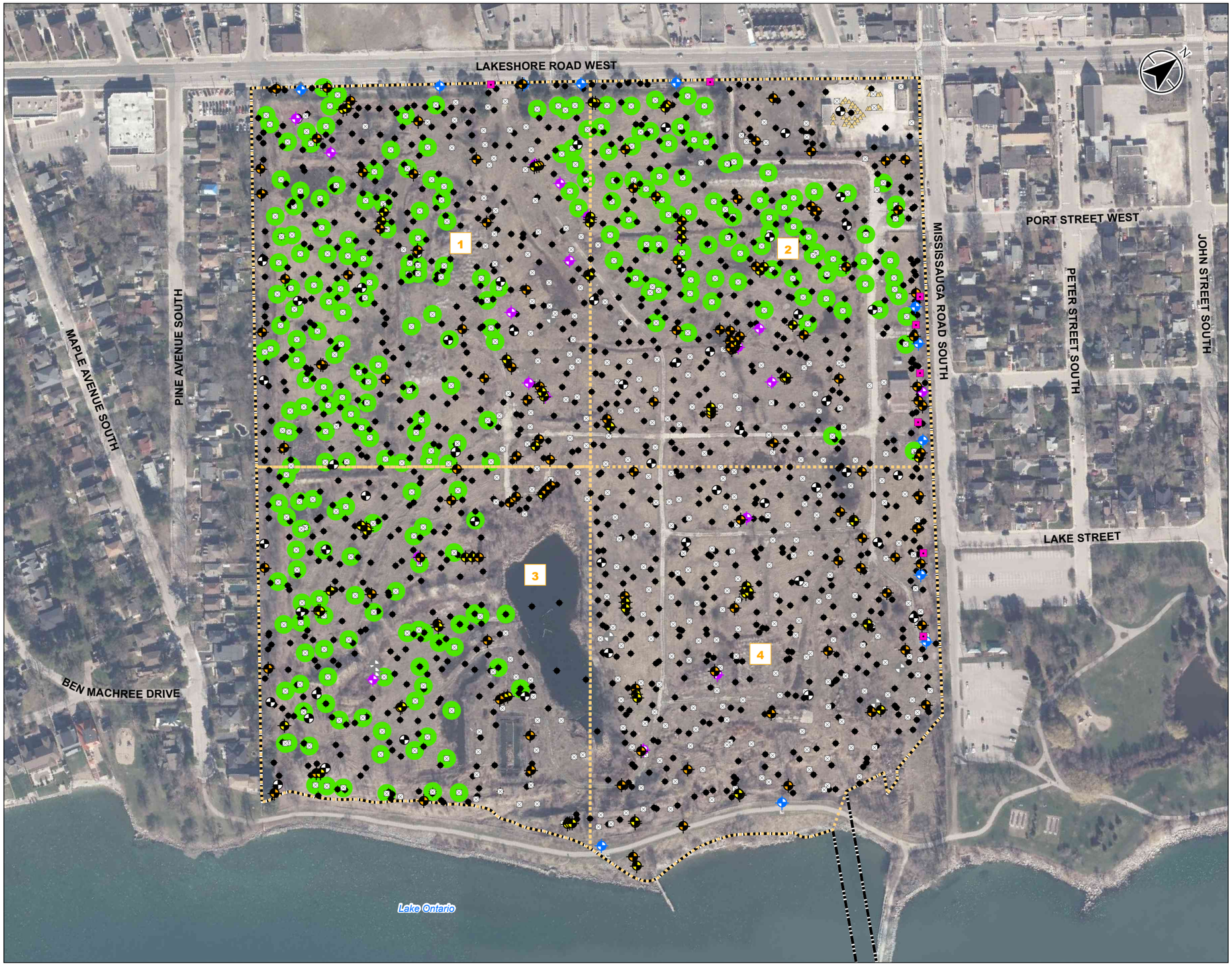
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
8e

Title
Summary of Soil Analytical Results - Acid/Base Neutrals - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg, 153/04 - Table 3 SCS)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

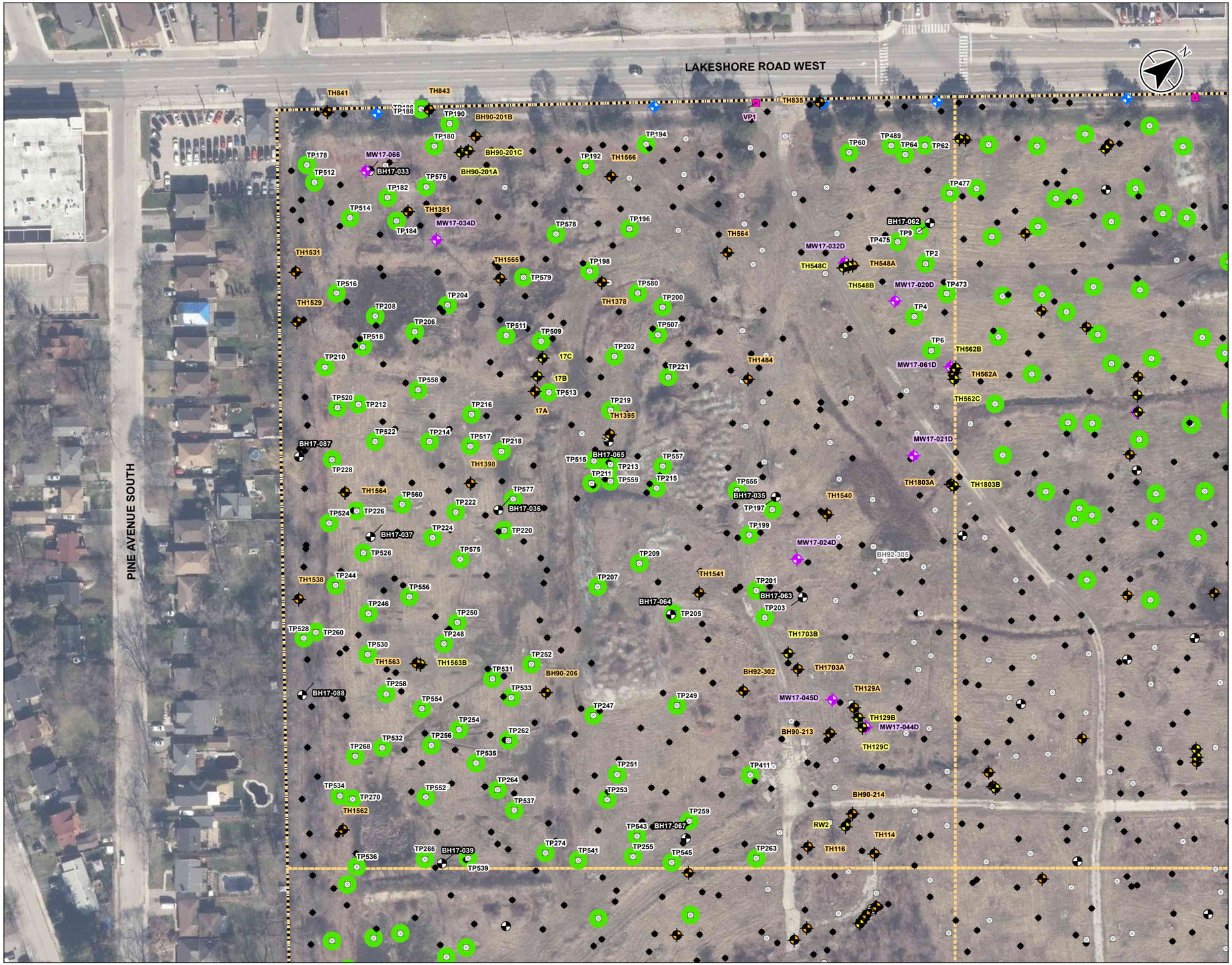
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
9a

Title
Summary of Soil Analytical Results - Chlorophenols

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V:\Cd\122120\work_group\00\221\active\122120255\planning\drawing\WKN Phase II ESA Summary\122120255 Phase II ESA FigNo SitePlan SG Results CPs.mxd Revised: 2018-03-02 By: pmoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

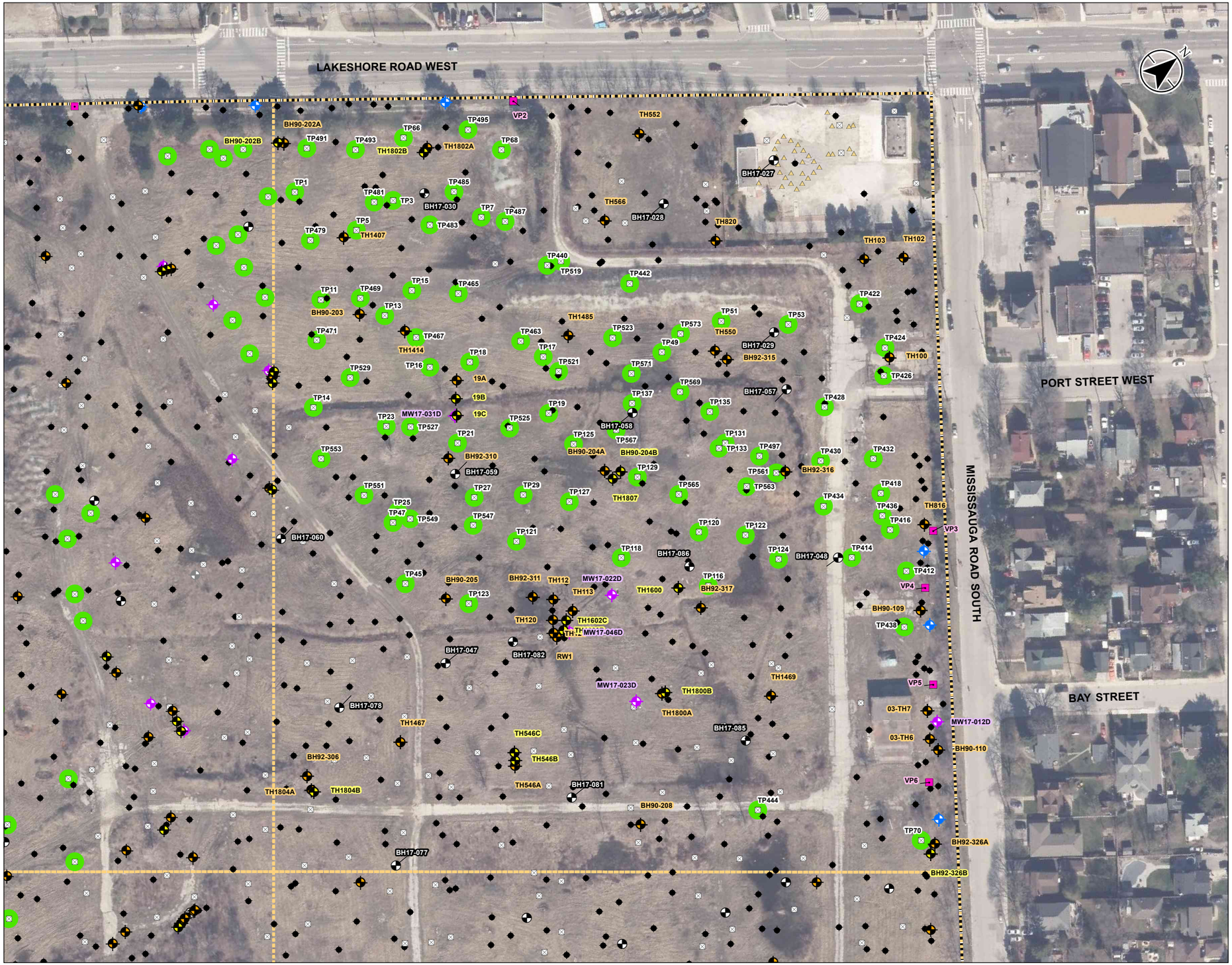
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
9b

Title
Summary of Soil Analytical Results - Chlorophenols - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

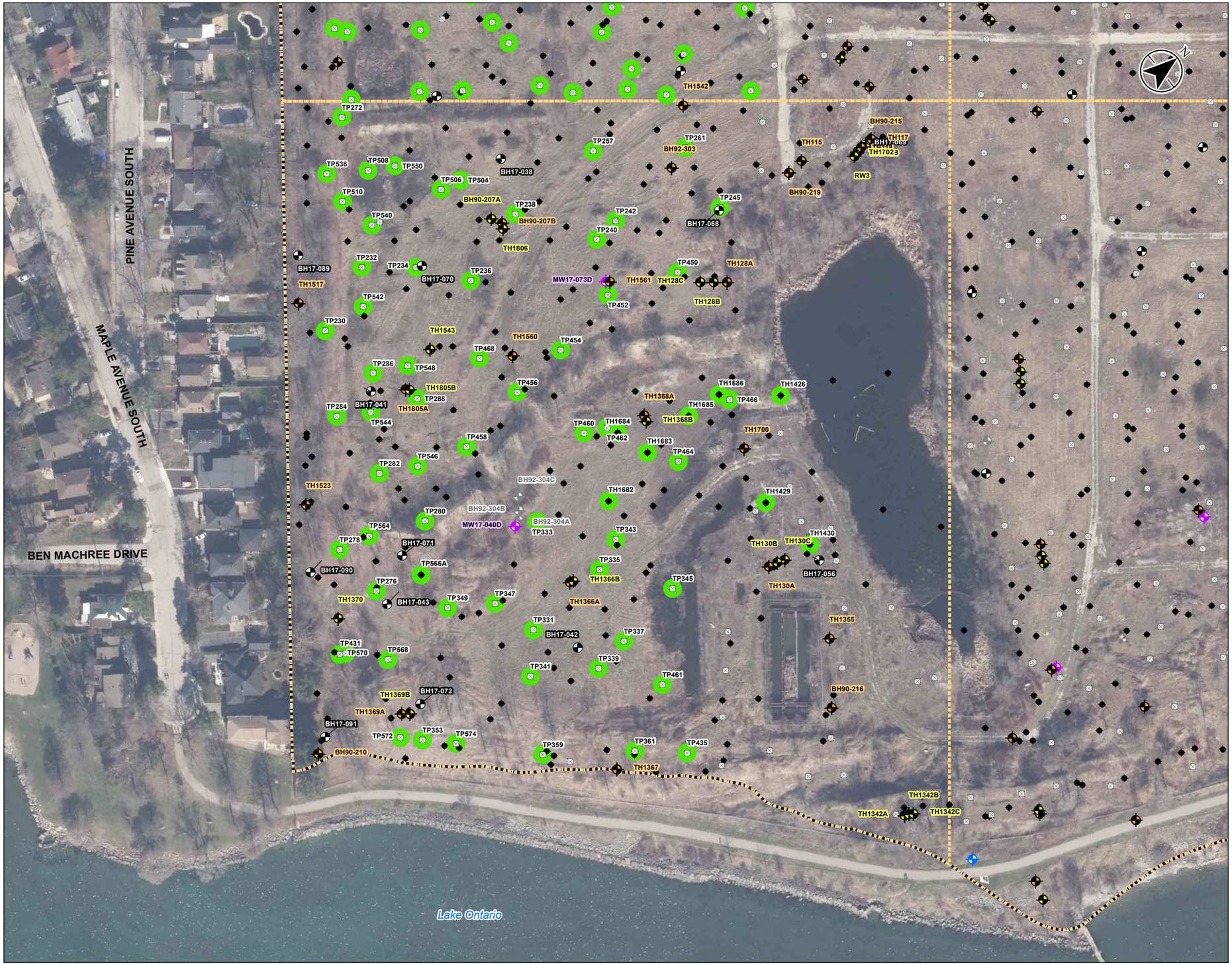
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
9c

Title
Summary of Soil Analytical Results - Chlorophenols - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

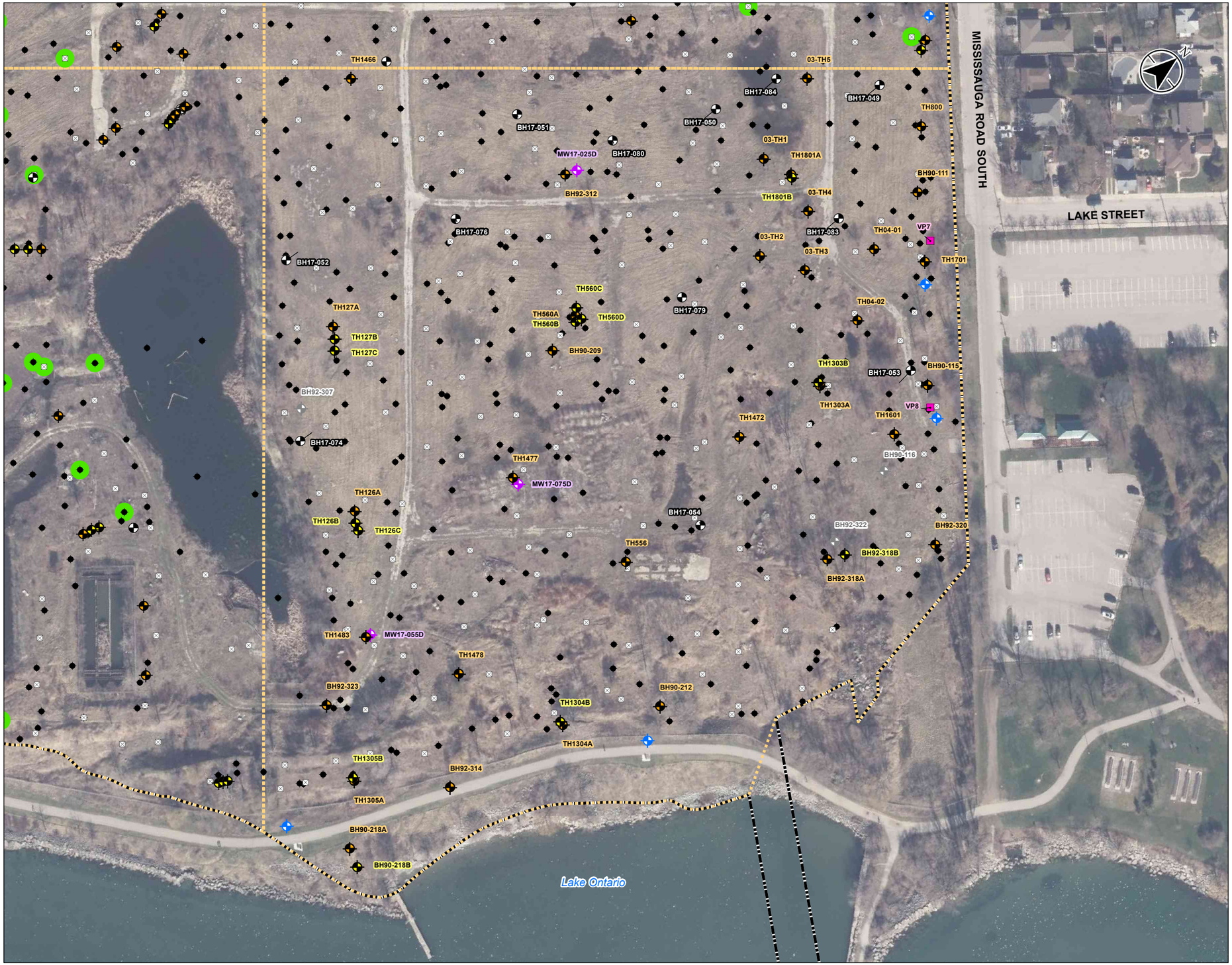
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
9d

Title
Summary of Soil Analytical Results - Chlorophenols - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

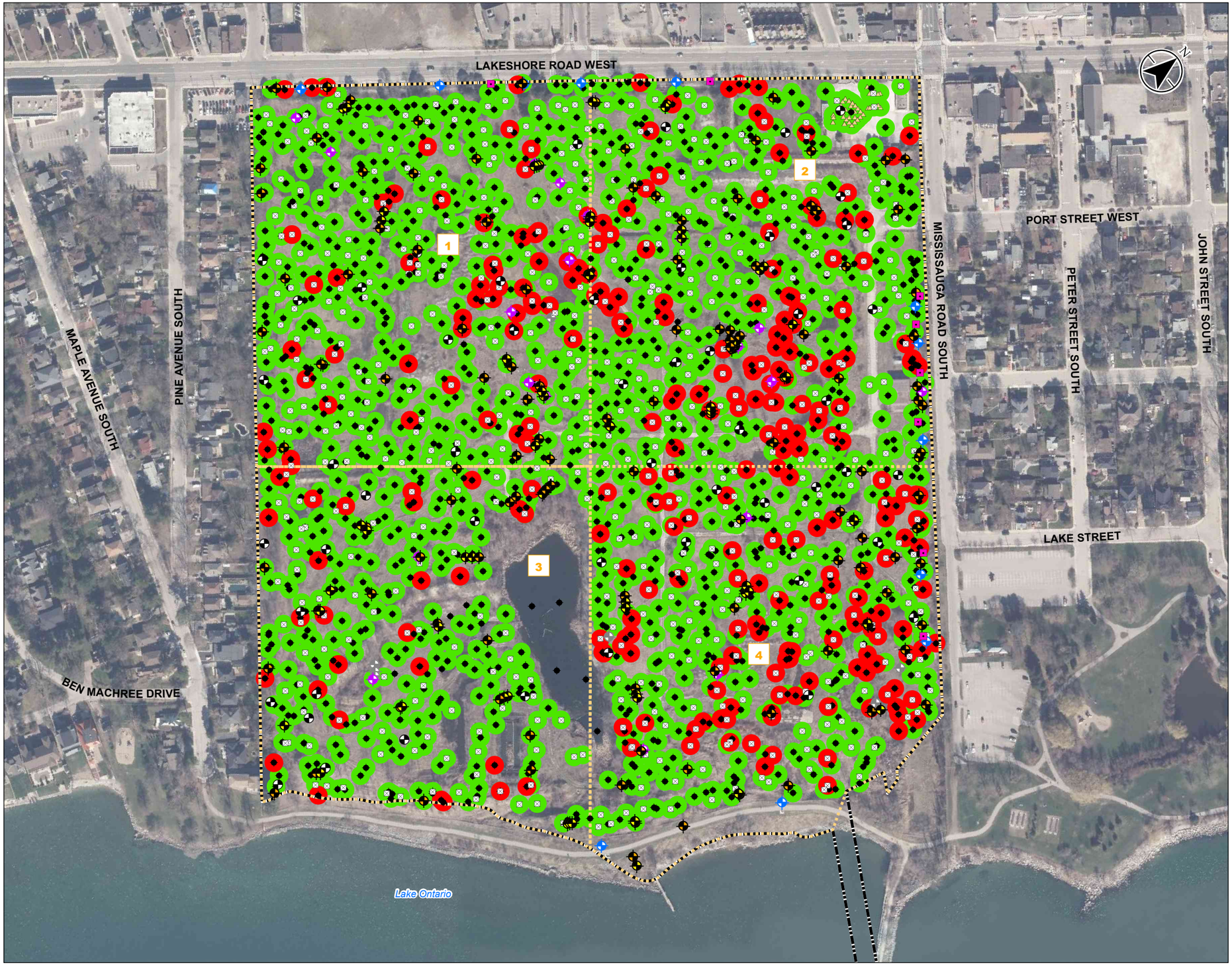
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
9e

Title
Summary of Soil Analytical Results - Chlorophenols - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
Antimony	7.5	31
Arsenic	18	330
Barium	390	3,000
Boron (Available)	1.5	13
Cadmium	1.2	14
Chromium	160	360
Cobalt	22	120
Copper	180	19,000
Lead	120	16,000
Mercury	1.8	64
Molybdenum	6.9	76
Nickel	130	660
Selenium	2.4	37
Thallium	1	2.8
Vanadium	86	930
Zinc	340	3,100

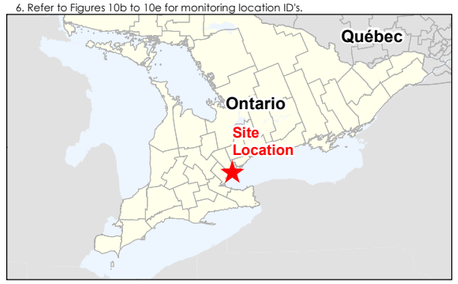
* Refer to Table 9 for full Metals results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 10b to 10e for monitoring location ID's.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

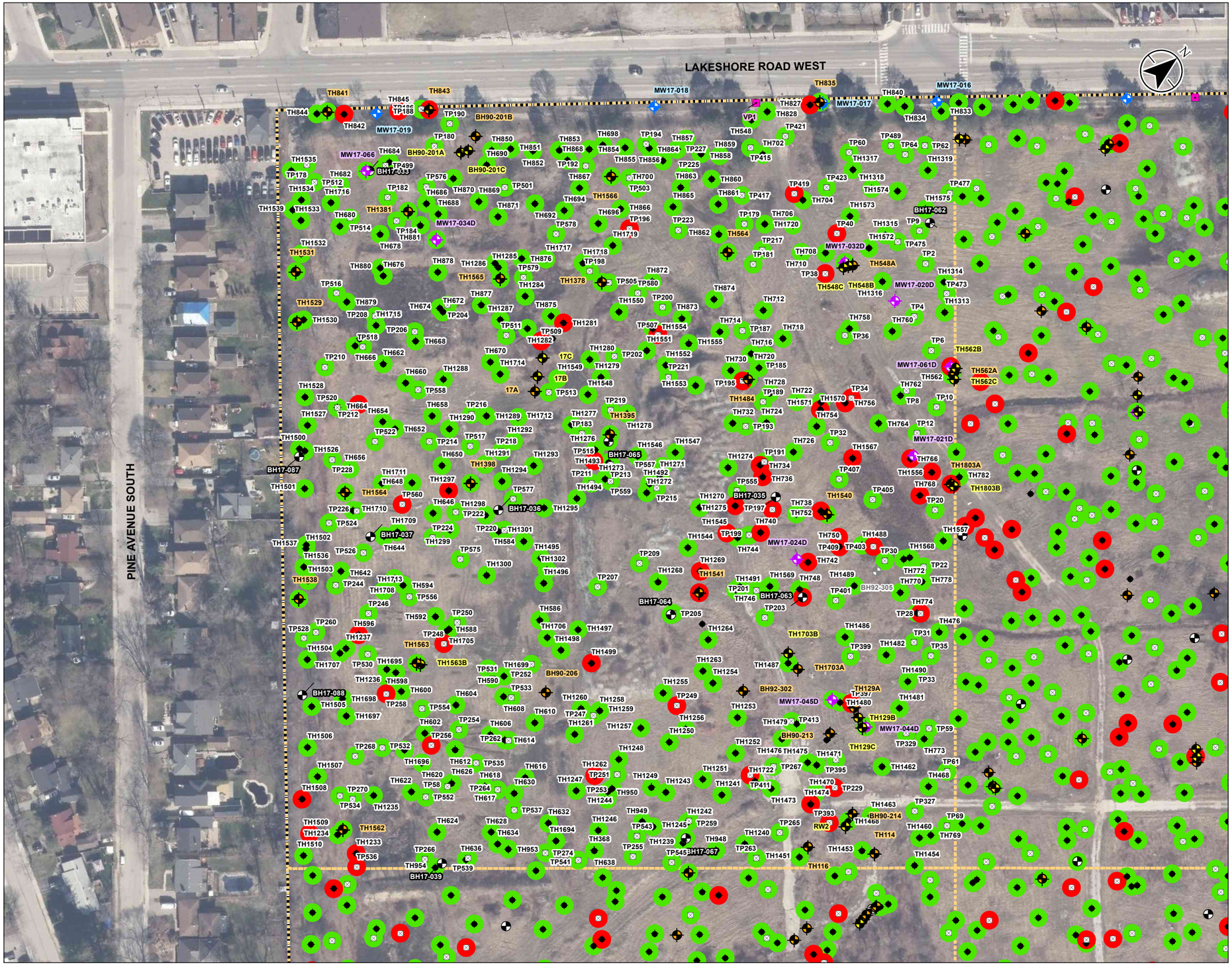
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
10a

Title
Summary of Soil Analytical Results - Metals

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Antimony	7.5
Arsenic	18
Barium	390
Boron (Available)	1.5
Cadmium	1.2
Chromium	160
Cobalt	22
Copper	180
Lead	120
Mercury	1.8
Molybdenum	6.9
Nickel	130
Selenium	2.4
Thallium	1
Vanadium	86
Zinc	340

* Refer to Table 9 for full Metals results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

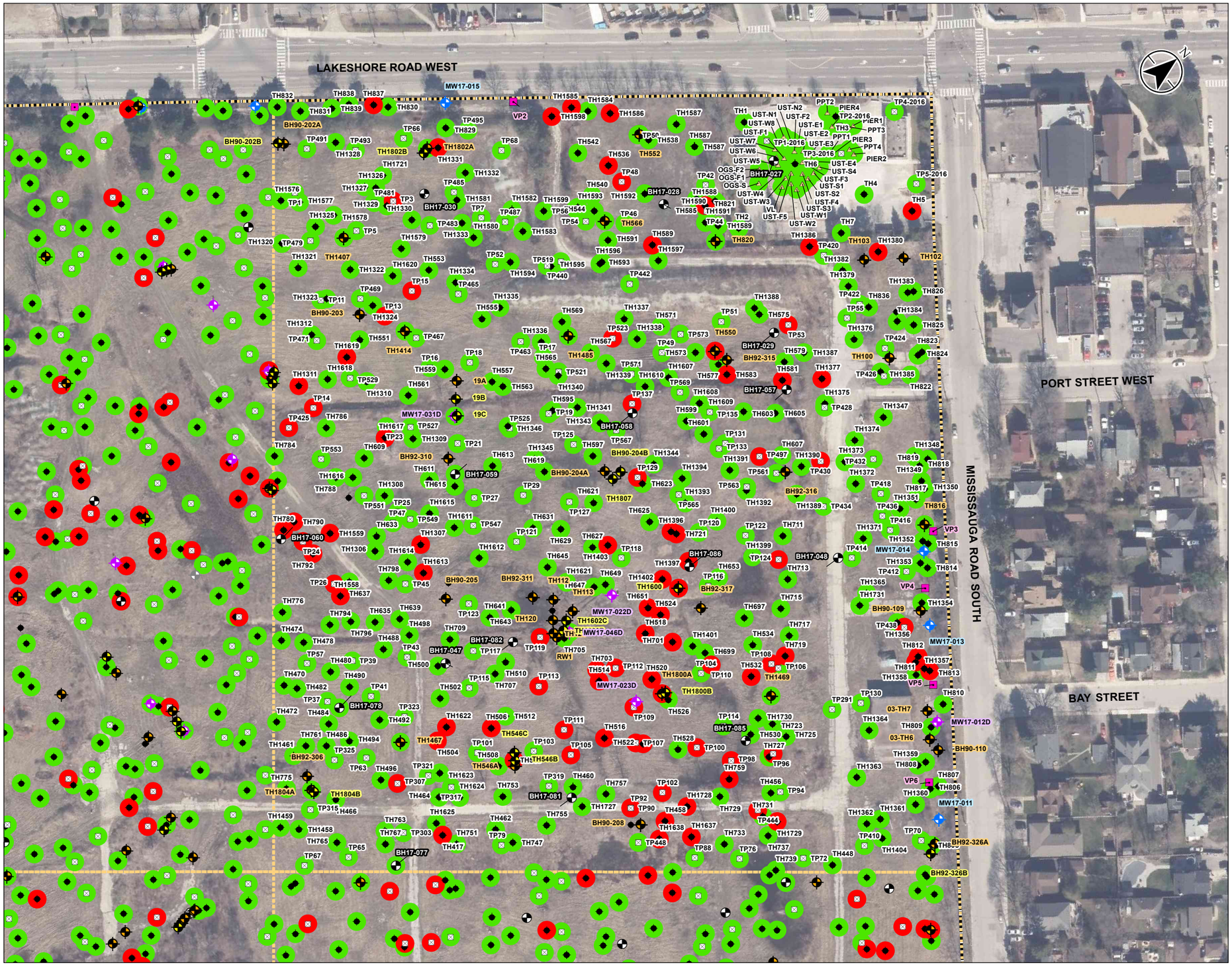
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
10b

Title
Summary of Soil Analytical Results - Metals - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration
Antimony	7.5	31
Arsenic	18	330
Barium	390	3,000
Boron (Available)	1.5	13
Cadmium	1.2	14
Chromium	160	360
Cobalt	22	120
Copper	180	19,000
Lead	120	16,000
Mercury	1.8	64
Molybdenum	6.9	76
Nickel	130	660
Selenium	2.4	37
Thallium	1	2.8
Vanadium	86	930
Zinc	340	3,100

* Refer to Table 9 for full Metals results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-01
Technical Review by NM on 2018-03-01

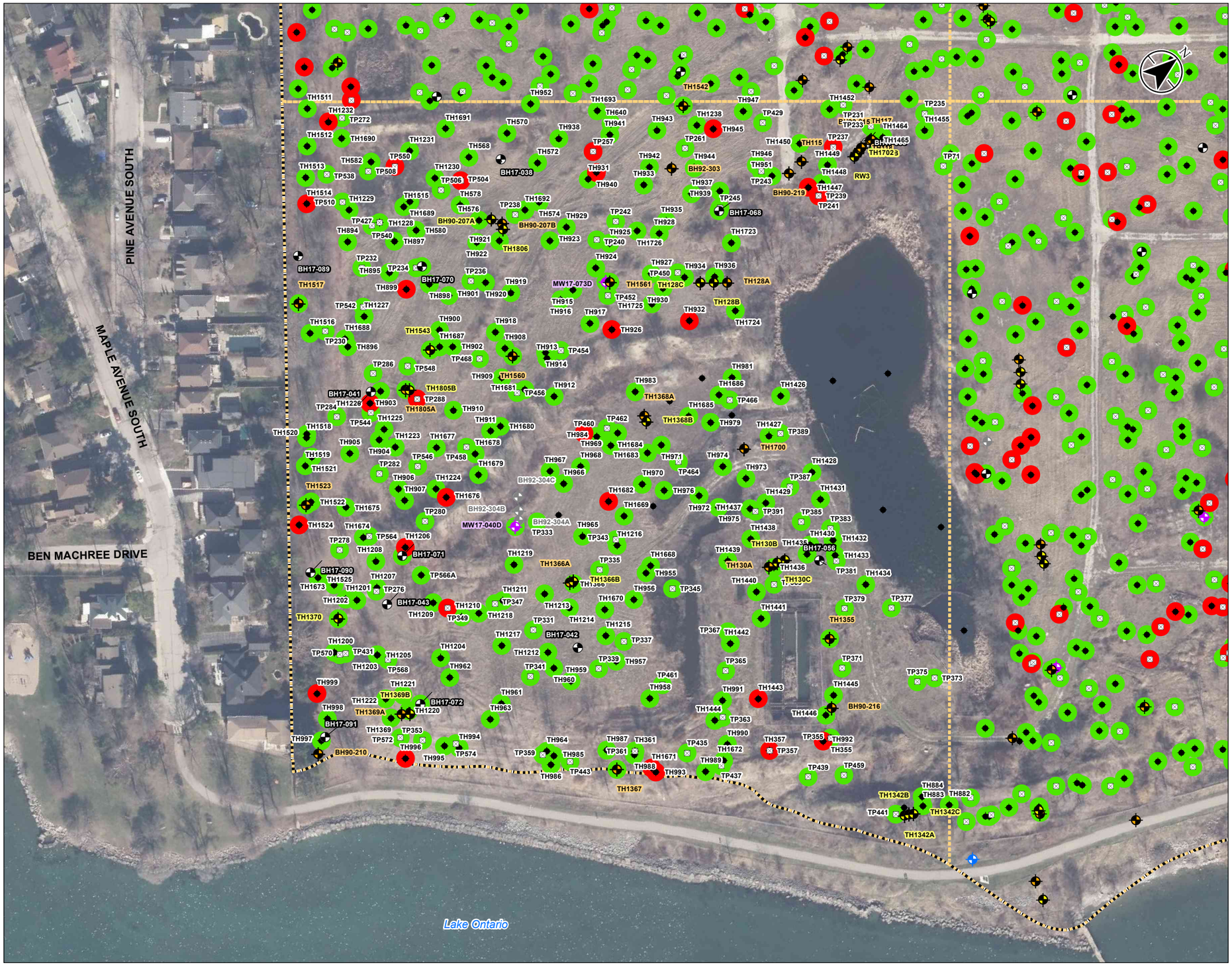
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

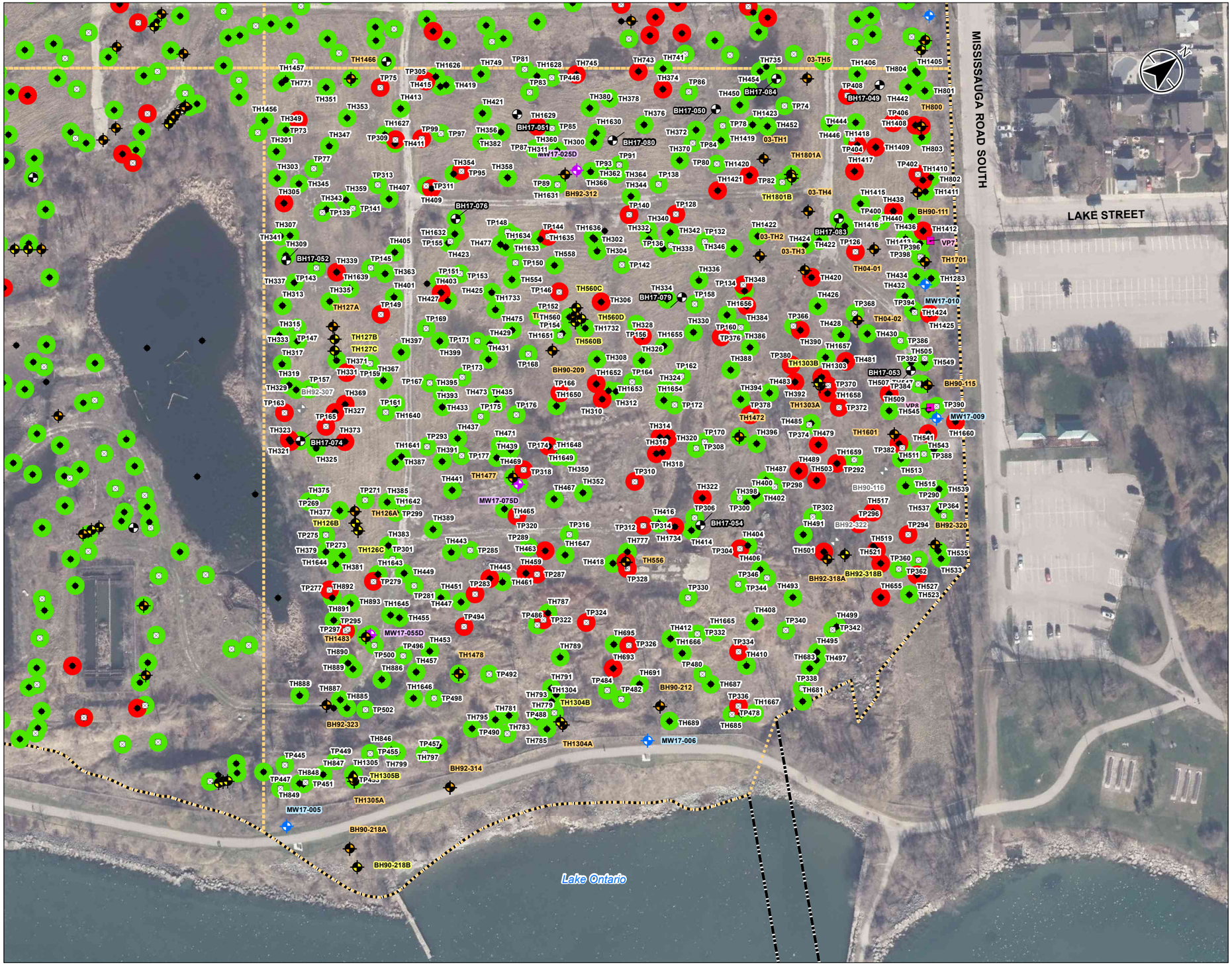
Figure No.
10c

Title
Summary of Soil Analytical Results - Metals - Quadrant 2

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PINE AVENUE SOUTH
MAPLE AVENUE SOUTH
BEN MACHREE DRIVE
Lake Ontario
TH1511
TH1232
TP272
TH1512
TH1690
TH1231
TP550
TH582
TP508
TH1513
TP538
TH1230
TP506
TP504
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TP510
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TH1515
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TH971
TH974
TH973
TH1428
TH967
TH966
TH970
TP464
TH1682
TH976
TH1669
TH1668
TH955
TP



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Antimony	7.5
Arsenic	18
Barium	390
Boron (Available)	1.5
Cadmium	1.2
Chromium	160
Cobalt	22
Copper	180
Lead	120
Mercury	1.8
Molybdenum	6.9
Nickel	130
Selenium	2.4
Thallium	1
Vanadium	86
Zinc	340

* Refer to Table 9 for full Metals results.

0 25 50 metres

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Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

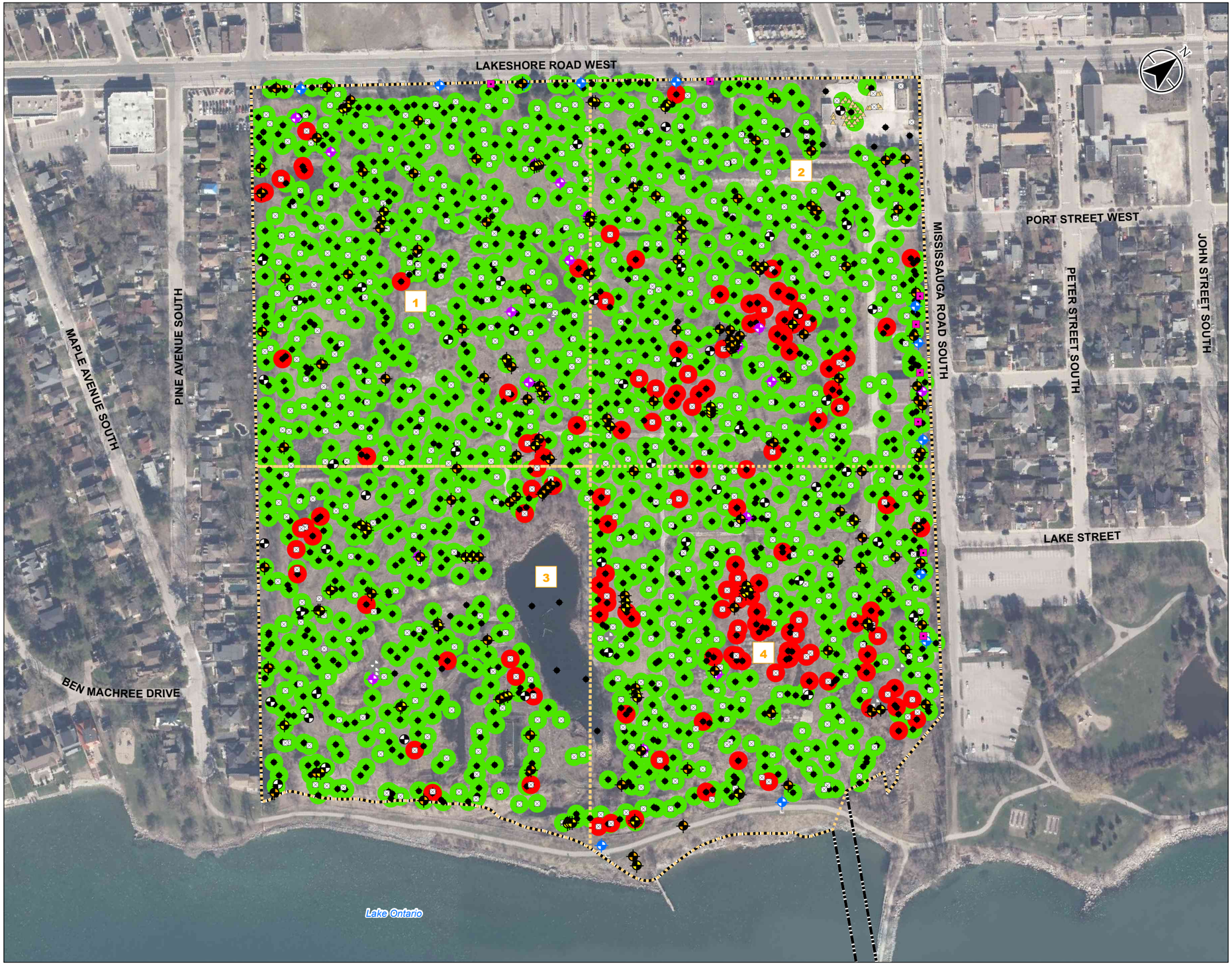
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
10e

Title
Summary of Soil Analytical Results - Metals - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (mS/cm)	Maximum Concentration (mS/cm)
Electrical Conductivity, Lab	0.7	7.3
Sodium Adsorption Ratio	5 (value)	120 (value)

* Refer to Table 10 for full EC and SAR results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 11b to 11e for monitoring location ID's.
7. EC and SAR - Electrical Conductivity and Sodium Adsorption Ratio



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

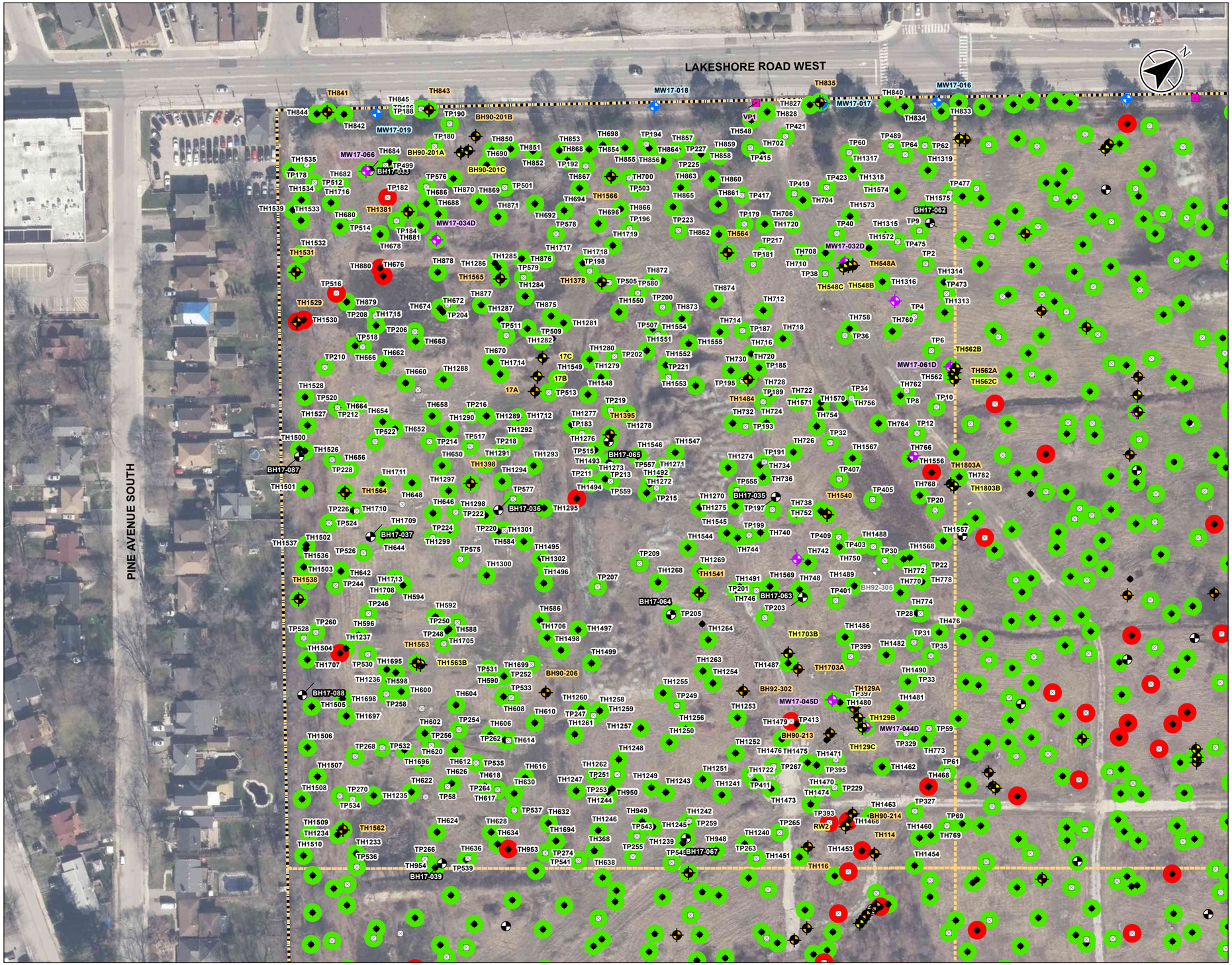
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Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
11a

Title
Summary of Soil Analytical Results - EC and SAR

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. EC and SAR - Electrical Conductivity and Sodium Adsorption Ratio



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

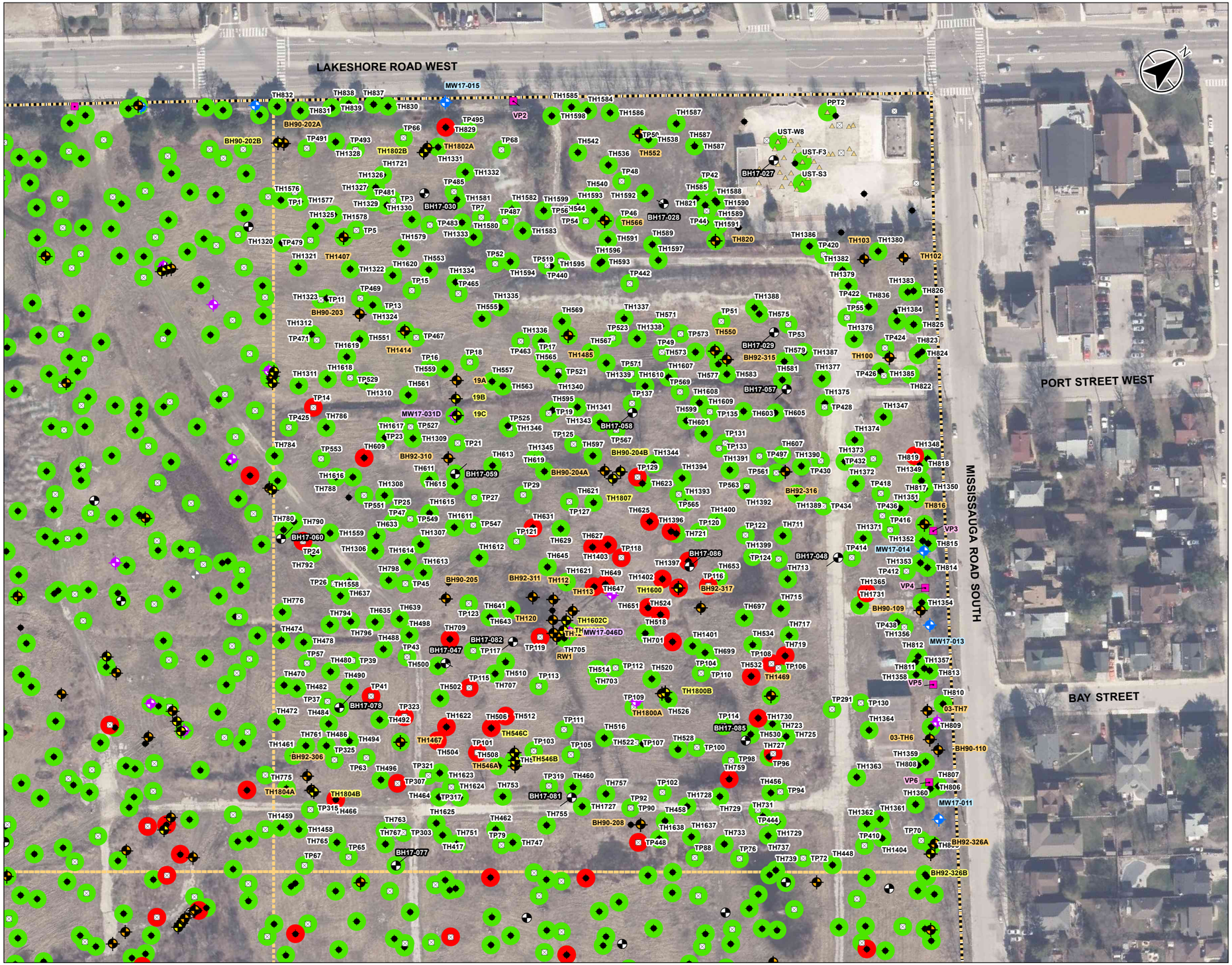
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
11b

Title
Summary of Soil Analytical Results - EC and SAR - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. EC and SAR - Electrical Conductivity and Sodium Adsorption Ratio



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
11c

Title
Summary of Soil Analytical Results - EC and SAR - Quadrant 2

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PINE AVENUE SOUTH

MAPLE AVENUE SOUTH

BEN MACHREE DRIVE

Lake Ontario

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. EC and SAR - Electrical Conductivity and Sodium Adsorption Ratio



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

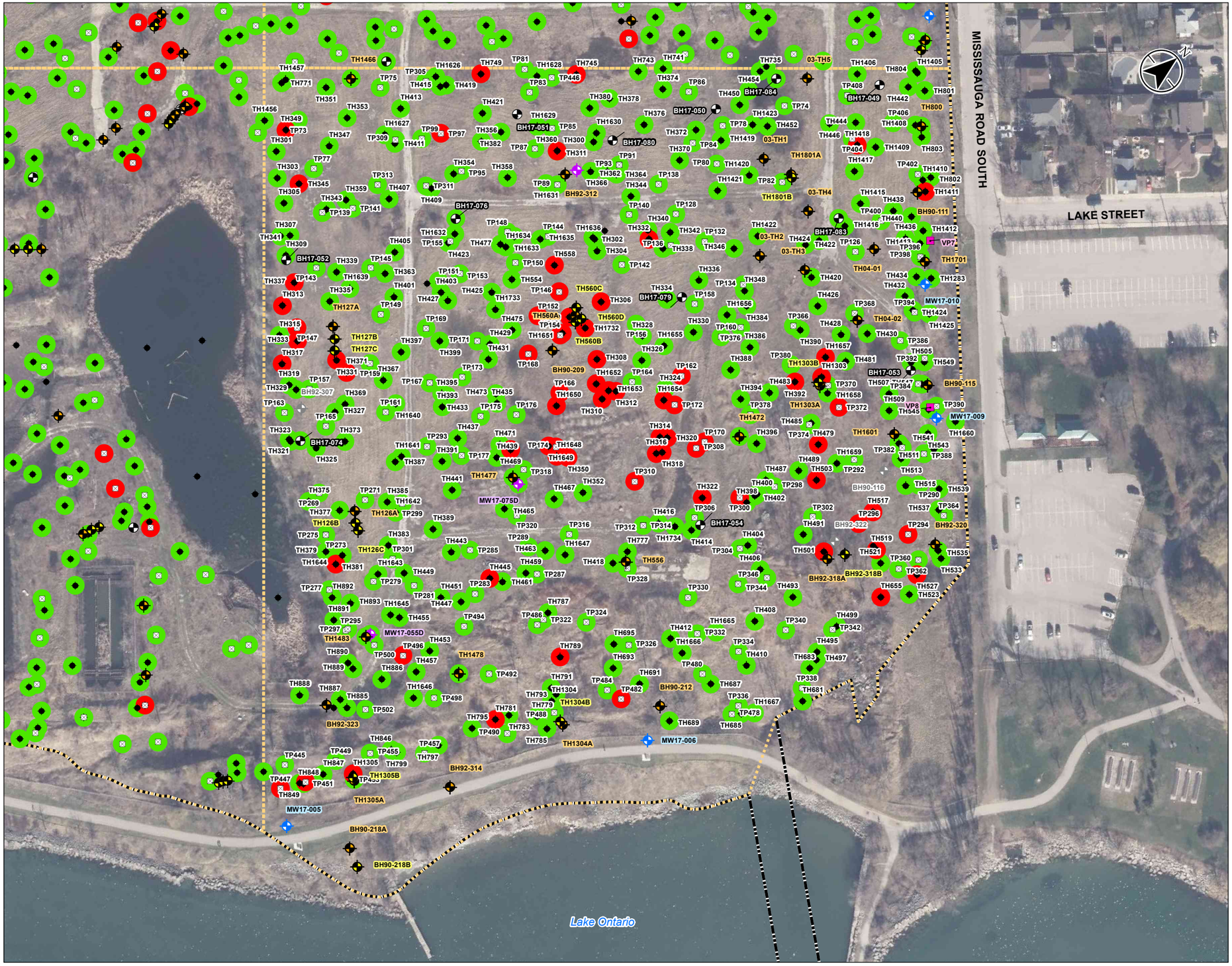
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
11d

Title
Summary of Soil Analytical Results - EC and SAR - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. EC and SAR - Electrical Conductivity and Sodium Adsorption Ratio



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

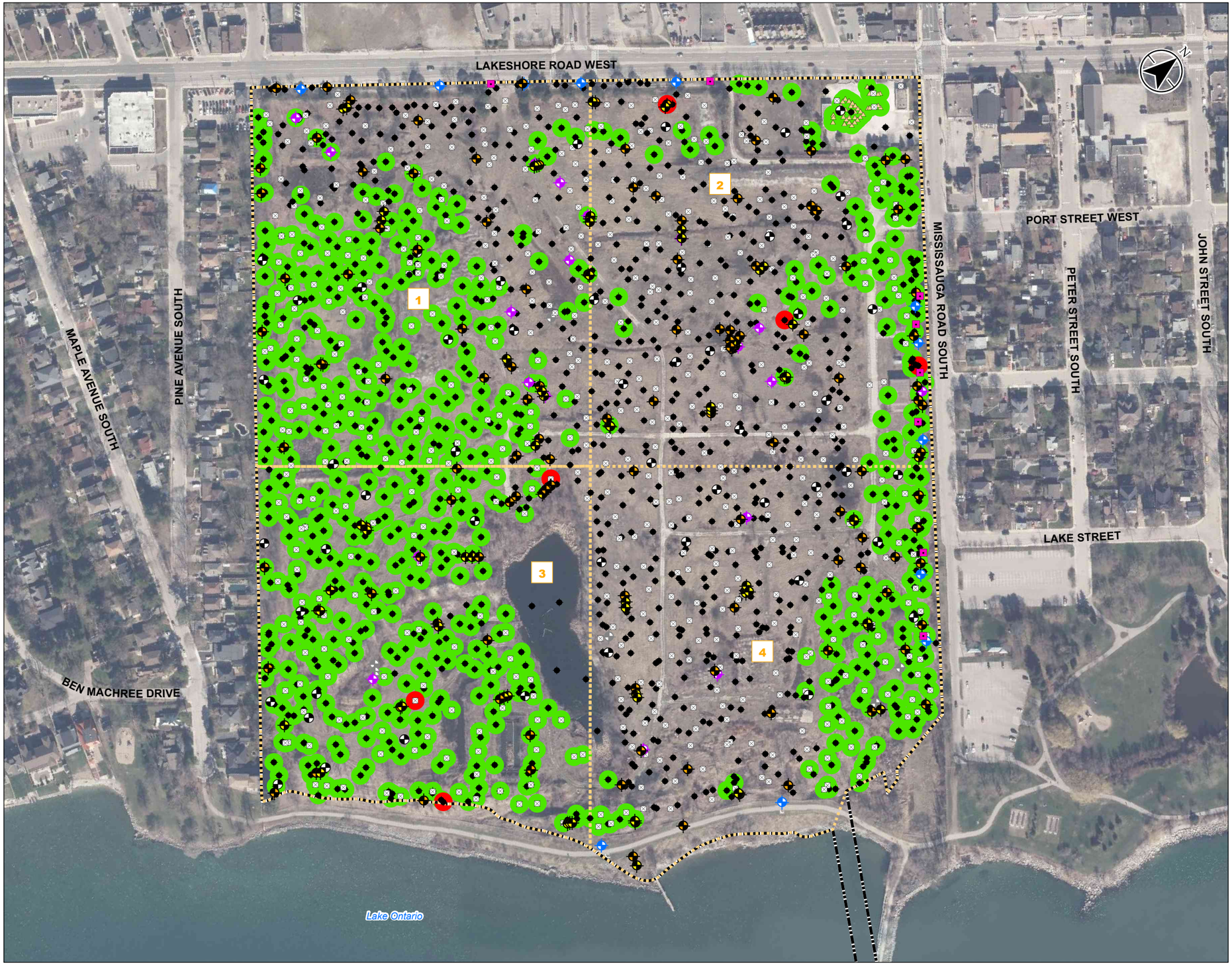
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
11e

Title
Summary of Soil Analytical Results - EC and SAR - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/g)	Maximum Concentration (µg/g)
Polychlorinated Biphenyls	0.35	6.1

* Refer to Table 11 for full PCB results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 12b to 12e for monitoring location ID's.
7. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

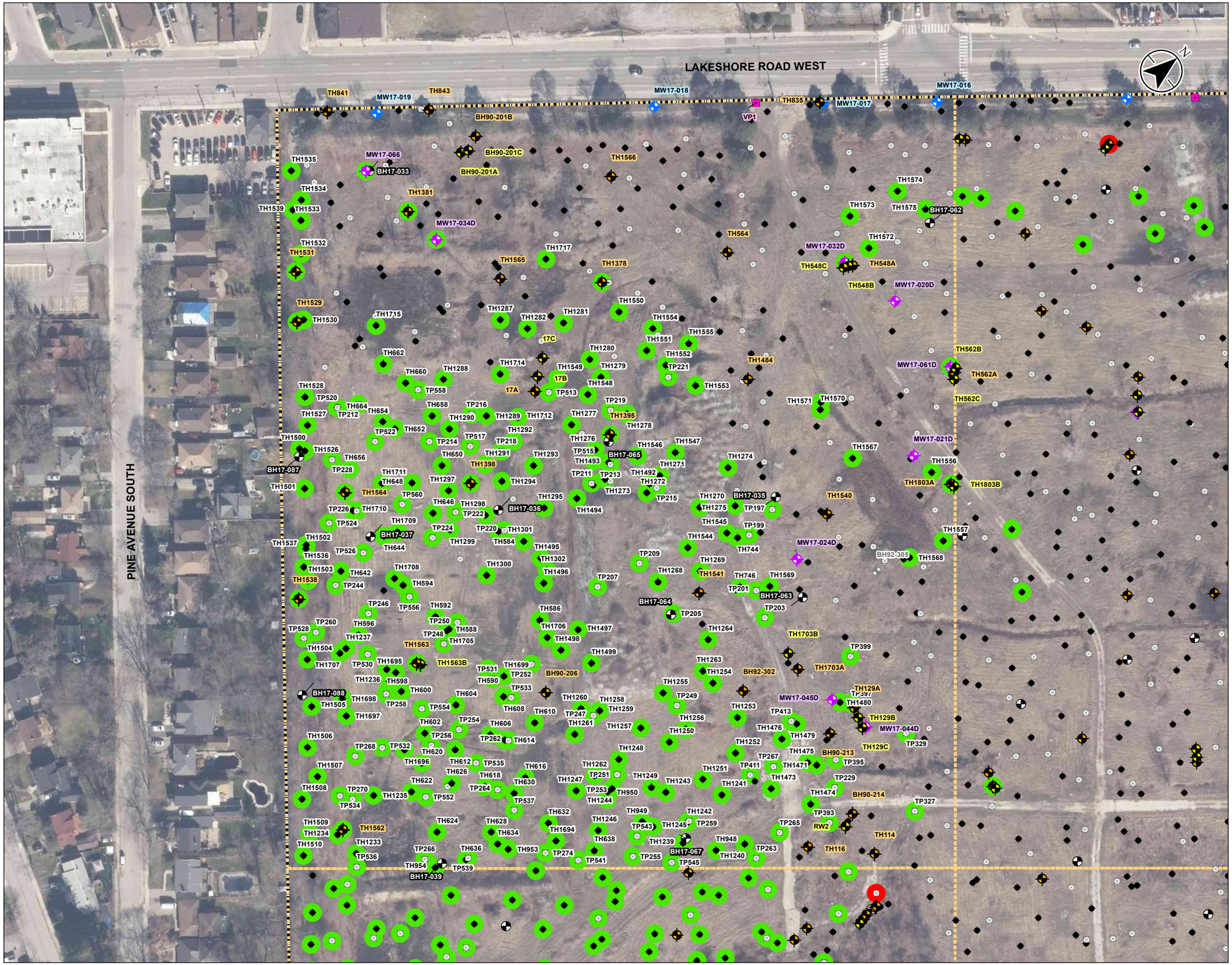
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
12a

Title
Summary of Soil Analytical Results - PCBs

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Polychlorinated Biphenyls	0.35

* Refer to Table 11 for full PCB results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

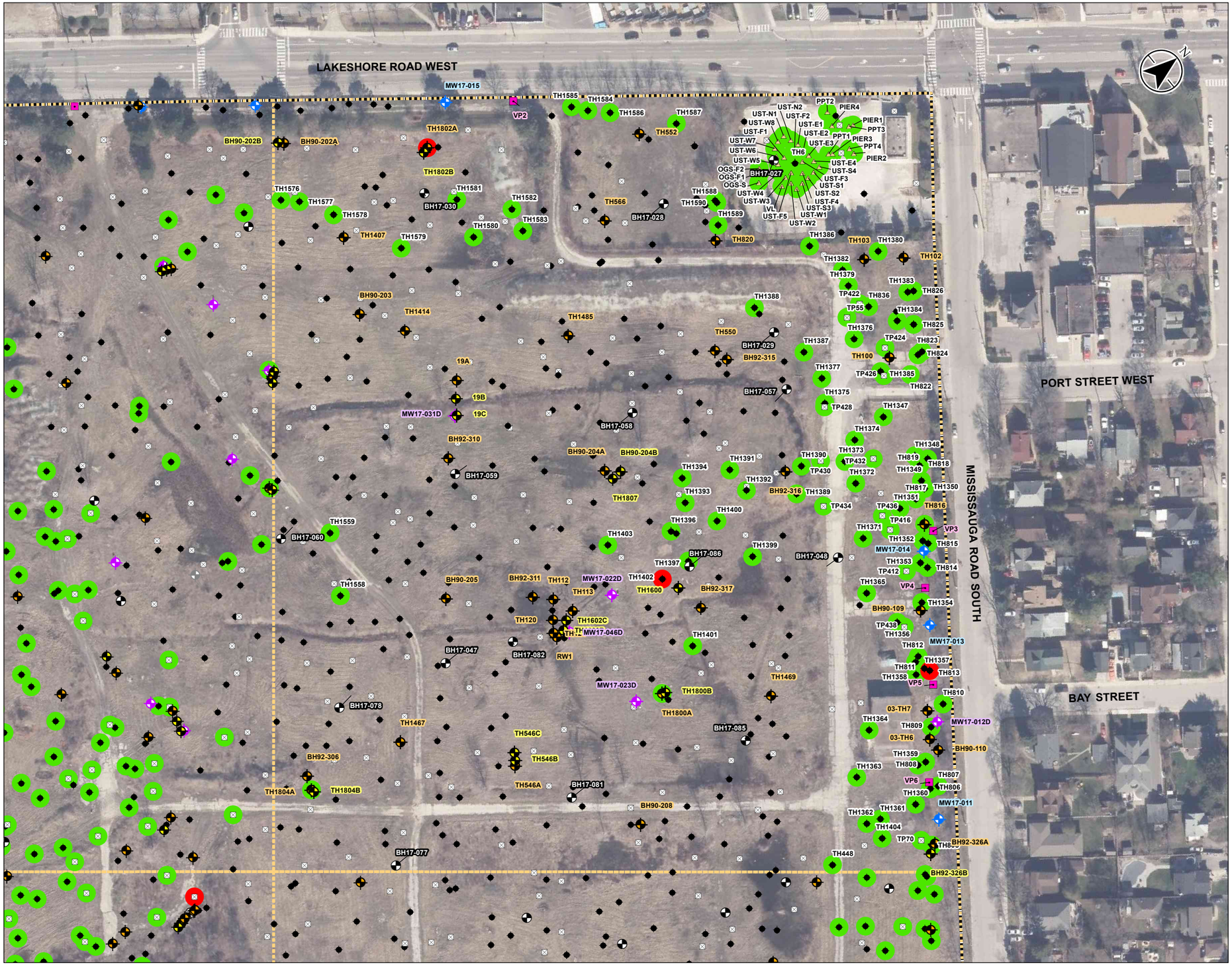
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
12b

Title
Summary of Soil Analytical Results - PCBs - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Polychlorinated Biphenyls	0.35

* Refer to Table 11 for full PCB results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

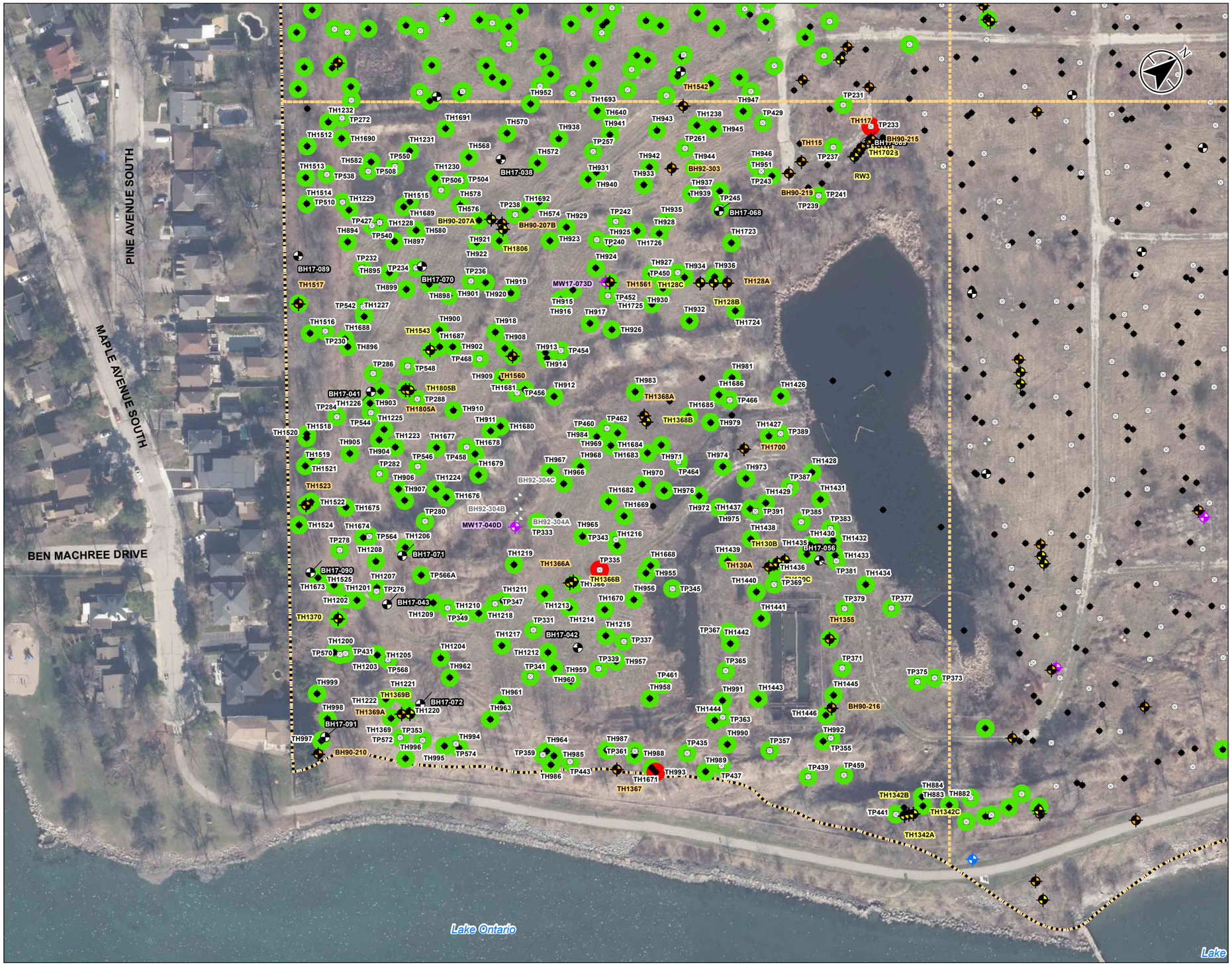
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
12c

Title
Summary of Soil Analytical Results - PCBs - Quadrant 2

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\\Cd1224h02.work.group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Fig12b_12c_SitePlan SO Results_PCBs.mxd Revised: 2018-03-02 By: jmoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Polychlorinated Biphenyls	0.35

* Refer to Table 11 for full PCB results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

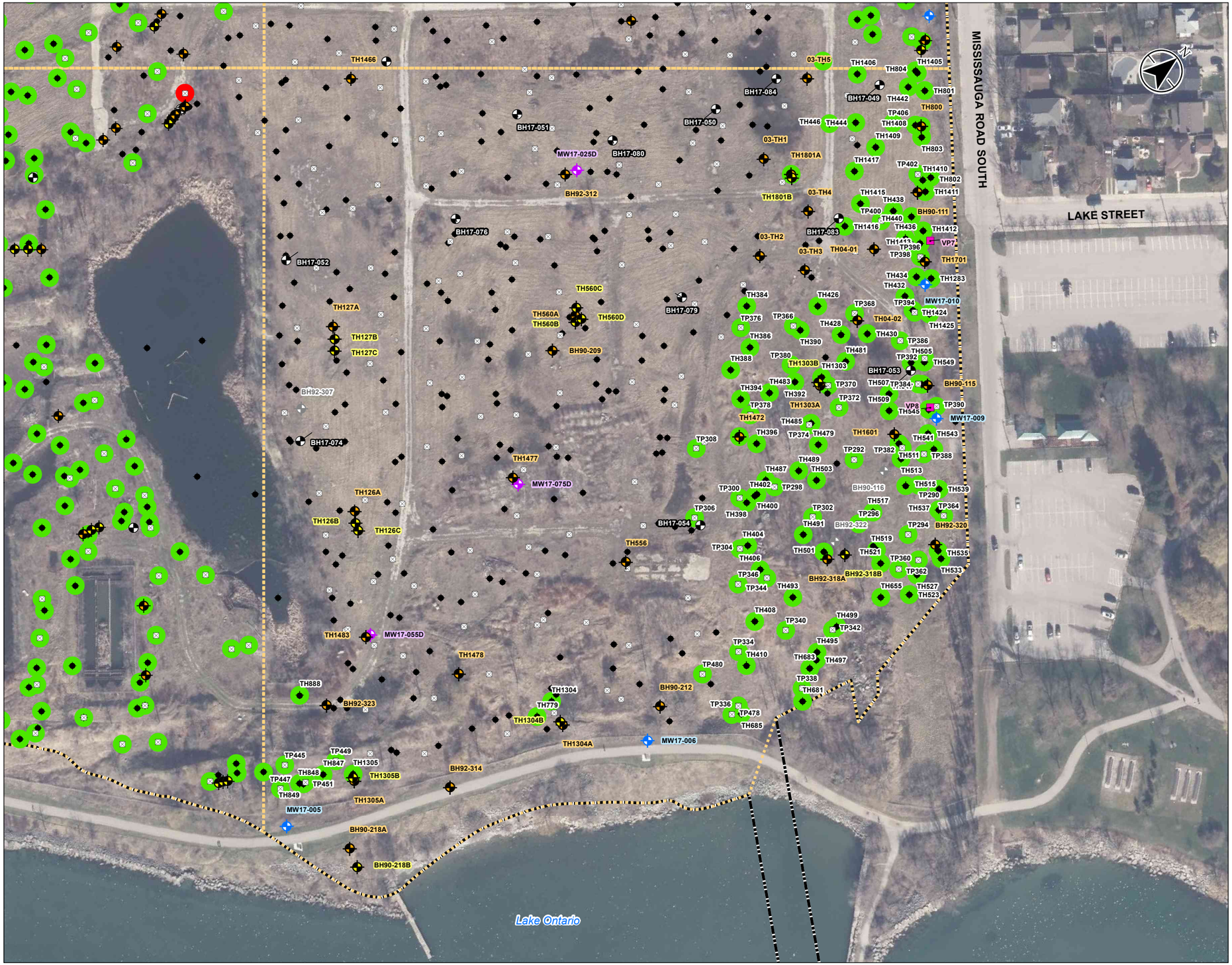
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
12d

Title
Summary of Soil Analytical Results - PCBs - Quadrant 3

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\\Cd1220-f02\work_group\v0\122120255\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA Fig12b_21pb_StePan SO Results PCBs.mxd Revised: 2018-03-02 By: pmosier



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Polychlorinated Biphenyls	0.35

* Refer to Table 11 for full PCB results.

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

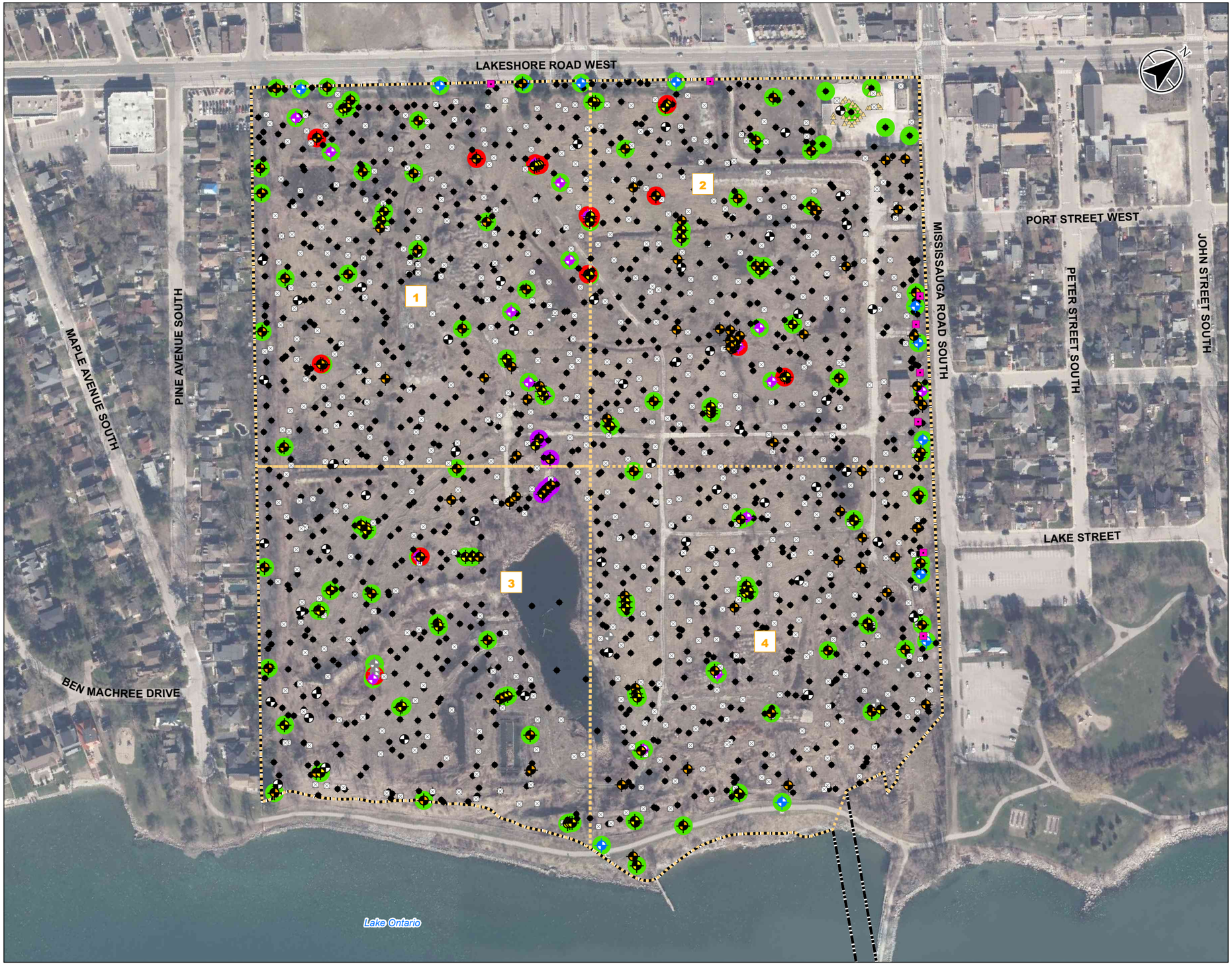
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
12e

Title
Summary of Soil Analytical Results - PCBs - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 -Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 -Table 3 SCS)
- Measureable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/L)	Maximum Concentration (µg/L)
Benzene	430	81,000
Ethylbenzene	2,300	2,400
Xylenes, Total	4,200	11,000

* Refer to Table 12 for full BTEX results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 13b to 13e for monitoring locations ID's.
7. BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
13a

Title
Summary of Groundwater Analytical Results - BTEX

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LAKESHORE ROAD WEST

MW17-019 : (0.91 - 2.74 m bgs)	
	01/23/2017
BTEX	< SCS

TH843 : (1.5 - 3 m bgs)	
	11/13/2013
BTEX	< SCS

BH90-201C : (12.2 - 16.8 m bgs)	
	01/28/2015
BTEX	< SCS

BH90-201B : (1.2 - 3.1 m bgs)	
	01/28/2015
BTEX	< SCS

TH1566 : (1.5 - 3 m bgs)	
	01/09/2014
BTEX	< SCS

MW17-018 : (0.91 - 2.74 m bgs)	
	01/20/2017
BTEX	< SCS

TH835 : (1.5 - 3 m bgs)	
	11/14/2013
BTEX	< SCS

MW17-017 : (1.07 - 3.2 m bgs)	
	01/20/2017
BTEX	< SCS

TH841 : (1.5 - 3 m bgs)		
	11/13/2013	09/21/2017
BTEX	< SCS	< SCS

BH90-201A : (6.1 - 10.6 m bgs)	
	01/28/2015
BTEX	< SCS

MW17-066 : (0.9 - 4 m bgs)	
	10/10/2017
BTEX	< SCS

TH1381 : (0.9 - 2.4 m bgs)			
	12/17/2013	01/05/2017	06/28/2017
Benzene	1,400 / 1,300	0.71	2,100

MW17-034D : (7.6 - 9.1 m bgs)	
	10/10/2017
BTEX	< SCS

TH1531 : (1 - 2.5 m bgs)	
	12/16/2013
BTEX	< SCS

TH1529 : (0.9 - 2.4 m bgs)		
	12/10/2013	09/29/2017
BTEX	< SCS	< SCS

TH1565 : (1.5 - 3 m bgs)		
	01/09/2014	06/28/2017
BTEX	< SCS	< SCS

TH1378 : (0.9 - 2.4 m bgs)	
	12/10/2013
BTEX	< SCS

17C : (Unknown)	
	01/29/2015
BTEX	< SCS

17B : (5.6 - 6.6 m bgs)	
	01/29/2015
BTEX	< SCS

TH1564 : (1.5 - 3 m bgs)	
	12/18/2013
BTEX	< SCS

TH1398 : (0.6 - 2.1 m bgs)	
	12/18/2013
BTEX	< SCS

TH1538 : (0.9 - 2.4 m bgs)	
	12/10/2013
BTEX	< SCS

TH1395 : (0.9 - 3 m bgs)	
	12/16/2013
BTEX	< SCS

TH1563 : (1.5 - 3 m bgs)		
	12/18/2013	01/05/2017
Benzene	1,300 / 1,300	1,400

TH1563B : (7.5 - 9 m bgs)		
	03/30/2015	01/23/2017
BTEX	< SCS	< SCS

TH1562 : (1.5 - 3 m bgs)	
	12/18/2013
BTEX	< SCS

TH1484 : (1.5 - 3 m bgs)	
	12/16/2013
BTEX	< SCS

TH1541 : (1.5 - 3.8 m bgs)			
	12/16/2013	06/14/2017	09/28/2017
BTEX	< SCS	< SCS	< SCS

TH1703B : (9.9 - 11.4 m bgs)		
	01/20/2014	06/14/2017
BTEX	< SCS	< SCS

MW17-045D : (15.2 - 16.8 m bgs)	
	10/10/2017
BTEX	< SCS

TH129C : (8.4 - 9.9 m bgs)	
	01/06/2017
BTEX	< SCS

MW17-044D : (5.5 - 7 m bgs)		
	10/10/2017	11/02/2017
BTEX	< SCS	< SCS

MW17-016 : (1.22 - 3.81 m bgs)	
	01/20/2017
BTEX	< SCS

TH548A : (1.5 - 3 m bgs)	
	11/12/2013
Benzene	1,600

MW17-032D : (4.6 - 6.1 m bgs)		
	10/10/2017	11/02/2017
Benzene	23,000	22,000

TH548B : (4.3 - 5.8 m bgs)		
	11/12/2013	01/05/2017
Benzene	9,600 / 9,500	6,400

TH548C : (7.3 - 8.8 m bgs)		
	01/10/2014	01/23/2017
BTEX	< SCS	< SCS

MW17-020D : (8.38 - 9.91 m bgs)	
	01/31/2017
BTEX	< SCS

MW17-061D : (4.6 - 6.1 m bgs)		
	10/10/2017	11/02/2017
Benzene	81,000	74,000 / 78,000

TH562B : (4.1 - 5.6 m bgs)		
	12/19/2013	01/05/2017
Benzene	28,000	46,000

TH562C : (14.7 - 16.2 m bgs)				
	03/30/2015	05/20/2015	06/13/2017	09/28/2017
Benzene	4,100	1,900	320 / 340	130 / 140

TH562A : (1.5 - 3 m bgs)	
	11/18/2013
Benzene	2,000

TH1803B : (15 - 16.5 m bgs)		
	03/18/2015	01/05/2017
BTEX	< SCS	< SCS

TH1803A : (0.9 - 3.8 m bgs)	
	03/13/2015
Benzene	59,000

MW17-021D : (14.78 - 16.31 m bgs)	
	01/31/2017
BTEX	< SCS

TH564 : (1.5 - 3 m bgs)				
	11/14/2013	01/05/2017	06/14/2017	09/21/2017
Benzene	2,100 / 2,100	490	300	1,500

TH1540 : (1.5 - 3 m bgs)		
	12/16/2013	01/10/2014
BTEX	< SCS	< SCS

MW17-024D : (8.38 - 9.91 m bgs)	
	01/31/2017
BTEX	< SCS

TH841 MW17-019 TH843 BH90-201B BH90-201C BH90-201A MW17-066 TH1381 MW17-034D TH1531 TH1565 TH1529 TH1378 17C 17B TH1564 TH1398 TH1538 TH1563 TH1563B TH1562 TH1484 TH1541 TH1703B MW17-045D TH129C MW17-044D TH1395 TH1566 TH564 TH1378 TH1484 BH90-206 BH92-302 BH90-213 BH90-214 TH1703A TH129A TH129B RW2 TH114 TH116 MW17-018 VP1 TH835 MW17-017 MW17-016 TH548C TH548A TH548B MW17-032D MW17-020D TH562B TH562A TH562C MW17-061D MW17-021D TH1803A TH1803B TH1540 MW17-024D BH92-305 TH1541

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Sample ID — TH1466 : (1.5 - 3 m bgs) — Screen Depth
01/06/2014 — Sample Date
Parameter — BTEX | < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

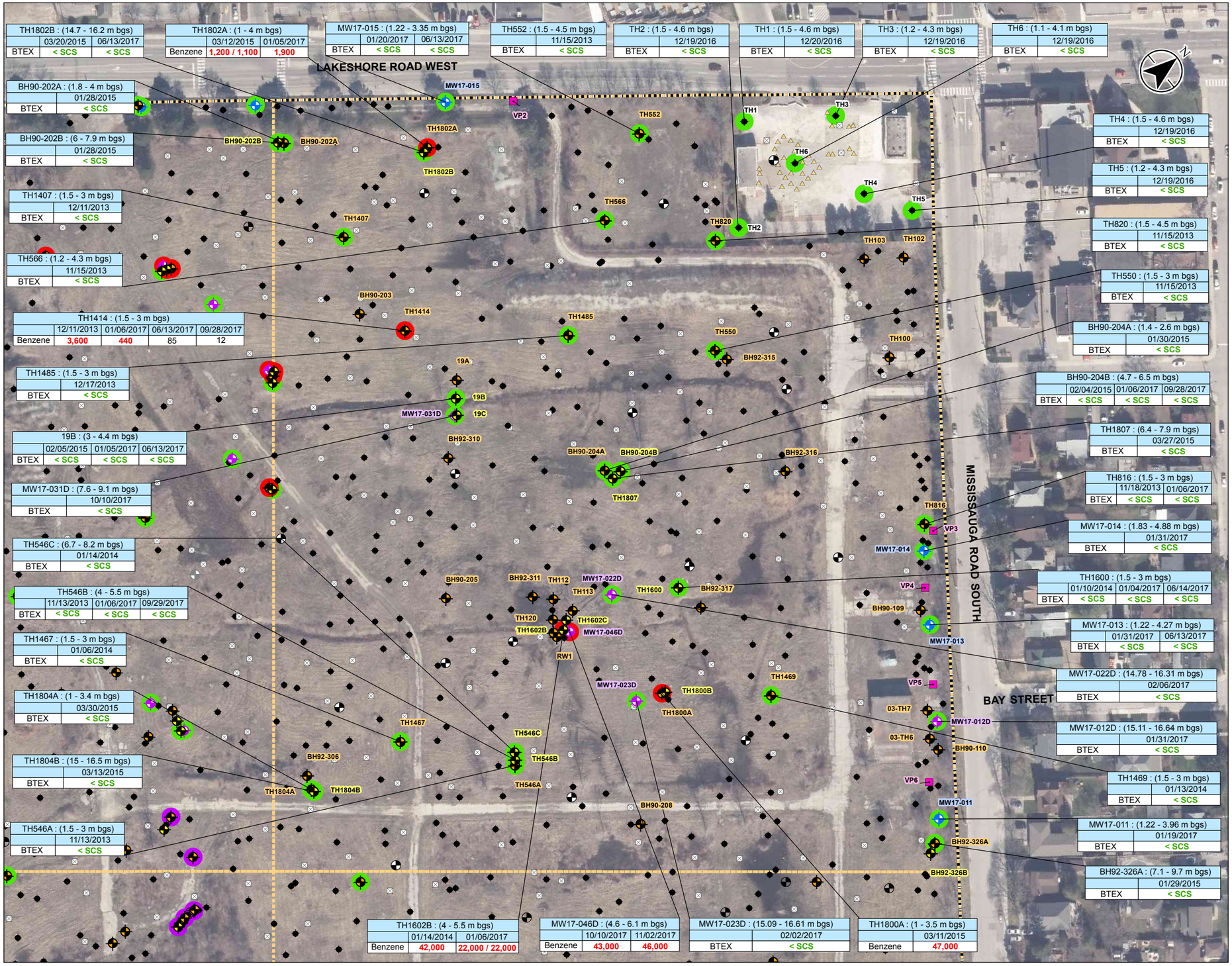
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
13b

Title
Summary of Groundwater Analytical Results - BTEX - Quadrant 1

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TH1802B : (14.7 - 16.2 m bgs)		
	03/20/2015	06/13/2017
BTEX	< SCS	< SCS

TH1802A : (1 - 4 m bgs)		
	03/12/2015	01/05/2017
Benzene	1,200 / 1,100	1,900

MW17-015 : (1.22 - 3.35 m bgs)		
	01/20/2017	06/13/2017
BTEX	< SCS	< SCS

TH552 : (1.5 - 4.5 m bgs)	
	11/15/2013
BTEX	< SCS

TH2 : (1.5 - 4.6 m bgs)	
	12/19/2016
BTEX	< SCS

TH1 : (1.5 - 4.6 m bgs)	
	12/20/2016
BTEX	< SCS

TH3 : (1.2 - 4.3 m bgs)	
	12/19/2016
BTEX	< SCS

TH6 : (1.1 - 4.1 m bgs)	
	12/19/2016
BTEX	< SCS

BH90-202A : (1.8 - 4 m bgs)	
	01/28/2015
BTEX	< SCS

BH90-202B : (6 - 7.9 m bgs)	
	01/28/2015
BTEX	< SCS

TH1407 : (1.5 - 3 m bgs)	
	12/11/2013
BTEX	< SCS

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
BTEX	< SCS

TH1414 : (1.5 - 3 m bgs)				
	12/11/2013	01/06/2017	06/13/2017	09/28/2017
Benzene	3,600	440	85	12

TH1485 : (1.5 - 3 m bgs)	
	12/17/2013
BTEX	< SCS

19B : (3 - 4.4 m bgs)			
	02/05/2015	01/05/2017	06/13/2017
BTEX	< SCS	< SCS	< SCS

MW17-031D : (7.6 - 9.1 m bgs)	
	10/10/2017
BTEX	< SCS

TH546C : (6.7 - 8.2 m bgs)	
	01/14/2014
BTEX	< SCS

TH546B : (4 - 5.5 m bgs)			
	11/13/2013	01/06/2017	09/29/2017
BTEX	< SCS	< SCS	< SCS

TH1467 : (1.5 - 3 m bgs)	
	01/06/2014
BTEX	< SCS

TH1804A : (1 - 3.4 m bgs)	
	03/30/2015
BTEX	< SCS

TH1804B : (15 - 16.5 m bgs)	
	03/13/2015
BTEX	< SCS

TH546A : (1.5 - 3 m bgs)	
	11/13/2013
BTEX	< SCS

TH1602B : (4 - 5.5 m bgs)		
	01/14/2014	01/06/2017
Benzene	42,000	22,000 / 22,000

MW17-046D : (4.6 - 6.1 m bgs)		
	10/10/2017	11/02/2017
Benzene	43,000	46,000

MW17-023D : (15.09 - 16.61 m bgs)	
	02/02/2017
BTEX	< SCS

TH1800A : (1 - 3.5 m bgs)	
	03/11/2015
Benzene	47,000

TH4 : (1.5 - 4.6 m bgs)	
	12/19/2016
BTEX	< SCS

TH5 : (1.2 - 4.3 m bgs)	
	12/19/2016
BTEX	< SCS

TH820 : (1.5 - 4.5 m bgs)	
	11/15/2013
BTEX	< SCS

TH550 : (1.5 - 3 m bgs)	
	11/15/2013
BTEX	< SCS

BH90-204A : (1.4 - 2.6 m bgs)	
	01/30/2015
BTEX	< SCS

BH90-204B : (4.7 - 6.5 m bgs)			
	02/04/2015	01/06/2017	09/28/2017
BTEX	< SCS	< SCS	< SCS

TH1807 : (6.4 - 7.9 m bgs)	
	03/27/2015
BTEX	< SCS

TH816 : (1.5 - 3 m bgs)		
	11/18/2013	01/06/2017
BTEX	< SCS	< SCS

MW17-014 : (1.83 - 4.88 m bgs)	
	01/31/2017
BTEX	< SCS

TH1600 : (1.5 - 3 m bgs)			
	01/10/2014	01/04/2017	06/14/2017
BTEX	< SCS	< SCS	< SCS

MW17-013 : (1.22 - 4.27 m bgs)		
	01/31/2017	06/13/2017
BTEX	< SCS	< SCS

MW17-022D : (14.78 - 16.31 m bgs)	
	02/06/2017
BTEX	< SCS

MW17-012D : (15.11 - 16.64 m bgs)	
	01/31/2017
BTEX	< SCS

TH1469 : (1.5 - 3 m bgs)	
	01/13/2014
BTEX	< SCS

MW17-011 : (1.22 - 3.96 m bgs)	
	01/19/2017
BTEX	< SCS

BH92-326A : (7.1 - 9.7 m bgs)	
	01/29/2015
BTEX	< SCS

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Sample ID — TH1466 : (1.5 - 3 m bgs) — Screen Depth
01/06/2014 — Sample Date
Parameter — BTEX | < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
13c

Title
Summary of Groundwater Analytical Results - BTEX - Quadrant 2

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\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA - Summary\122120255 Phase II ESA - Fig13b - 13c - Site Plan - GW Results - BTEX.mxd Revised: 2018-03-07 By: pmoser

BH90-207A : (5.1 - 6.8 m bgs)	
	02/04/2015
BTEX	< SCS

TH1806 : (9.7 - 11.2 m bgs)	
	03/27/2015
BTEX	< SCS

TH1560 : (1.5 - 3 m bgs)	
	01/09/2014
BTEX	< SCS

MW17-073D : (7.6 - 9.1 m bgs)	
	10/10/2017
BTEX	< SCS

TH1542 : (1.5 - 3 m bgs)	
	12/17/2013
BTEX	< SCS

TH1561 : (1.5 - 3 m bgs)		
	12/19/2013	06/13/2017
Ethylbenzene	2,400	1,700
Xylenes, Total	11,000	7,100

BH90-207B : (1.3 - 2.9 m bgs)			
	02/04/2015	01/05/2017	09/26/2017
BTEX	< SCS	< SCS	< SCS

TH1702 : (12.2 - 13.7 m bgs)		
	01/20/2014	09/26/2017
BTEX	< SCS	< SCS

TH1543 : (1.5 - 3 m bgs)			
	12/19/2013	06/13/2017	09/26/2017
BTEX	< SCS	< SCS	< SCS

TH1702B : (14.7 - 16.2 m bgs)			
	03/30/2015	05/21/2015	06/13/2017
BTEX	< SCS	< SCS	< SCS

TH1517 : (0.9 - 2.4 m bgs)		
	12/09/2013	01/06/2017
BTEX	< SCS	< SCS

TH128C : (8.4 - 9.9 m bgs)	
	01/05/2017
BTEX	< SCS

TH128B : (5.4 - 6.9 m bgs)	
	01/05/2017
BTEX	< SCS

TH1805B : (7.7 - 9.2 m bgs)		
	03/27/2015	01/23/2017
BTEX	< SCS	< SCS

TH1368A : (2.4 - 5.5 m bgs)	
	01/09/2014
BTEX	< SCS

TH1805A : (0.9 - 3.6 m bgs)		
	03/12/2015	01/05/2017
BTEX	< SCS	< SCS

TH1368B : (6.7 - 8.2 m bgs)	
	01/15/2014
BTEX	< SCS

TH1523 : (1.3 - 2.8 m bgs)	
	12/09/2013
BTEX	< SCS

TH1700 : (2.7 - 4.3 m bgs)	
	01/14/2014
BTEX	< SCS

BH92-304C : (Unknown)	
	01/30/2015
BTEX	< SCS

TH130C : (6.7 - 8.2 m bgs)	
	01/05/2017
BTEX	< SCS

BH92-304B : (Unknown)	
	01/30/2015
BTEX	< SCS

TH130B : (3.7 - 5.2 m bgs)	
	01/05/2017
BTEX	< SCS

TH1370 : (1.2 - 2.7 m bgs)		
	12/09/2013	01/06/2017
BTEX	< SCS	< SCS

TH1355 : (2.4 - 5.5 m bgs)	
	01/09/2014
BTEX	< SCS

BH92-304A : (0.6 - 2.4 m bgs)	
	01/30/2015
Benzene	600

TH1342C : (14.7 - 16.2 m bgs)	
	03/30/2015
BTEX	< SCS

MW17-040D : (7.6 - 9.1 m bgs)	
	10/10/2017
BTEX	< SCS

BH90-210 : (3.2 - 4.4 m bgs)	
	01/06/2017
BTEX	< SCS

TH1369B : (5.4 - 6.9 m bgs)	
	01/09/2014
BTEX	< SCS

TH1367 : (3.8 - 6.9 m bgs)	
	01/09/2014
BTEX	< SCS

TH1366A : (1.5 - 3 m bgs)	
	12/11/2013
BTEX	< SCS

TH1366B : (4 - 5.5 m bgs)			
	12/11/2013	06/13/2017	09/26/2017
BTEX	< SCS	< SCS	< SCS

TH1342A : (4.8 - 7.8 m bgs)	
	01/08/2014
BTEX	< SCS

TH1342B : (9 - 10.5 m bgs)		
	01/14/2014	01/06/2017
BTEX	< SCS	< SCS

BH90-207A, BH90-207B, TH1806, TH1542, BH92-303, BH90-215, TH118, TH1702, TH117, TH115, TH1702B, RW3, BH90-219, TH1517, TH1561, MW17-073D, TH128C, TH128B, TH128A, TH1543, TH1560, TH1805A, TH1805B, TH1368A, TH1700, TH1368B, TH1523, BH92-304C, BH92-304B, MW17-040D, BH92-304A, TH130B, TH130C, TH130A, TH1366A, TH1366B, TH1370, TH1355, BH90-216, TH1369A, TH1369B, BH90-210, TH1367, TH1342B, TH1342A, TH1342C

MAPLE AVENUE SOUTH

Lake Ontario

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Sample ID — TH1466 : (1.5 - 3 m bgs) — Screen Depth
01/06/2014 — Sample Date
Parameter — BTEX — < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

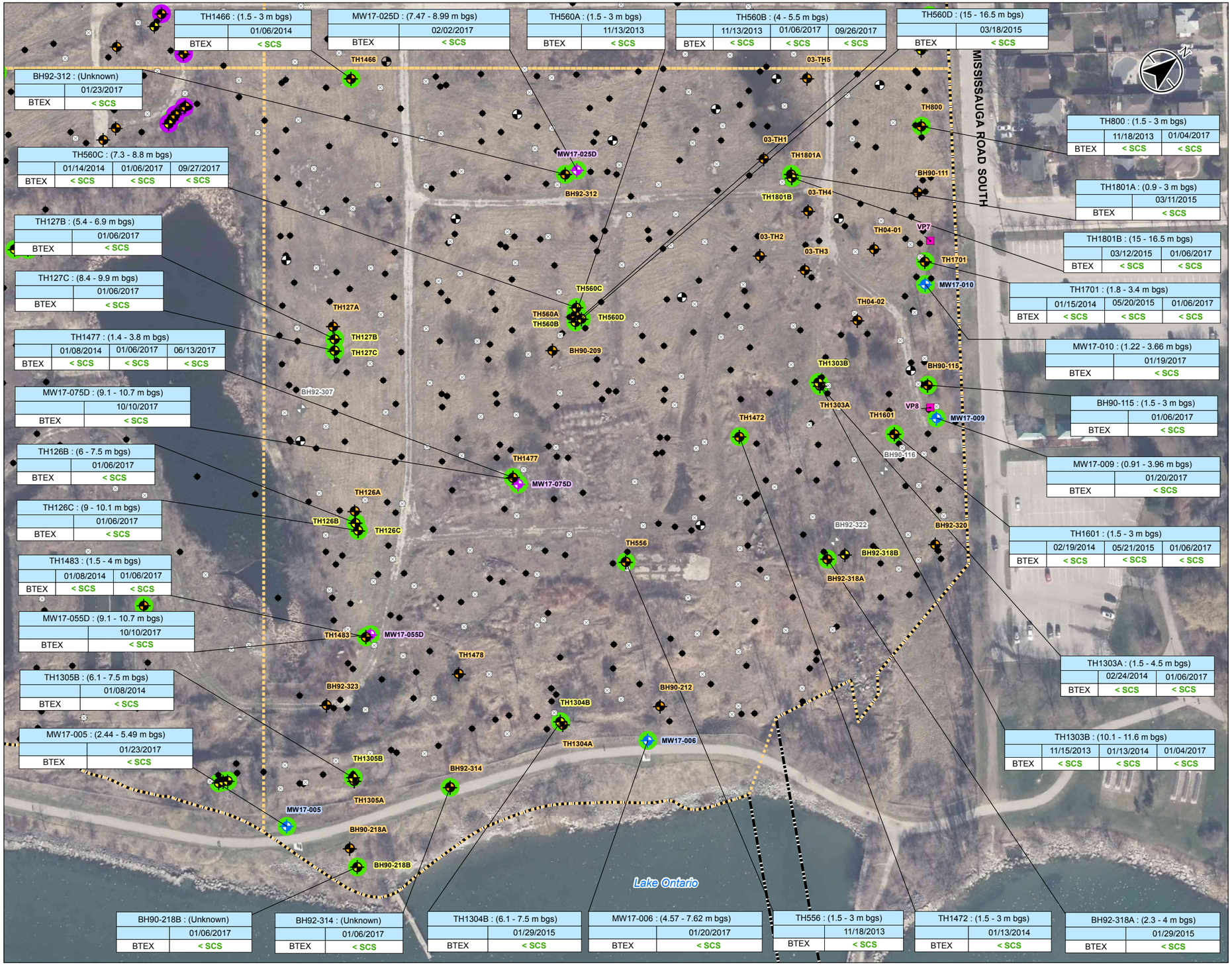
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
13d

Title
Summary of Groundwater Analytical Results - BTEX - Quadrant 3

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C:\121224\02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Fig13b_13e_GWPlan_GW Results_BTEX.mxd Revised: 2018-03-07 By: jmoser



TH1466 : (1.5 - 3 m bgs)		
	01/06/2014	
BTEX	< SCS	

MW17-025D : (7.47 - 8.99 m bgs)		
	02/02/2017	
BTEX	< SCS	

TH560A : (1.5 - 3 m bgs)		
	11/13/2013	
BTEX	< SCS	

TH560B : (4 - 5.5 m bgs)			
	11/13/2013	01/06/2017	09/26/2017
BTEX	< SCS	< SCS	< SCS

TH560D : (15 - 16.5 m bgs)	
	03/18/2015
BTEX	< SCS

BH92-312 : (Unknown)	
	01/23/2017
BTEX	< SCS

TH560C : (7.3 - 8.8 m bgs)			
	01/14/2014	01/06/2017	09/27/2017
BTEX	< SCS	< SCS	< SCS

TH127B : (5.4 - 6.9 m bgs)	
	01/06/2017
BTEX	< SCS

TH127C : (8.4 - 9.9 m bgs)	
	01/06/2017
BTEX	< SCS

TH1477 : (1.4 - 3.8 m bgs)			
	01/08/2014	01/06/2017	06/13/2017
BTEX	< SCS	< SCS	< SCS

MW17-075D : (9.1 - 10.7 m bgs)	
	10/10/2017
BTEX	< SCS

TH126B : (6 - 7.5 m bgs)	
	01/06/2017
BTEX	< SCS

TH126C : (9 - 10.1 m bgs)	
	01/06/2017
BTEX	< SCS

TH1483 : (1.5 - 4 m bgs)		
	01/08/2014	01/06/2017
BTEX	< SCS	< SCS

MW17-055D : (9.1 - 10.7 m bgs)	
	10/10/2017
BTEX	< SCS

TH1305B : (6.1 - 7.5 m bgs)	
	01/08/2014
BTEX	< SCS

MW17-005 : (2.44 - 5.49 m bgs)	
	01/23/2017
BTEX	< SCS

TH800 : (1.5 - 3 m bgs)		
	11/18/2013	01/04/2017
BTEX	< SCS	< SCS

TH1801A : (0.9 - 3 m bgs)	
	03/11/2015
BTEX	< SCS

TH1801B : (15 - 16.5 m bgs)		
	03/12/2015	01/06/2017
BTEX	< SCS	< SCS

TH1701 : (1.8 - 3.4 m bgs)			
	01/15/2014	05/20/2015	01/06/2017
BTEX	< SCS	< SCS	< SCS

MW17-010 : (1.22 - 3.66 m bgs)	
	01/19/2017
BTEX	< SCS

BH90-115 : (1.5 - 3 m bgs)	
	01/06/2017
BTEX	< SCS

MW17-009 : (0.91 - 3.96 m bgs)	
	01/20/2017
BTEX	< SCS

TH1601 : (1.5 - 3 m bgs)			
	02/19/2014	05/21/2015	01/06/2017
BTEX	< SCS	< SCS	< SCS

TH1303A : (1.5 - 4.5 m bgs)		
	02/24/2014	01/06/2017
BTEX	< SCS	< SCS

TH1303B : (10.1 - 11.6 m bgs)			
	11/15/2013	01/13/2014	01/04/2017
BTEX	< SCS	< SCS	< SCS

BH90-218B : (Unknown)	
	01/06/2017
BTEX	< SCS

BH92-314 : (Unknown)	
	01/06/2017
BTEX	< SCS

TH1304B : (6.1 - 7.5 m bgs)	
	01/29/2015
BTEX	< SCS

MW17-006 : (4.57 - 7.62 m bgs)	
	01/20/2017
BTEX	< SCS

TH556 : (1.5 - 3 m bgs)	
	11/18/2013
BTEX	< SCS

TH1472 : (1.5 - 3 m bgs)	
	01/13/2014
BTEX	< SCS

BH92-318A : (2.3 - 4 m bgs)	
	01/29/2015
BTEX	< SCS

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Sample ID	TH1466 : (1.5 - 3 m bgs)	— Screen Depth
	01/06/2014	— Sample Date
Parameter — BTEX	< SCS	— Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

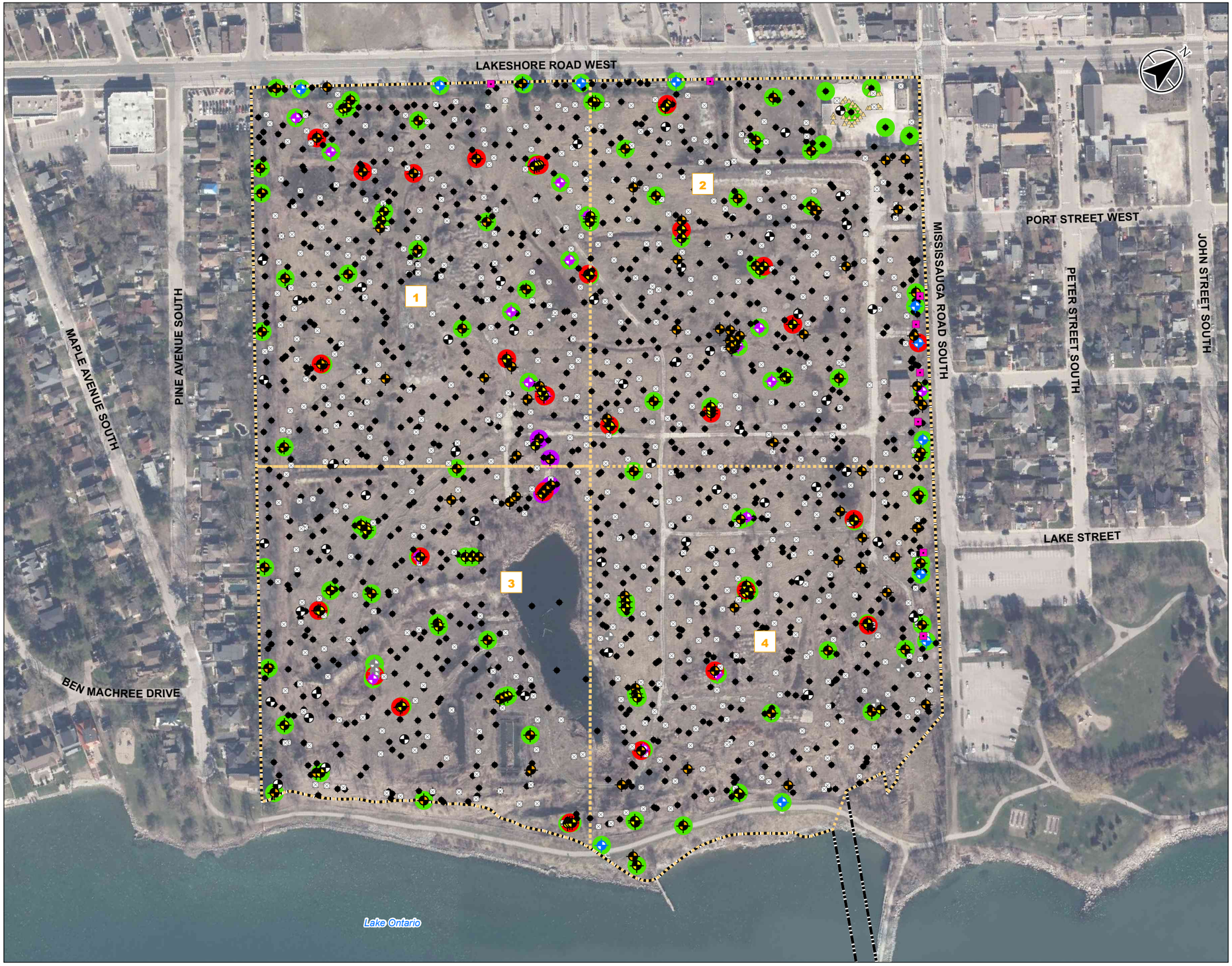
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
13e

Title
Summary of Groundwater Analytical Results - BTEX - Quadrant 4

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\\C01224.02\work_group\01221\active\122120255\planning\drawing\WDD Phase II ESA Summary\122120255 Phase II ESA Fig13b 13e SitePlan GW Results BTEX.mxd Revised: 2018-03-07 By: jmoser



Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measureable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value (µg/L)	Maximum Concentration (µg/L)
PHC F1 (C6-C10 range) minus BTEX	750	18,000
PHC F2 (>C10-C16 range)	150	15,000
PHC F3 (>C16-C34 range)	500	24,000
PHC F4 (>C34-C50 range)	500	6,300
PHC F4 (>C34) Gravimetric	500	31,000

* Refer to Table 13 for full PHC results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 14b to 14e for monitoring locations ID's.
7. PHCs - Petroleumhydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

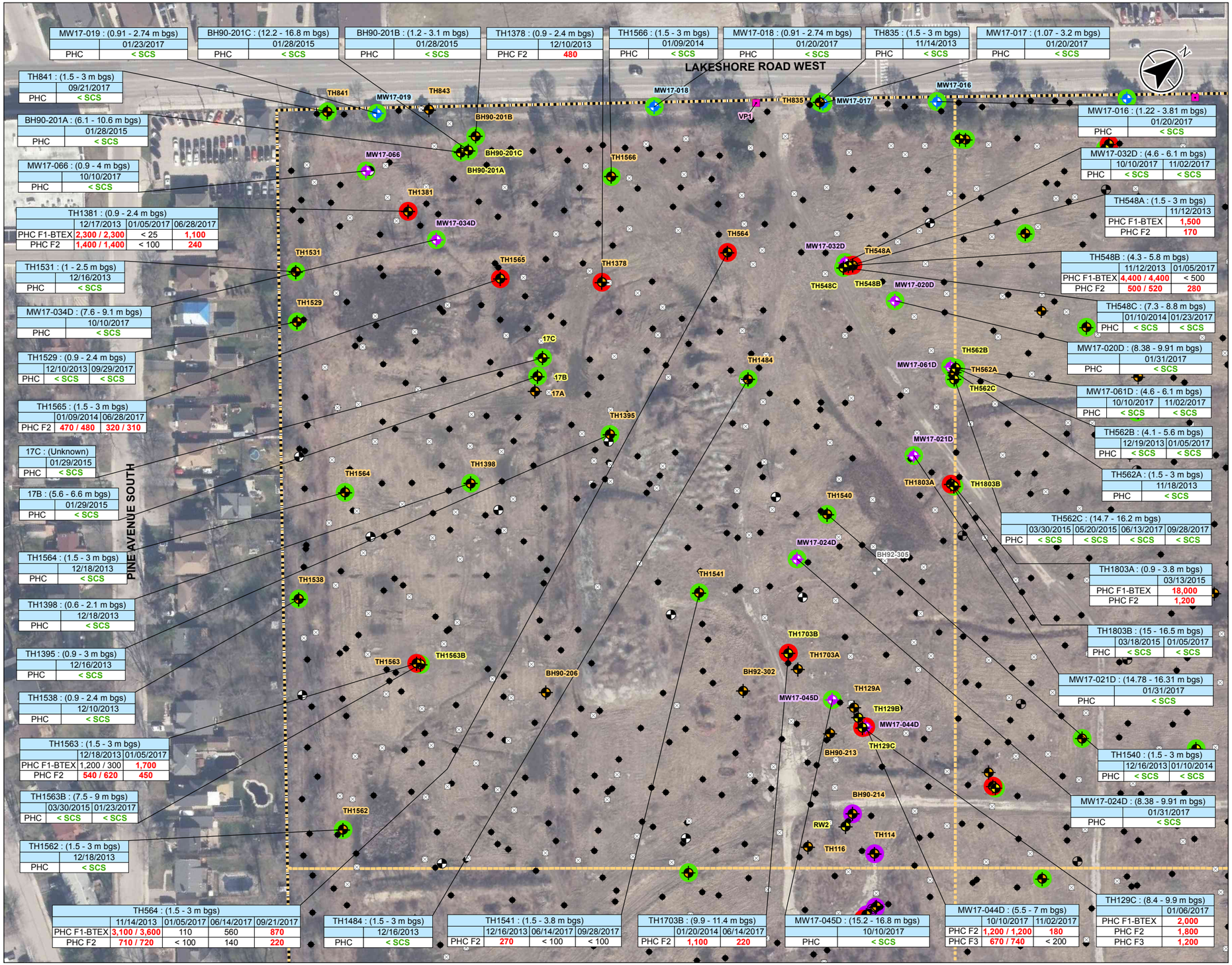
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
14a

Title
Summary of Groundwater Analytical Results - PHCs

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C:\21224\02\work_group\01221\active\122120255\planning\drawing\WKD\Phase II ESA_Summary\122120255 Phase II ESA_Fig14a_SitePlan_GW Results PHCs.mxd Revised: 2018-03-07 By: gmosier



Stantec

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PHCs - Petroleum Hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total
8. - Parameter not analysed

Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
14b

Title
Summary of Groundwater Analytical Results - PHCs - Quadrant 1

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\\Cd1220-f02\work_group\02\122120255\planning\drawings\MXD\Phase II ESA_Summary\122120255_Phase1_ESA_Fig14b_14e_StatPlan_GW_Results_PHCs.mxd Revised: 2018-03-07 By: jmoser



TH1802A : (1 - 4 m bgs)		
	03/12/2015	01/05/2017
PHC F2	550 / 610	< 100

MW17-015 : (1.22 - 3.35 m bgs)		
	01/20/2017	06/13/2017
PHC F2	180	< 100

TH552 : (1.5 - 4.5 m bgs)	
	11/15/2013
PHC	< SCS

TH2 : (1.5 - 4.6 m bgs)	
	12/20/2016
PHC	< SCS

TH1 : (1.5 - 4.6 m bgs)	
	12/20/2016
PHC	< SCS

TH3 : (1.2 - 4.3 m bgs)	
	12/19/2016
PHC	< SCS

TH6 : (1.1 - 4.1 m bgs)	
	12/19/2016
PHC	< SCS

TH1802B : (14.7 - 16.2 m bgs)		
	03/20/2015	06/13/2017
PHC	< SCS	< SCS

BH90-202A : (1.8 - 4 m bgs)	
	01/28/2015
PHC	< SCS

BH90-202B : (6 - 7.9 m bgs)	
	01/28/2015
PHC	< SCS

TH1407 : (1.5 - 3 m bgs)	
	12/11/2013
PHC	< SCS

TH1485 : (1.5 - 3 m bgs)	
	12/17/2013
PHC	< SCS

TH1414 : (1.5 - 3 m bgs)				
	12/11/2013	01/06/2017	06/13/2017	09/28/2017
PHC F2	< 100	440	< 100	< 100

19B : (3 - 4.4 m bgs)			
	02/05/2015	01/05/2017	06/13/2017
PHC F2	400	130	180
PHC F3	3,800	690	770
PHC F4	550	< 200	< 200

MW17-031D : (7.6 - 9.1 m bgs)	
	10/10/2017
PHC	< SCS

BH90-204A : (1.4 - 2.6 m bgs)	
	01/30/2015
PHC	< SCS

TH1602B : (4 - 5.5 m bgs)		
	01/14/2014	01/06/2017
PHC	< SCS	< SCS

MW17-046D : (4.6 - 6.1 m bgs)		
	10/10/2017	11/02/2017
PHC	< SCS	< SCS

TH1467 : (1.5 - 3 m bgs)	
	01/06/2014
PHC	< SCS

TH1804A : (1 - 3.4 m bgs)	
	03/30/2015
PHC F1-BTEX	2,300
PHC F2	2,700

TH1804B : (15 - 16.5 m bgs)	
	03/13/2015
PHC	< SCS

TH546C : (6.7 - 8.2 m bgs)	
	01/14/2014
PHC	< SCS

TH546B : (4 - 5.5 m bgs)			
	11/13/2013	01/06/2017	09/29/2017
PHC F2	210	< 100	< 100

TH546A : (1.5 - 3 m bgs)	
	11/13/2013
PHC F2	550

MW17-023D : (15.09 - 16.61 m bgs)	
	02/02/2017
PHC	< SCS

TH1800A : (1 - 3.5 m bgs)	
	03/11/2015
PHC	< SCS

MW17-022D : (14.78 - 16.31 m bgs)	
	02/06/2017
PHC	< SCS

TH4 : (1.5 - 4.6 m bgs)	
	12/19/2016
PHC	< SCS

TH5 : (1.2 - 4.3 m bgs)	
	12/19/2016
PHC	< SCS

TH820 : (1.5 - 4.5 m bgs)	
	11/15/2013
PHC	< SCS

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
PHC	< SCS

TH550 : (1.5 - 3 m bgs)	
	11/15/2013
PHC	< SCS

BH90-204B : (4.7 - 6.5 m bgs)				
	02/04/2015	03/04/2015	01/06/2017	09/28/2017
PHC F2	320 / 300	450	< 100 / < 100	950

TH1807 : (6.4 - 7.9 m bgs)	
	03/27/2015
PHC	< SCS

TH1600 : (1.5 - 3 m bgs)			
	01/10/2014	01/04/2017	06/14/2017
PHC F2	1,500	330 / 330	1,100
PHC F3	210	250 / 210	740

TH816 : (1.5 - 3 m bgs)		
	11/18/2013	01/06/2017
PHC	< SCS	< SCS

MW17-014 : (1.83 - 4.88 m bgs)	
	01/31/2017
PHC	< SCS

MW17-013 : (1.22 - 4.27 m bgs)		
	01/31/2017	06/13/2017
PHC F2	1,100	520

TH1469 : (1.5 - 3 m bgs)	
	01/13/2014
PHC	< SCS

MW17-012D : (15.11 - 16.64 m bgs)	
	01/31/2017
PHC	< SCS

MW17-011 : (1.22 - 3.96 m bgs)	
	01/19/2017
PHC	< SCS

BH92-326A : (7.1 - 9.7 m bgs)	
	01/29/2015
PHC	< SCS

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measureable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Sample ID — TH556 : (1.5 - 3 m bgs) — Screen Depth
Sample Date — 11/18/2013
Parameter — PHC — < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PHCs - Petroleum Hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total
8. - Parameter not analysed



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

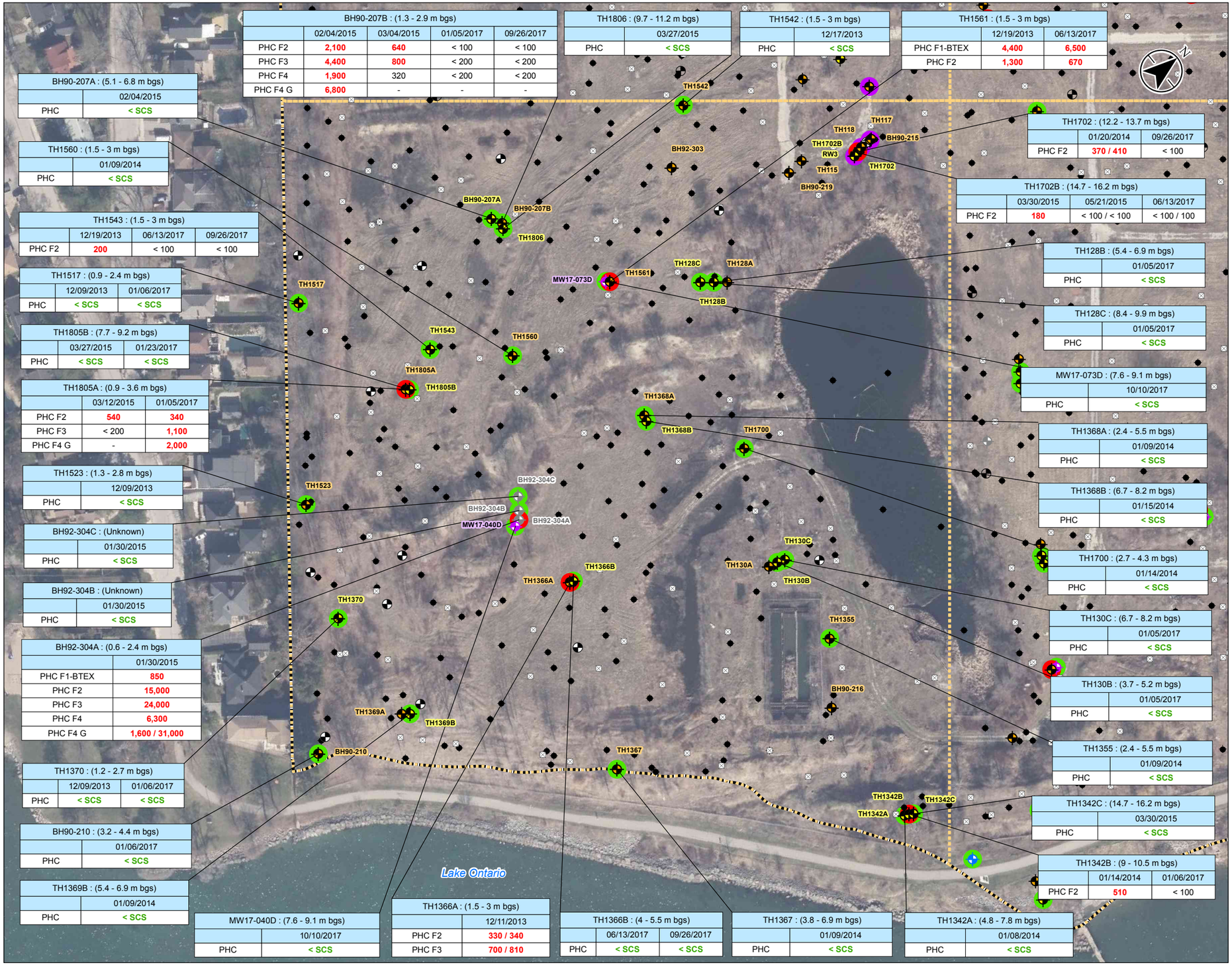
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
14c

Title
Summary of Groundwater Analytical Results - PHCs - Quadrant 2

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\\Cd1220-f02.work.group\01221\active\122120255\planning\drawing\MXD\Phase II ESA - Summary\122120255 Phase II ESA Fig14b - 14c_StePen GW Results PHCs.mxd Revised: 2018-03-07 By: jamosier



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measureable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Sample ID — TH556 : (1.5 - 3 m bgs) — Screen Depth
11/18/2013 — Sample Date
Parameter — PHC | < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PHCs - Petroleum Hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total
8. - Parameter not analysed



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

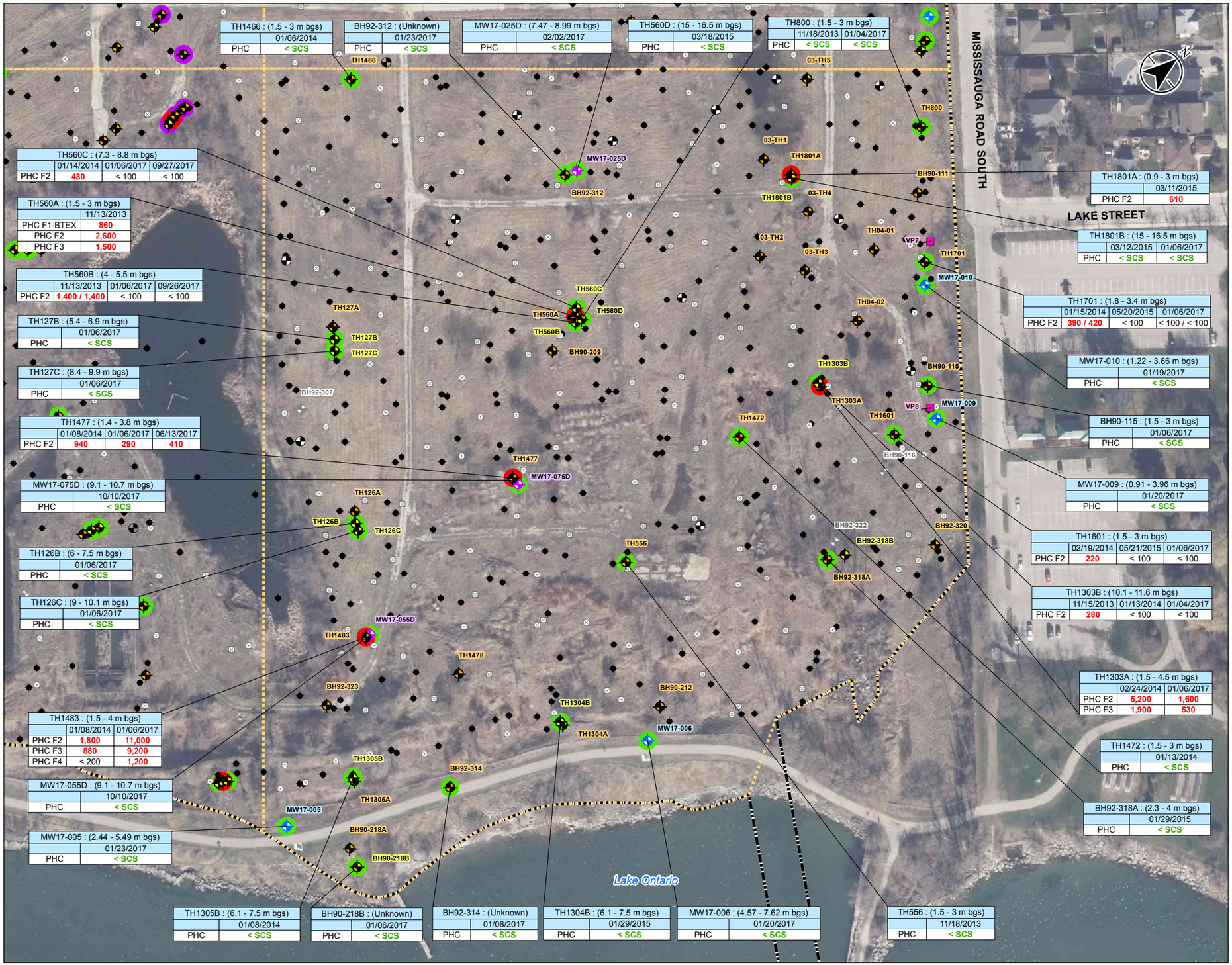
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
14d

Title
Summary of Groundwater Analytical Results - PHCs - Quadrant 3

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\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\WQTs\Phase II ESA Summary\122120255 Phase II ESA Fig14b - 14e SitePlan GW Results PHCs.mxd Revised: 2018-03-07 By: pmoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measureable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Sample ID — TH556 : (1.5 - 3 m bgs) — Screen Depth
Sample Date — 11/18/2013
Parameter — PHC | < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PHCs - Petroleum Hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total
8. - Parameter not analysed



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

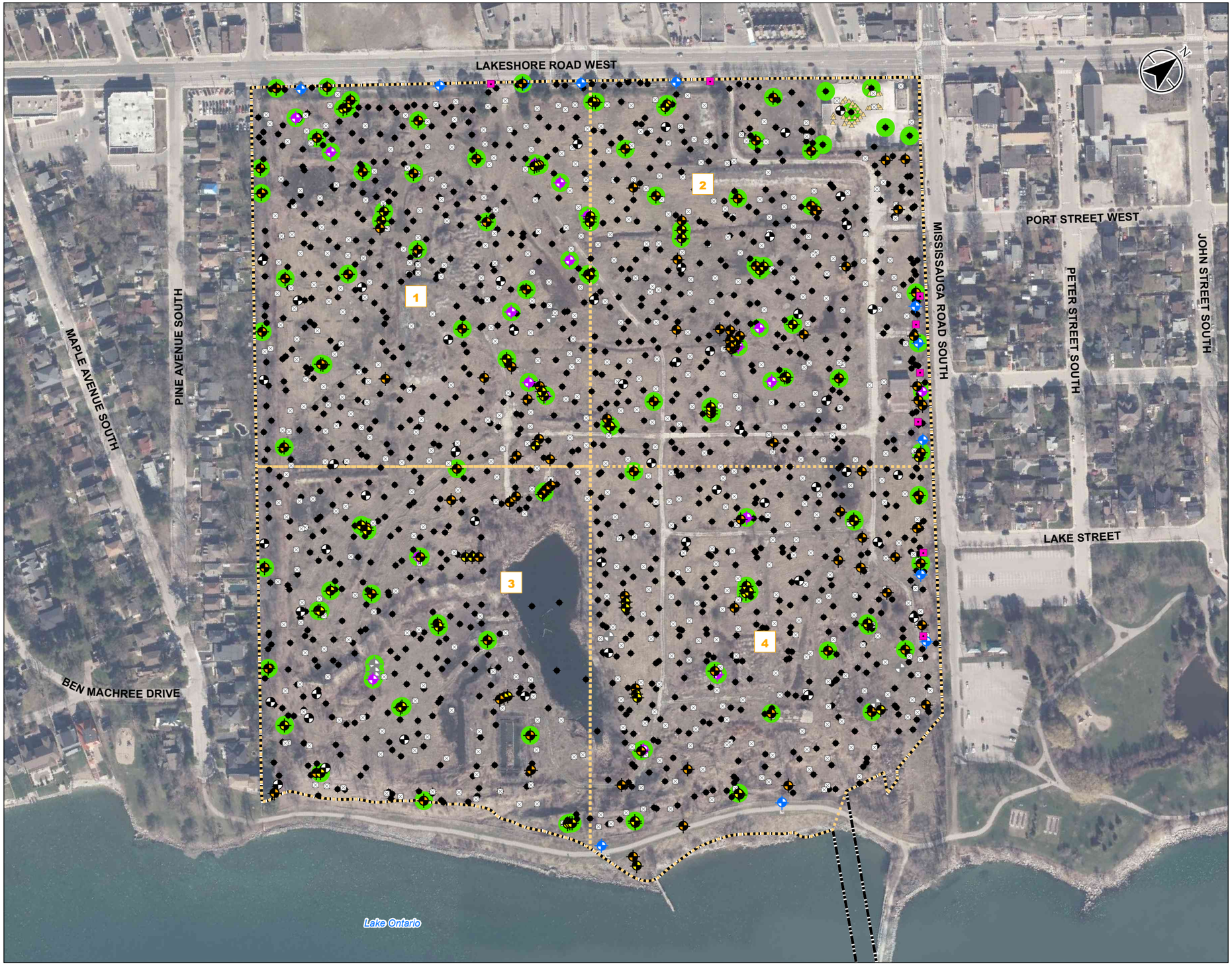
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
14e

Title
Summary of Groundwater Analytical Results - PHCs - Quadrant 4

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\\Cd1220-f07\work_group\00122\active\122120255\planning\WMD\Phase II ESA - Summary\122120255_Phase II ESA - Fig14b - 14e_SitePlan_GW Results - PHCs.mxd Revised: 2018-03-07 By: jamosier



Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 15b to 15e for monitoring locations ID's.
7. VOCs - Volitiale Organic Compound



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

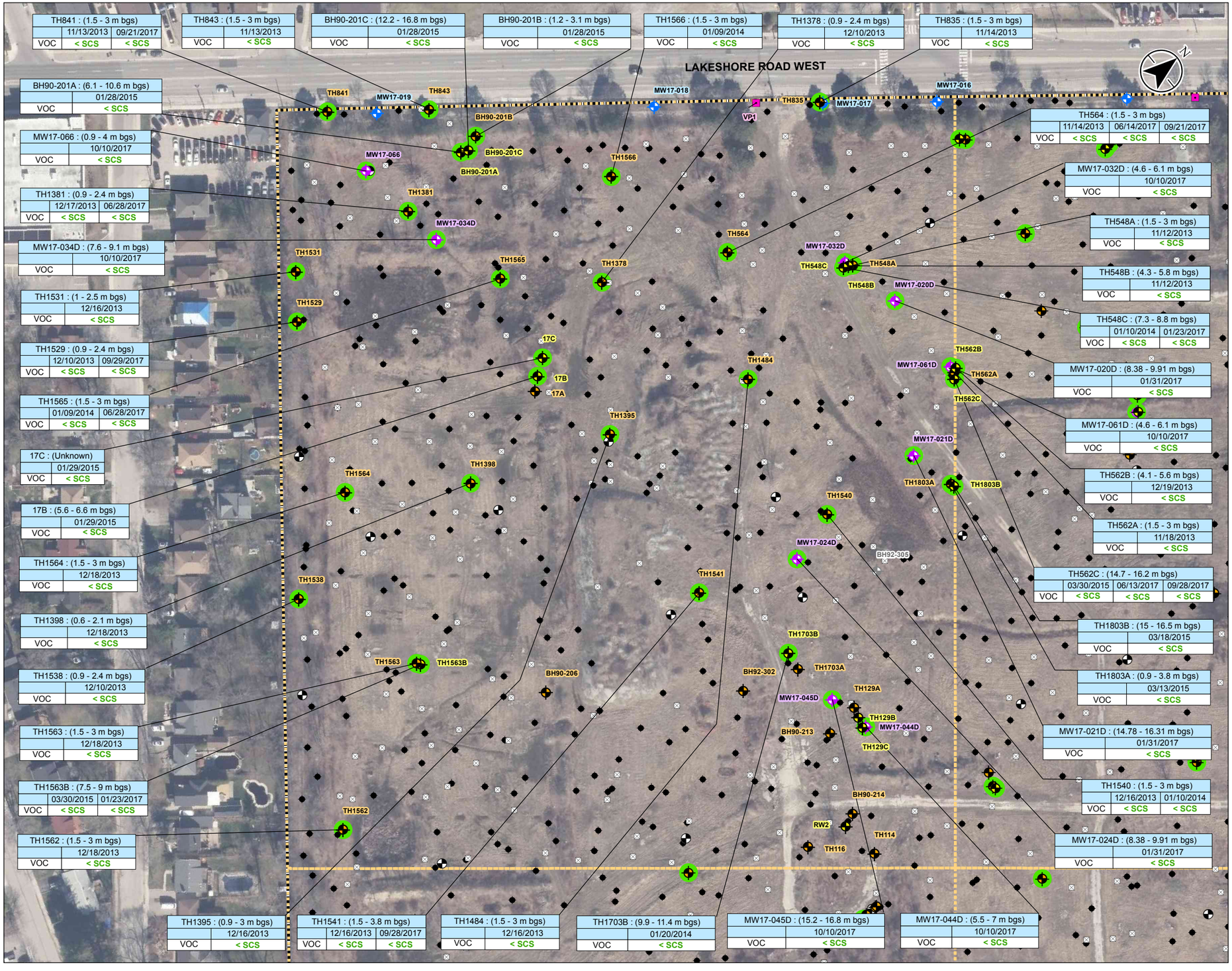
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
15a

Title
Summary of Groundwater Analytical Results - VOCs

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\\CA1254-f01-work.amer.ad\work_group\01221\active\122120255\reporting\Visio\Phase II ESA Summary\122120255 Phase II ESA Fig15a SiteRen GW Results VOCs.mxd Revised: 2018-03-07 By: emoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID →	MW17-055D : (9.1 - 10.7 m bgs)		← Screen Depth
	10/10/2017		← Sample Date
Parameter →	VOC	< SCS	← Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. VOCs - Volatile Organic Compounds



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

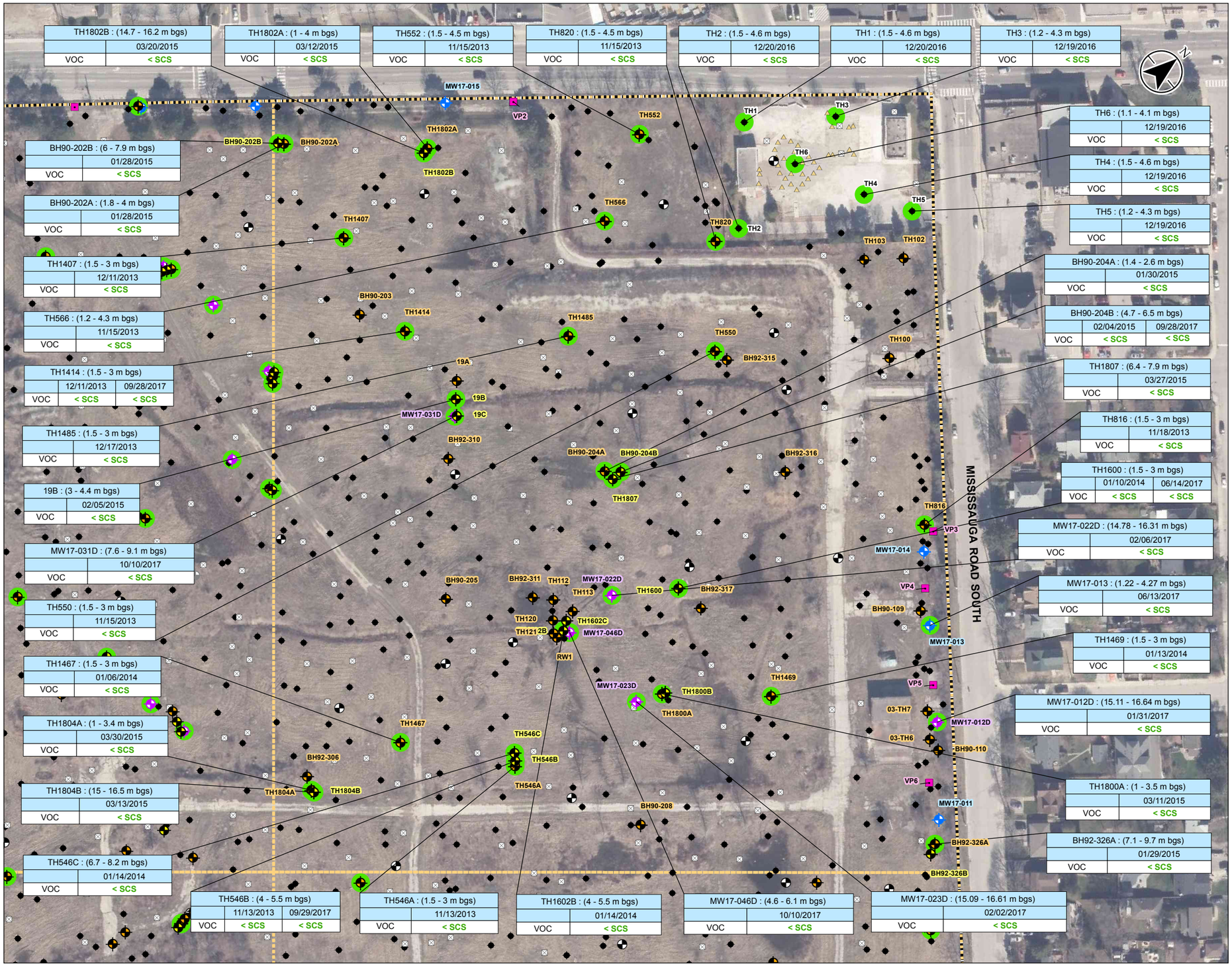
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
15b

Title
Summary of Groundwater Analytical Results - VOCs - Quadrant 1

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\\Cd1220-f01\work_group\01221\active\122120255\planning\drawing\VWDN Phase II ESA_Summary\122120255 Phase II ESA Fig15b_15e_StePlan_GW Results_VOCs.mxd Revised: 2018-03-07 By: ramoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	MW17-055D : (9.1 - 10.7 m bgs)		Screen Depth
	10/10/2017		Sample Date
Parameter	VOC	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. VOCs - Volatile Organic Compounds



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

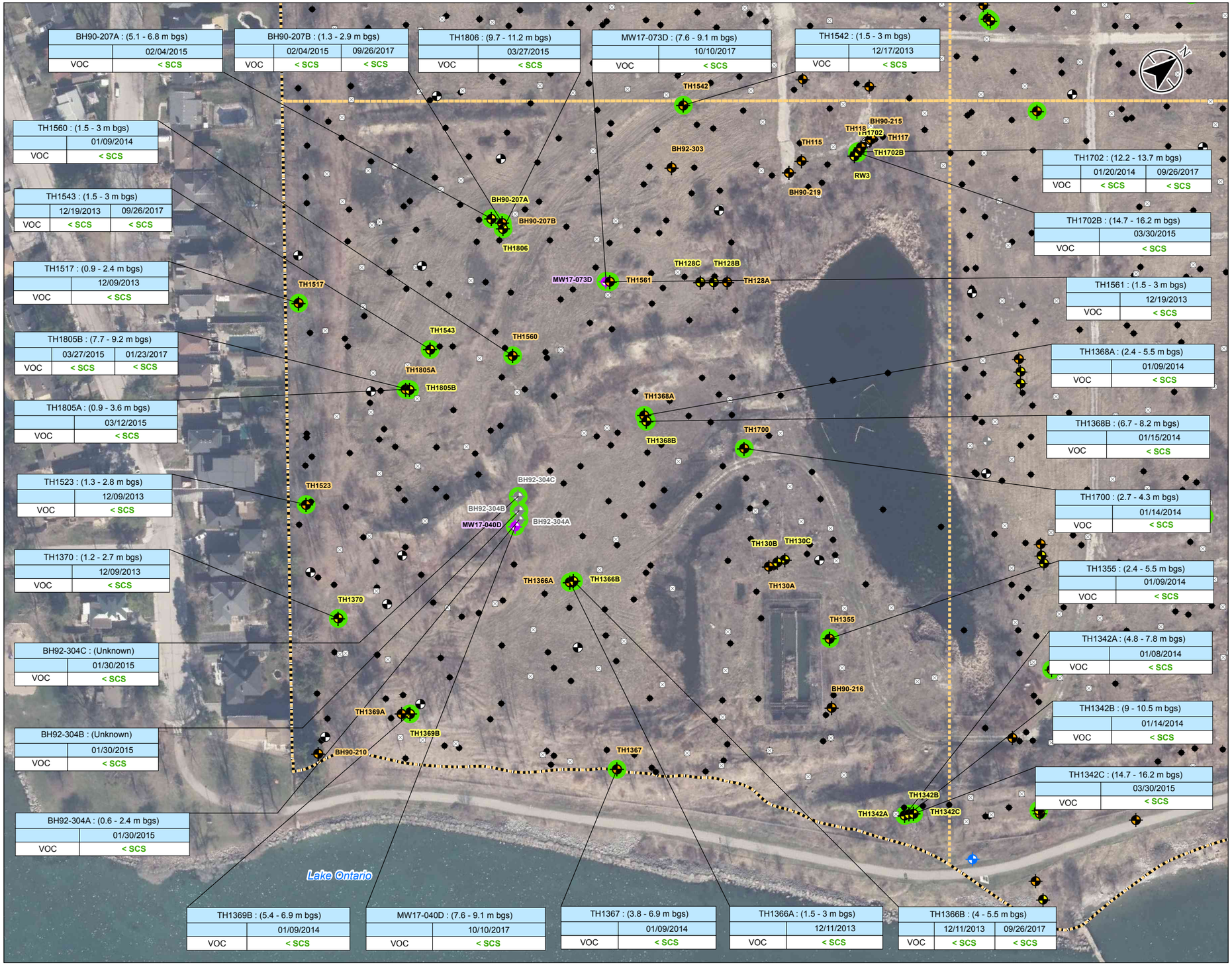
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
15c

Title
Summary of Groundwater Analytical Results - VOCs - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	MW17-055D : (9.1 - 10.7 m bgs)		— Screen Depth
	10/10/2017		— Sample Date
Parameter	VOC	< SCS	— Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. VOCs - Volatile Organic Compounds



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

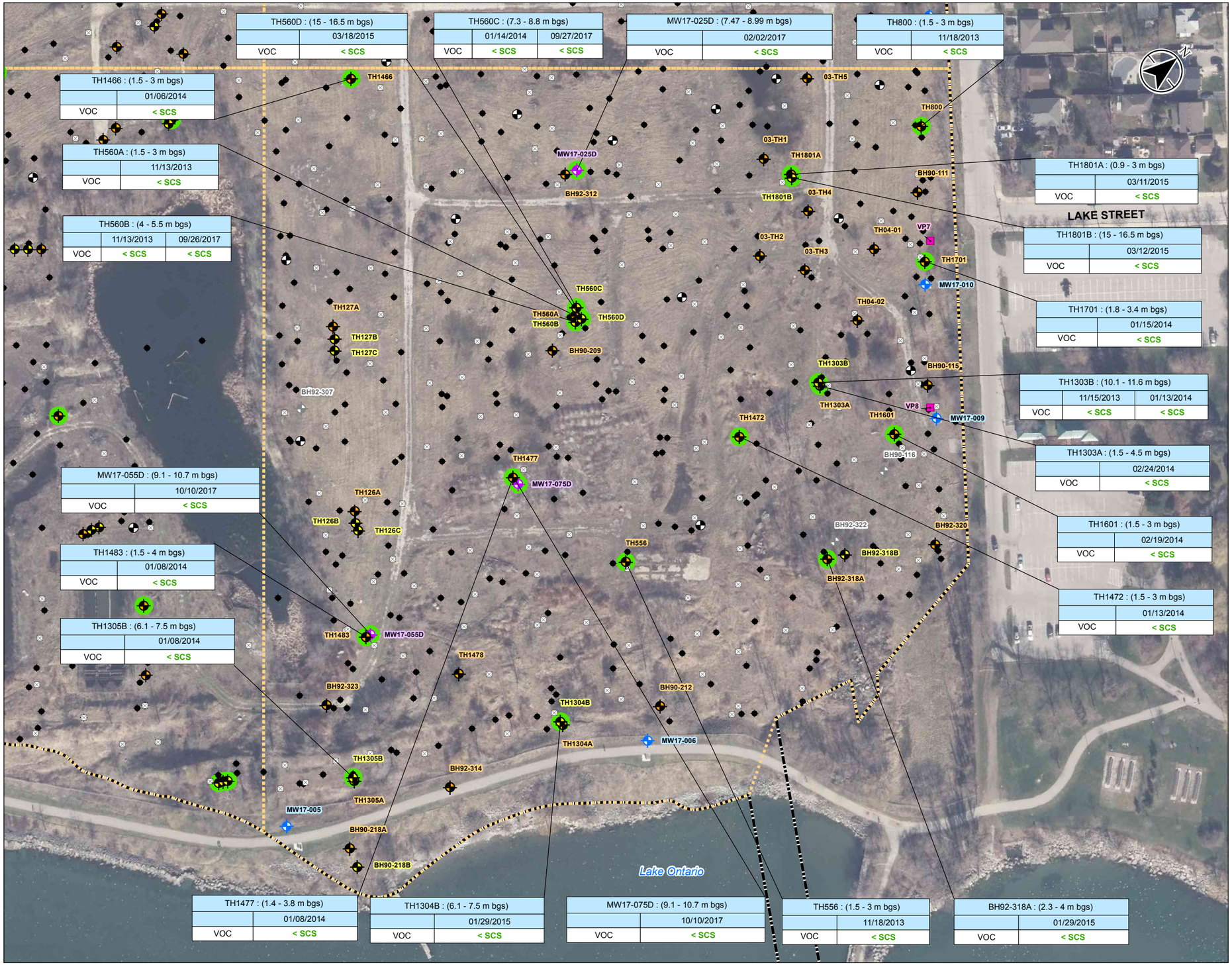
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
15d

Title
Summary of Groundwater Analytical Results - VOCs - Quadrant 3

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\\Cd1224h02\work_group\01221\active\122120255\planning\drawing\WQD\Phase II ESA - Summary\122120255 Phase II ESA - Fig15b - Site Plan - GW Results - VOCs.mxd - Revised 2018-03-07 By: pmoser



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	MW17-055D : (9.1 - 10.7 m bgs)	Screen Depth
	10/10/2017	Sample Date
Parameter	VOC < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. VOCs - Volatile Organic Compounds



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

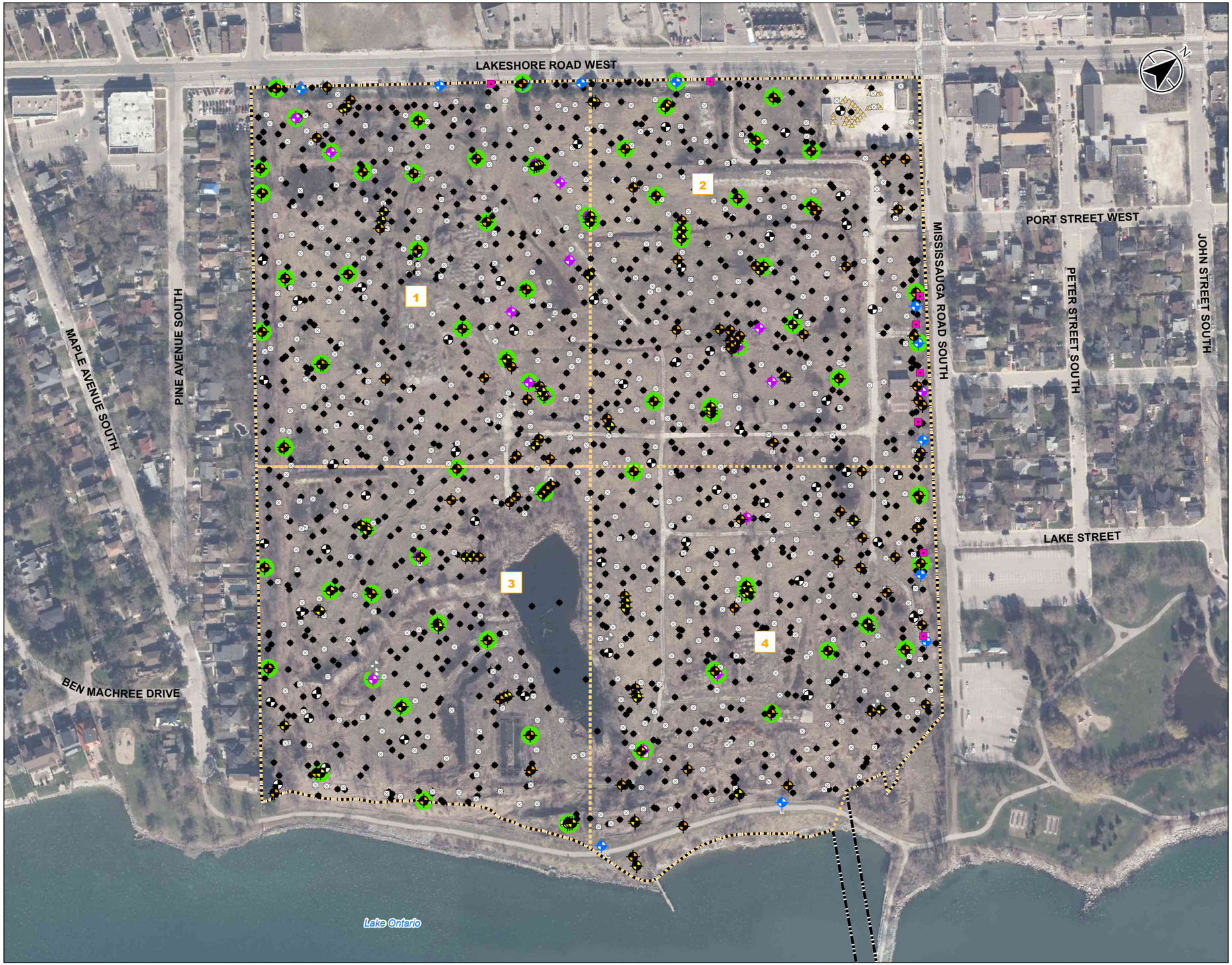
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
15e

Title
Summary of Groundwater Analytical Results - VOCs - Quadrant 4

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Stantec

Site Boundary
Quadrant Boundary
1 Quadrant
Existing Monitoring Well (Bedrock)
Existing Monitoring Well (Overburden)
Monitoring Well Damaged or Could Not Be Found in 2017
Bedrock Monitoring Well (Stantec, 2017)
Overburden Monitoring Well (Stantec, 2017)
Borehole (Stantec, 2017)
Test Hole (Exp, 2013-16)
Test Pit (Exp, 2013-16)
Excavation Sample Location (Exp, 2016)
Vapour Probe (Exp, 2015)
Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 75 150 metres
1:3,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 16b to 16e for monitoring location ID's.
7. PAHs - Polycyclic Aromatic Compounds
8. Benzo(b/j)F - Benzo(b/j)fluoranthene



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

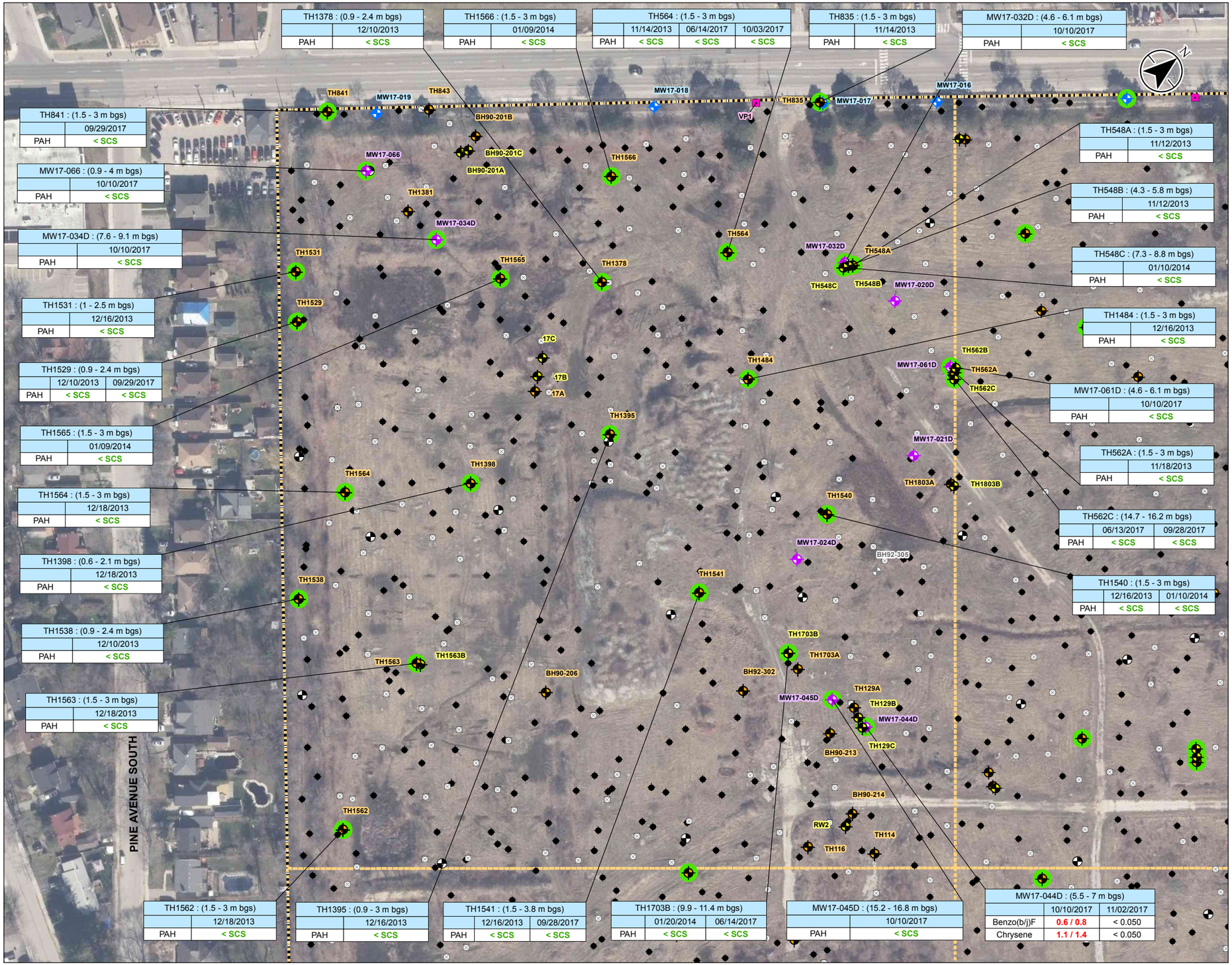
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
16a

Title
Summary of Groundwater Analytical Results - PAHs

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1538 : (0.9 - 2.4 m bgs)	Screen Depth
	12/10/2013	Sample Date
Parameter	PAH < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PAHs - Polycyclic Aromatic Hydrocarbons
8. Benzo (b/j) F - Benzo(b/j)fluoranthene



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
16b

Title
Summary of Groundwater Analytical Results - PAHs - Quadrant 1

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\\Cd1222-f01\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA - Summary\122120255_Phase II ESA_SitePlan_GW Results - PAHs.mxd - Revised: 2018-03-07 By: jmoser

MW17-015 : (1.22 - 3.35 m bgs)	
	06/13/2017
PAH	< SCS

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
PAH	< SCS

TH552 : (1.5 - 4.5 m bgs)	
	11/15/2013
PAH	< SCS

TH820 : (1.5 - 4.5 m bgs)	
	11/15/2013
PAH	< SCS

TH550 : (1.5 - 3 m bgs)	
	11/15/2013
PAH	< SCS

TH1802B : (14.7 - 16.2 m bgs)	
	06/13/2017
PAH	< SCS

TH1407 : (1.5 - 3 m bgs)	
	12/11/2013
PAH	< SCS

TH1485 : (1.5 - 3 m bgs)	
	12/17/2013
PAH	< SCS

TH1414 : (1.5 - 3 m bgs)			
	12/11/2013	06/13/2017	09/28/2017
PAH	< SCS	< SCS	< SCS

19B : (3 - 4.4 m bgs)	
	06/13/2017
PAH	< SCS

MW17-031D : (7.6 - 9.1 m bgs)	
	10/10/2017
PAH	< SCS

TH1467 : (1.5 - 3 m bgs)	
	01/06/2014
PAH	< SCS

BH90-204B : (4.7 - 6.5 m bgs)	
	09/28/2017
PAH	< SCS

TH1600 : (1.5 - 3 m bgs)		
	01/10/2014	06/14/2017
PAH	< SCS	< SCS

TH816 : (1.5 - 3 m bgs)	
	11/18/2013
PAH	< SCS

MW17-013 : (1.22 - 4.27 m bgs)	
	06/13/2017
PAH	< SCS

TH1469 : (1.5 - 3 m bgs)	
	01/13/2014
PAH	< SCS

TH546C : (6.7 - 8.2 m bgs)	
	01/14/2014
PAH	< SCS

TH546B : (4 - 5.5 m bgs)		
	11/13/2013	09/29/2017
PAH	< SCS	< SCS

TH546A : (1.5 - 3 m bgs)	
	11/13/2013
PAH	< SCS

TH1602B : (4 - 5.5 m bgs)	
	01/14/2014
PAH	< SCS

MW17-046D : (4.6 - 6.1 m bgs)	
	10/10/2017
PAH	< SCS

MW17-015 VP2 TH552 BH90-202A TH1802A BH90-202B TH1802B TH566 TH1407 TH820 TH103 TH102 BH90-203 TH1414 TH1485 TH550 TH100 BH92-315 19A 19B 19C MW17-031D BH92-310 BH90-204A BH90-204B BH92-316 TH1807 TH816 VP3 MW17-014 VP4 BH90-109 MW17-013 VP5 TH1469 03-TH7 MW17-012D 03-TH6 BH90-110 VP6 MW17-011 BH92-326A BH92-326B BH90-205 BH92-311 TH112 TH113 MW17-022D TH1600 BH92-317 TH120 TH1602C TH1602B MW17-046D TH121 RW1 MW17-023D TH1800B TH1800A TH1467 TH546C TH546B TH546A BH92-306 TH1804B TH1804A BH90-208

PORT STREET WEST

MISSISSAUGA ROAD SOUTH

BAY STREET

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1538 : (0.9 - 2.4 m bgs)	— Screen Depth
	12/10/2013	— Sample Date
Parameter	PAH	< SCS — Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PAHs - Polycyclic Aromatic Hydrocarbons
8. Benzo (b/j) F - Benzo(b/j)fluoranthene



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

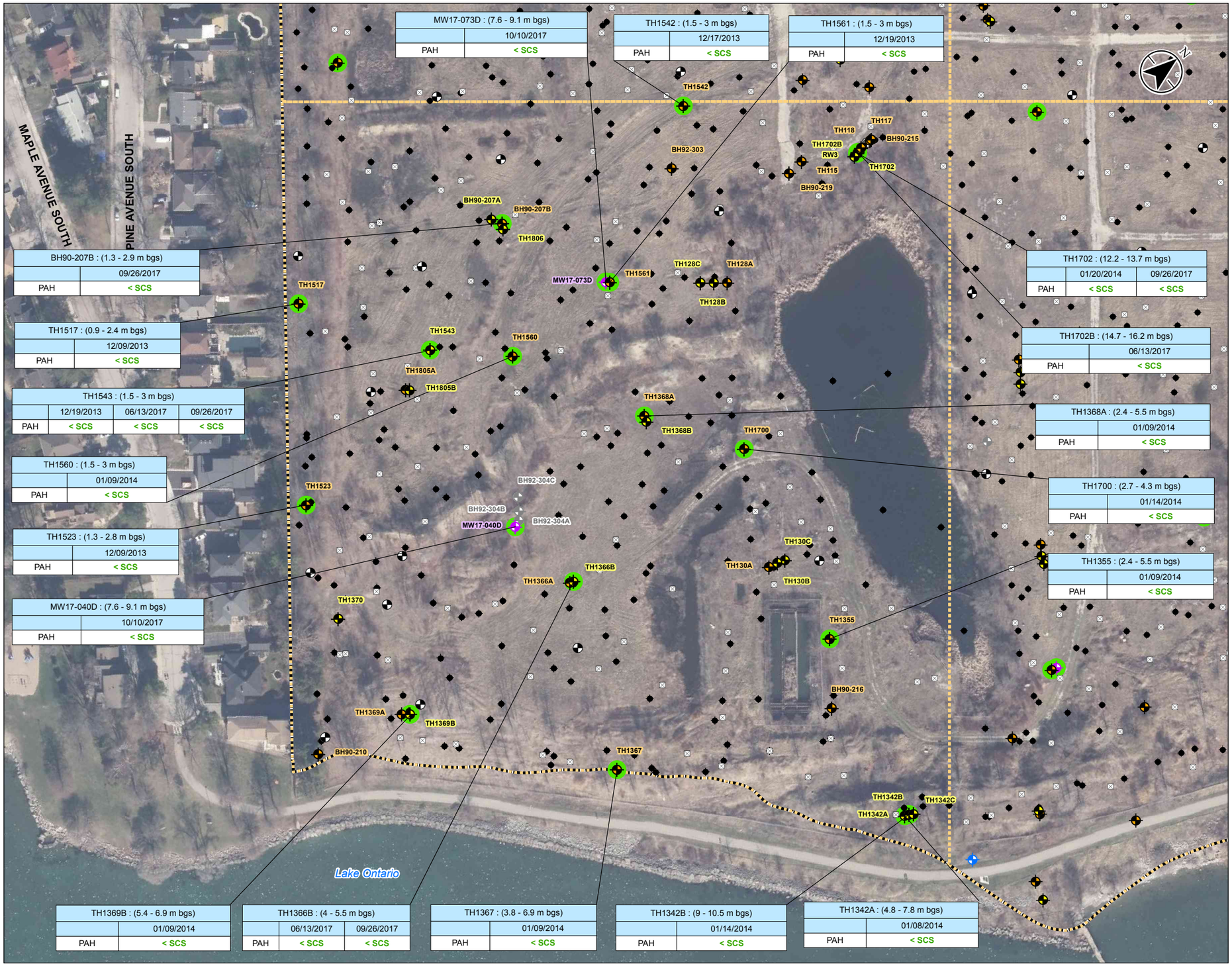
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
16c

Title
Summary of Groundwater Analytical Results - PAHs - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1538 : (0.9 - 2.4 m bgs)	Screen Depth
	12/10/2013	Sample Date
Parameter	PAH	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PAHs - Polycyclic Aromatic Hydrocarbons
8. Benzo (b/j) F - Benzo(b/j)fluoranthene



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

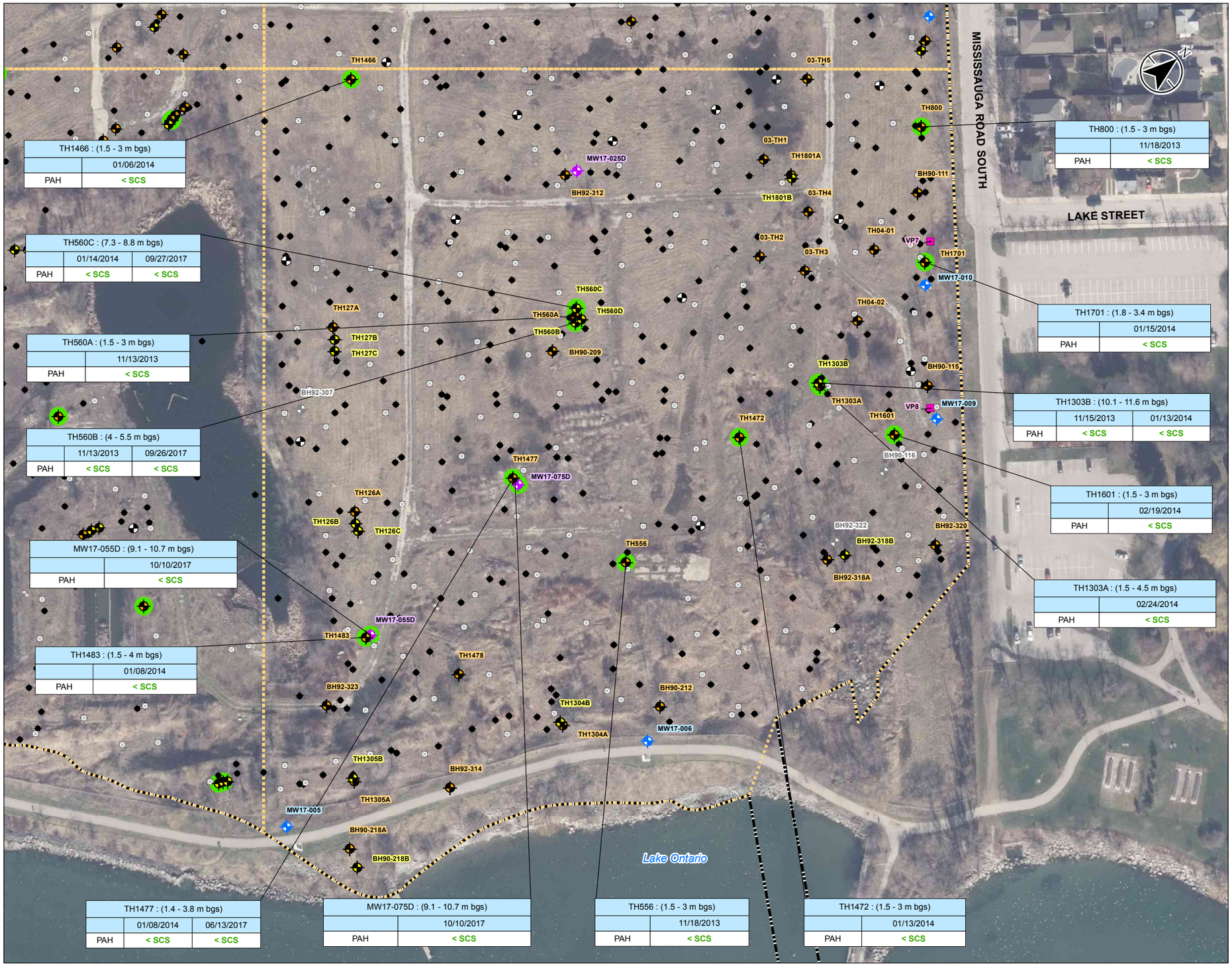
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
16d

Title
Summary of Groundwater Analytical Results - PAHs - Quadrant 3

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TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
PAH	< SCS

TH560C : (7.3 - 8.8 m bgs)		
	01/14/2014	09/27/2017
PAH	< SCS	< SCS

TH560A : (1.5 - 3 m bgs)	
	11/13/2013
PAH	< SCS

TH560B : (4 - 5.5 m bgs)		
	11/13/2013	09/26/2017
PAH	< SCS	< SCS

MW17-055D : (9.1 - 10.7 m bgs)	
	10/10/2017
PAH	< SCS

TH1483 : (1.5 - 4 m bgs)	
	01/08/2014
PAH	< SCS

TH1477 : (1.4 - 3.8 m bgs)		
	01/08/2014	06/13/2017
PAH	< SCS	< SCS

MW17-075D : (9.1 - 10.7 m bgs)	
	10/10/2017
PAH	< SCS

TH556 : (1.5 - 3 m bgs)	
	11/18/2013
PAH	< SCS

TH1472 : (1.5 - 3 m bgs)	
	01/13/2014
PAH	< SCS

TH800 : (1.5 - 3 m bgs)	
	11/18/2013
PAH	< SCS

TH1701 : (1.8 - 3.4 m bgs)	
	01/15/2014
PAH	< SCS

TH1303B : (10.1 - 11.6 m bgs)		
	11/15/2013	01/13/2014
PAH	< SCS	< SCS

TH1601 : (1.5 - 3 m bgs)	
	02/19/2014
PAH	< SCS

TH1303A : (1.5 - 4.5 m bgs)	
	02/24/2014
PAH	< SCS

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1538 : (0.9 - 2.4 m bgs)	Screen Depth
	12/10/2013	Sample Date
Parameter	PAH < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PAHs - Polycyclic Aromatic Hydrocarbons
8. Benzo (b/j) F - Benzo(b/j)fluoranthene



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

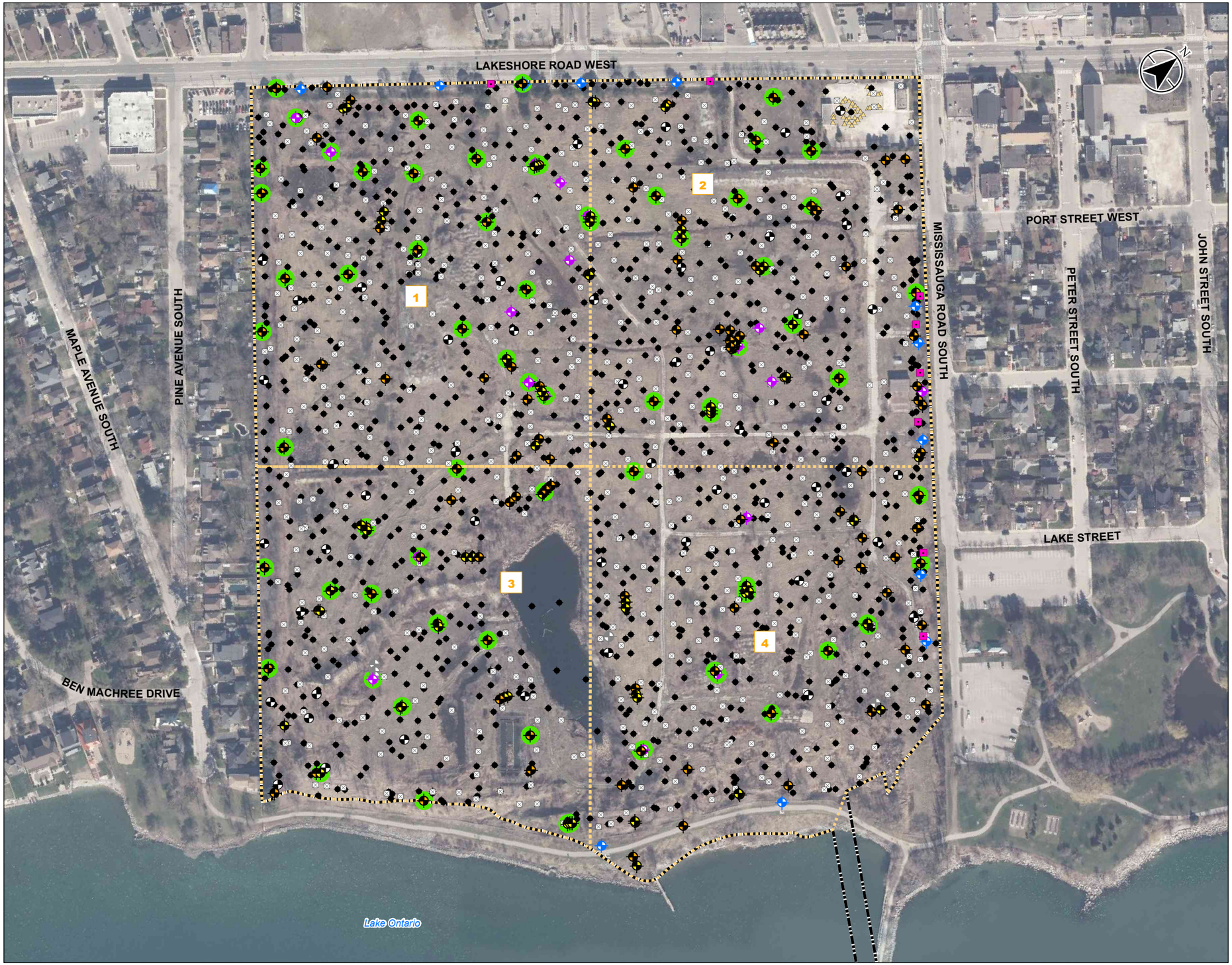
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
16e

Title
Summary of Groundwater Analytical Results - PAHs - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 17b to 17e for monitoring locations ID's.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

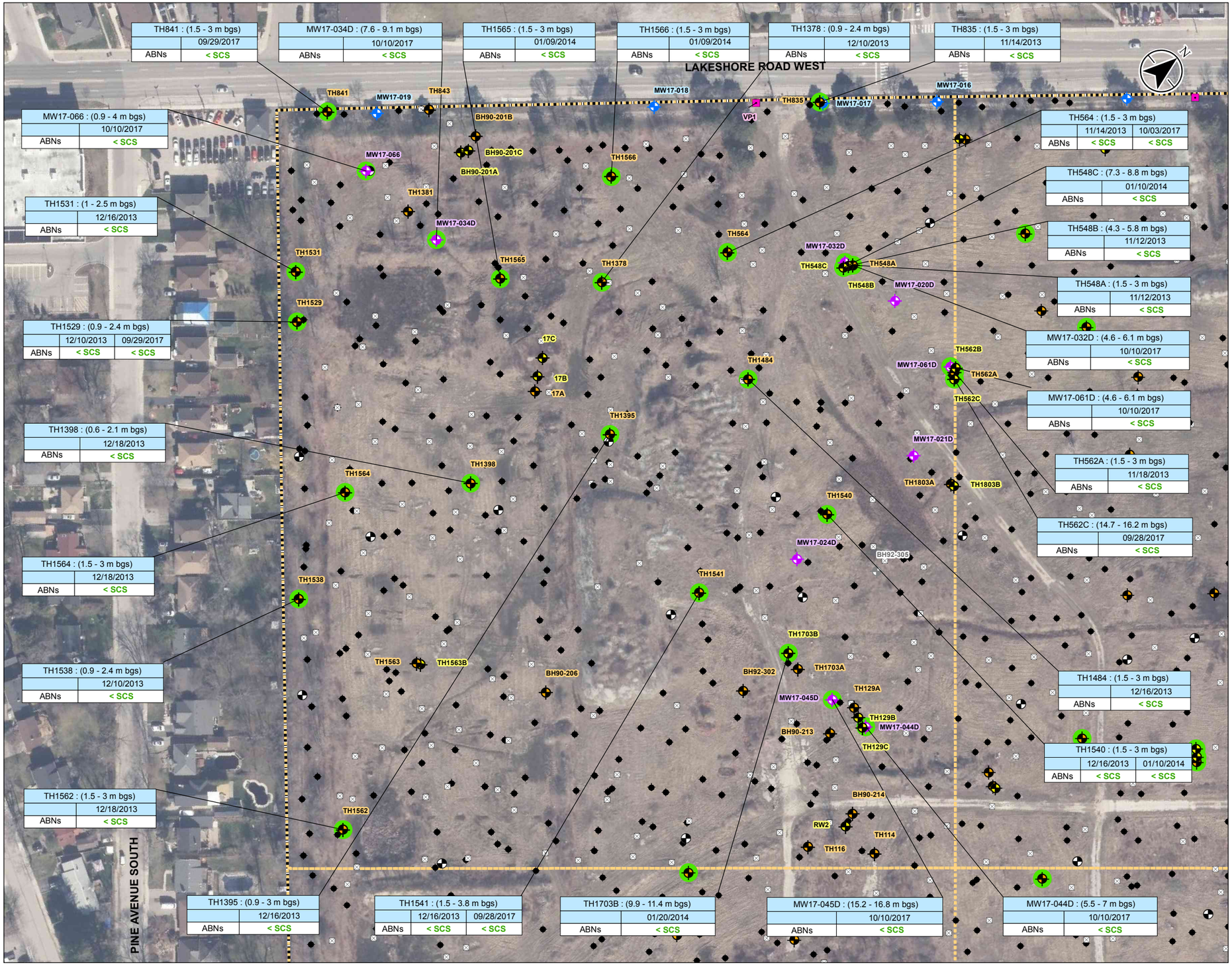
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
17a

Title
Summary of Groundwater Analytical Results - Acid/Base Neutrals

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\\CA1224-f01-work.amer.ad\01221\active\122120255\reporting\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig17a_SiteRan_GW_Results_ABNs.mxd Revised: 2018-03-07 By: rpmoser



Stantec

- Site Boundary
- Quadrant Boundary
- Borehole (Stantec, 2017)
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1540 : (1.5 - 3 m bgs)		Screen Depth
	12/16/2013	01/10/2014	Sample Date
Parameter ABNs	< SCS	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. ABNs - Acid/Base Neutrals



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

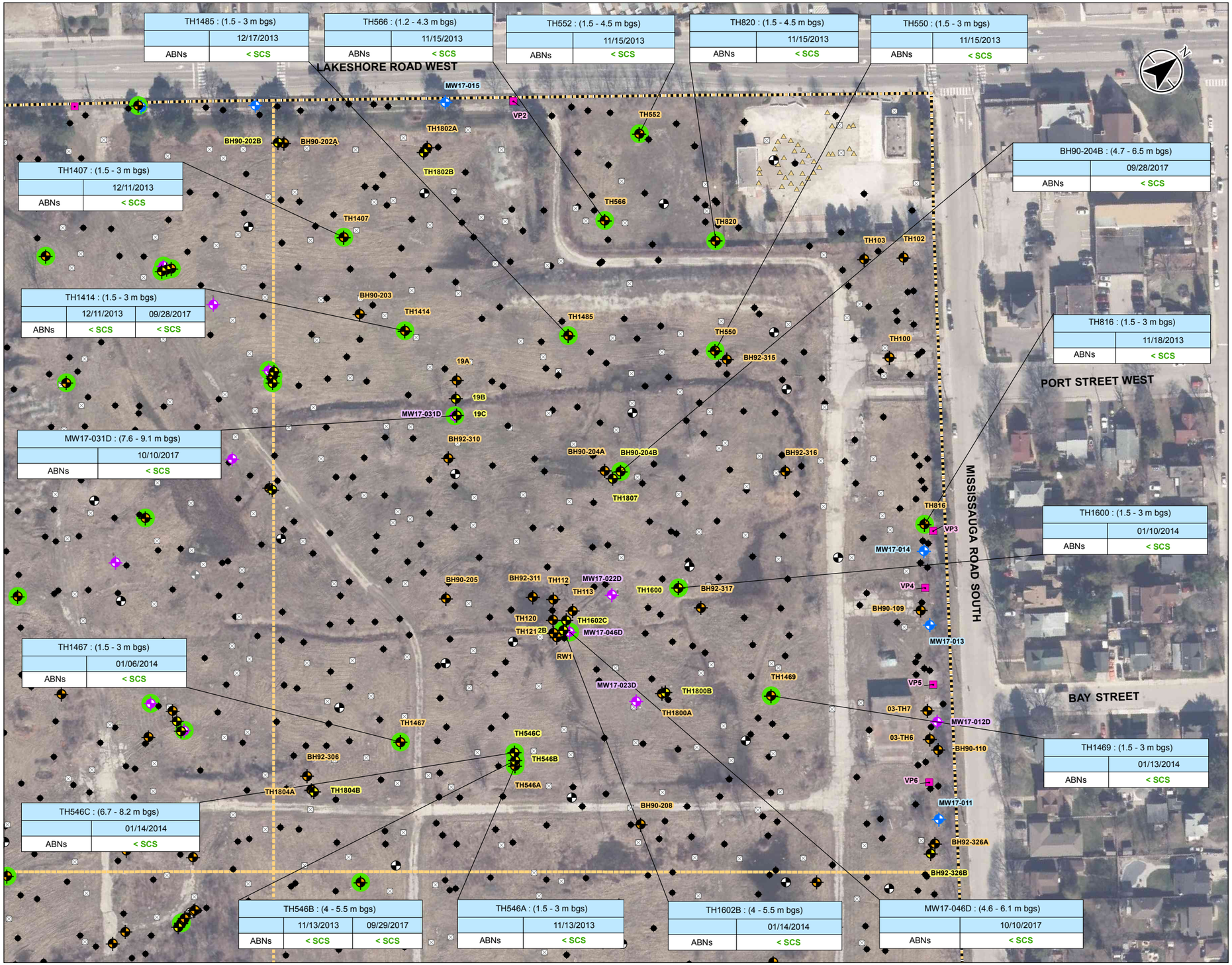
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
17b

Title
Summary of Groundwater Analytical Results - Acid/Base Neutrals - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Borehole (Stantec, 2017)
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1540 : (1.5 - 3 m bgs)		
	12/16/2013	01/10/2014	Screen Depth / Sample Date
Parameter: ABNs	< SCS	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. ABNs - Acid/Base Neutrals



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

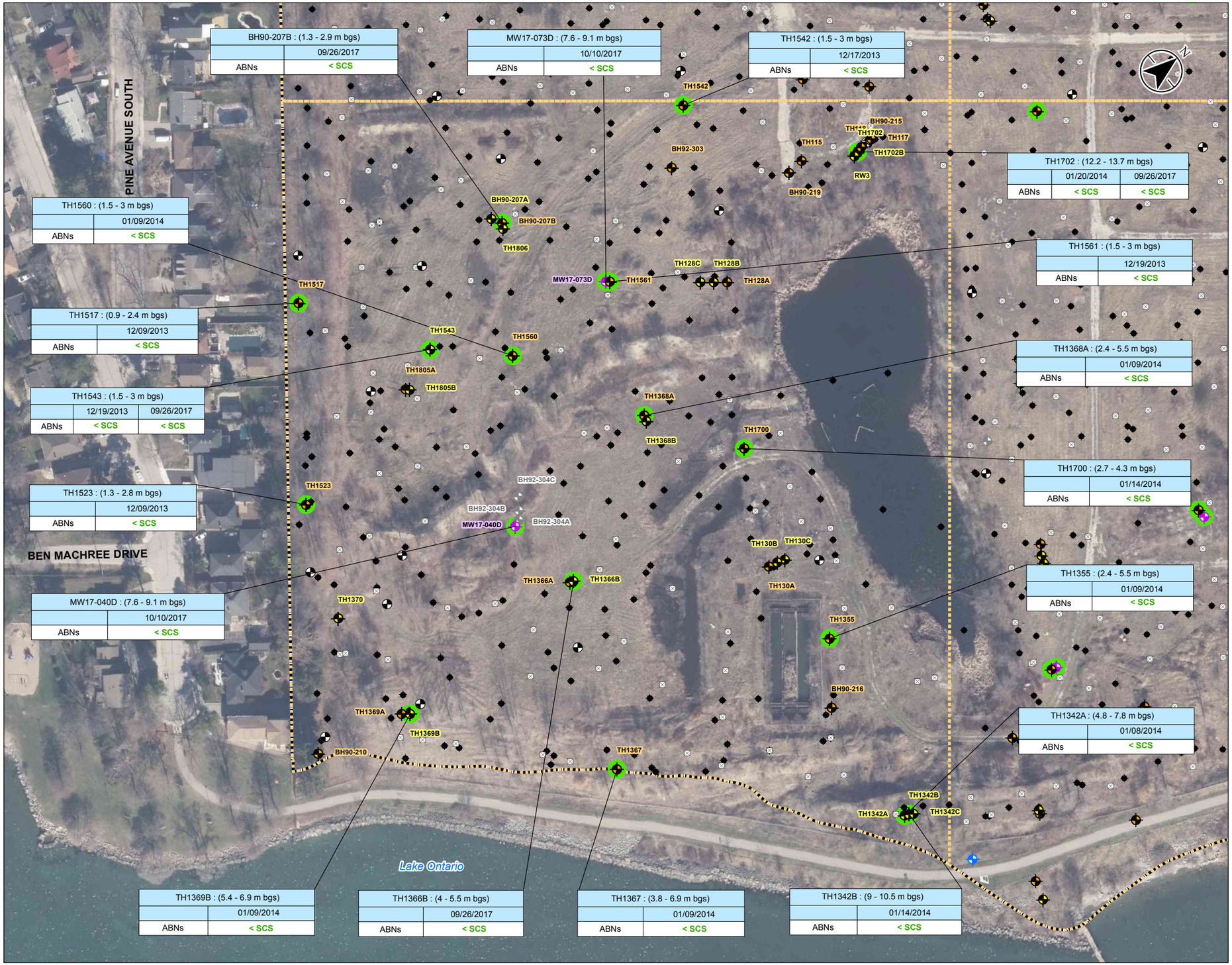
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
17c

Title
Summary of Groundwater Analytical Results - Acid/Base Neutrals - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Borehole (Stantec, 2017)
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1540 : (1.5 - 3 m bgs)			Screen Depth
		12/16/2013	01/10/2014	Sample Date
Parameter	ABNs	< SCS	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. ABNs - Acid/Base Neutrals



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

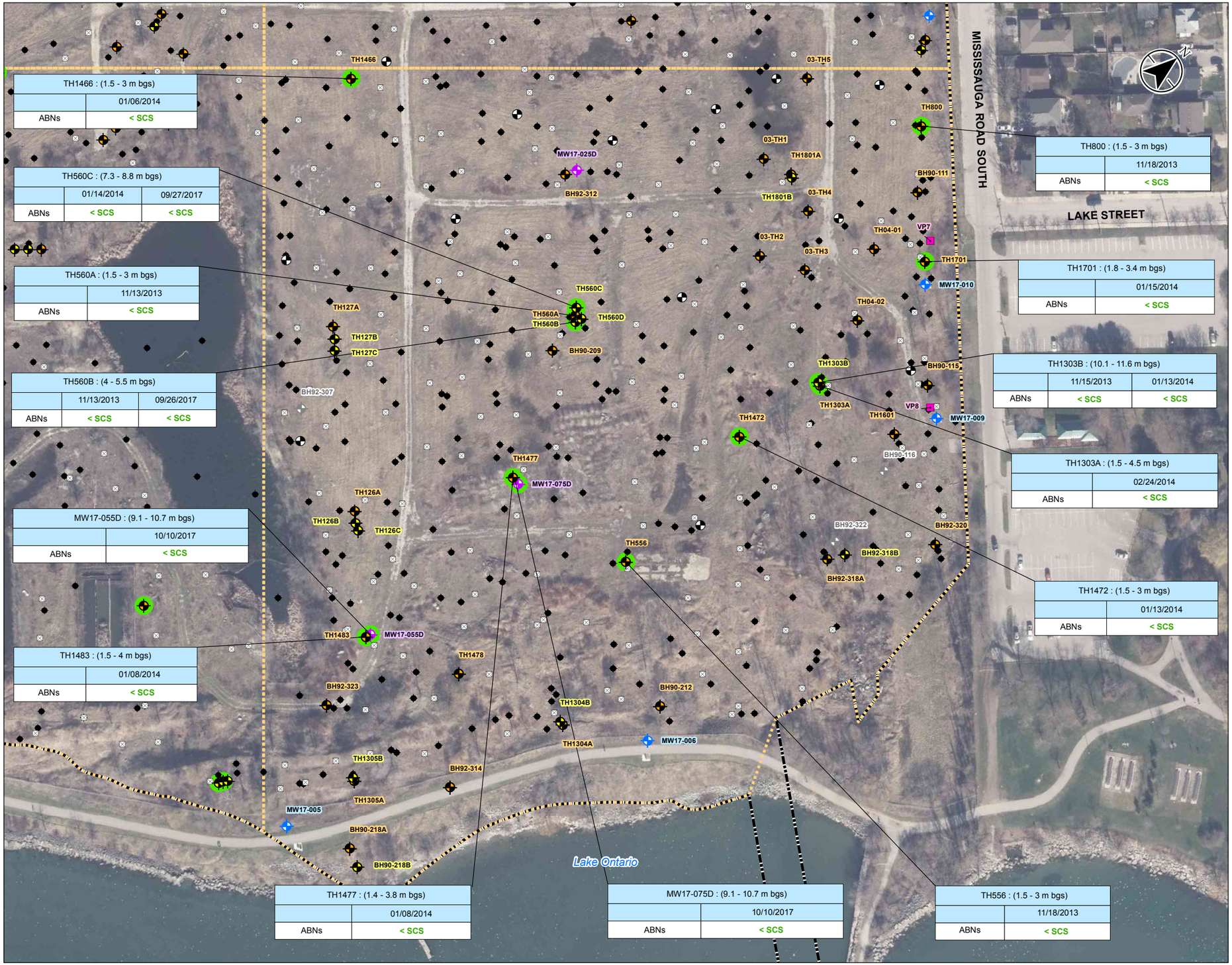
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
17d

Title
Summary of Groundwater Analytical Results - Acid/Base Neutrals - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Borehole (Stantec, 2017)
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1540 : (1.5 - 3 m bgs)			Screen Depth
		12/16/2013	01/10/2014	Sample Date
Parameter	ABNs	< SCS	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. ABNs - Acid/Base Neutrals



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

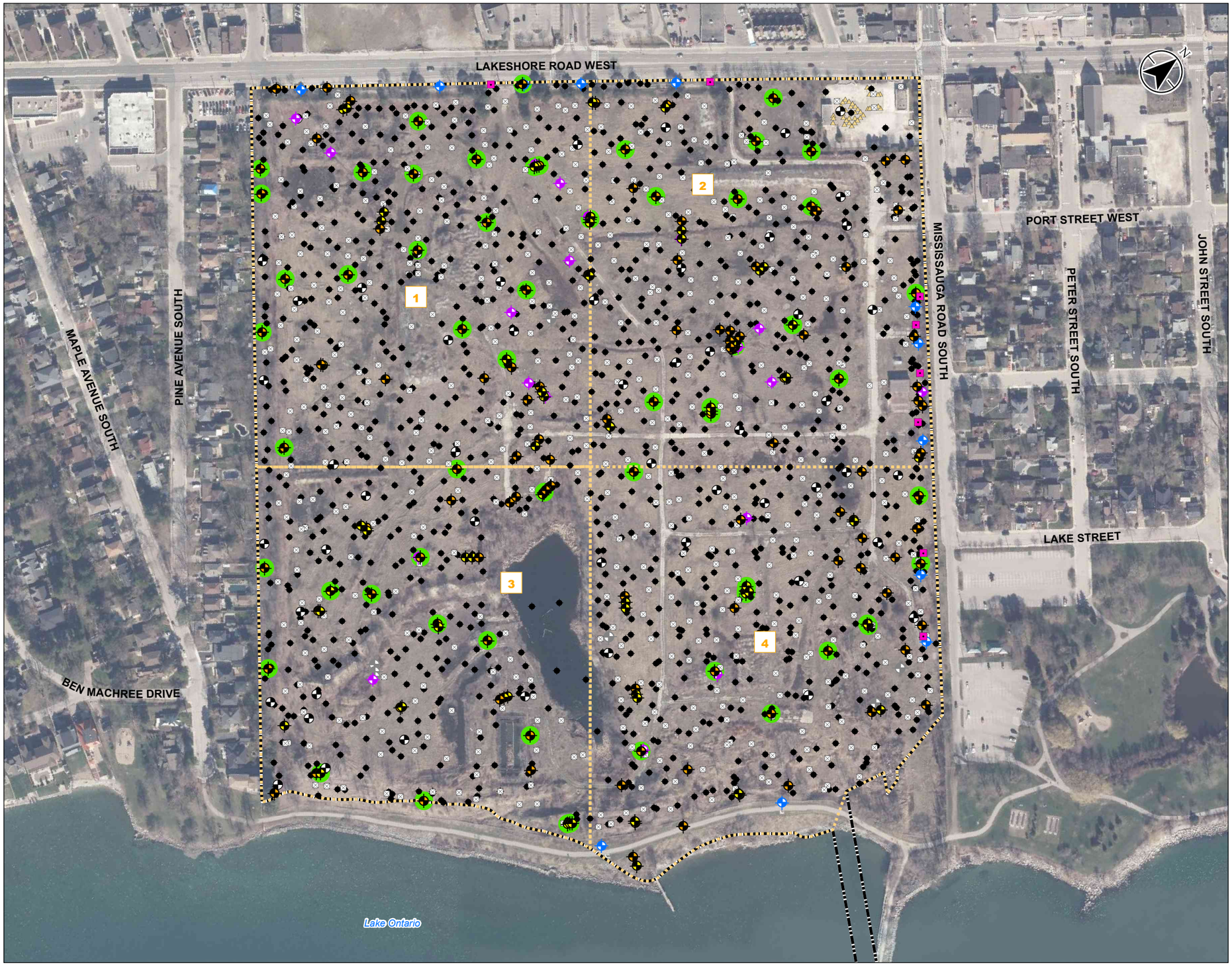
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
17e

Title
Summary of Groundwater Analytical Results - Acid/Base Neutrals - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 18b to 18e for monitoring locations ID's.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

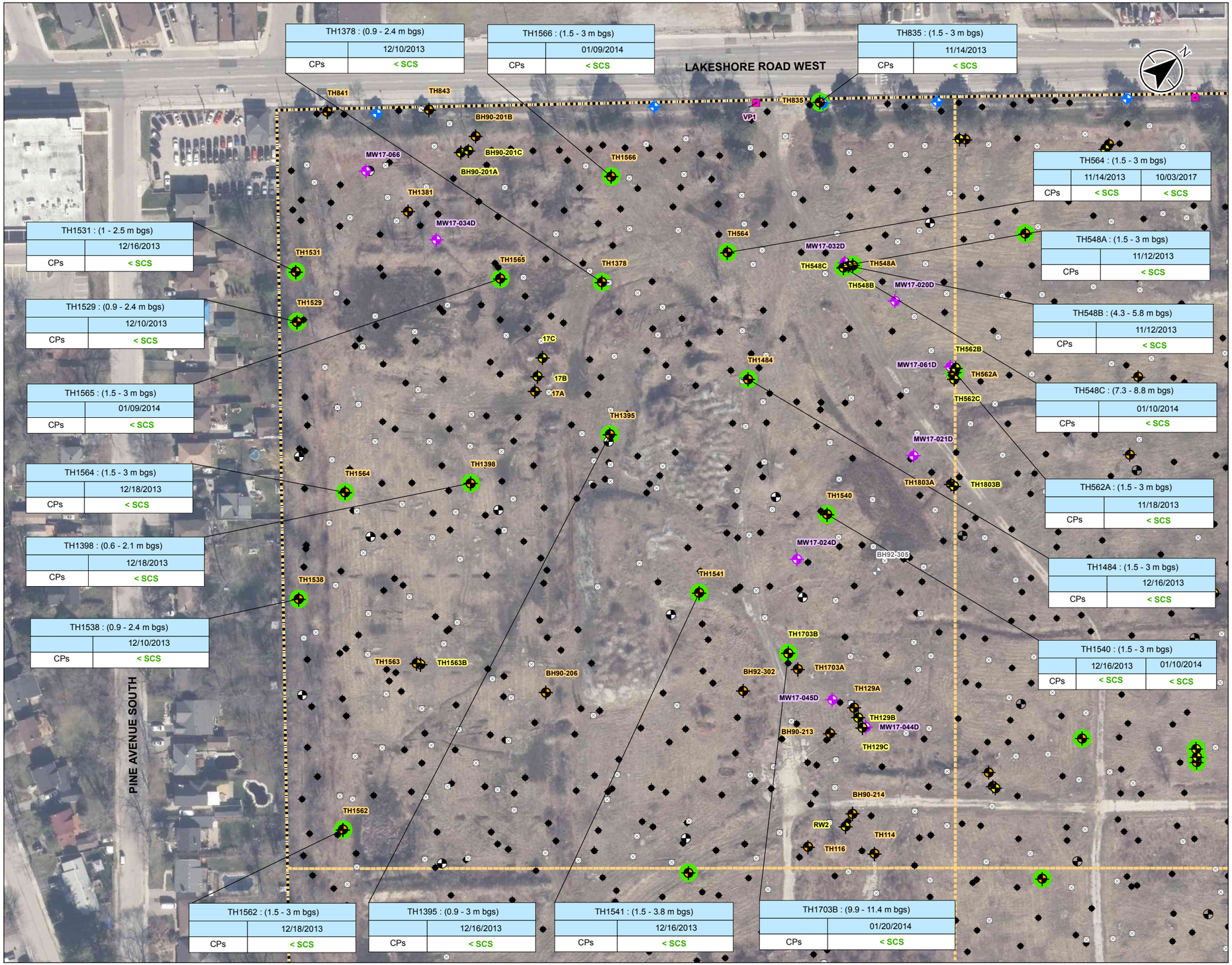
Client/Project
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70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
18a

Title
Summary of Groundwater Analytical Results - Chlorophenols

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1565 : (1.5 - 3 m bgs)	Screen Depth
	01/09/2014	Sample Date
Parameter: CPs	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
6. SCS - site condition standard
7. m bgs - metres below ground surface
8. CPs - Chlorophenols



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

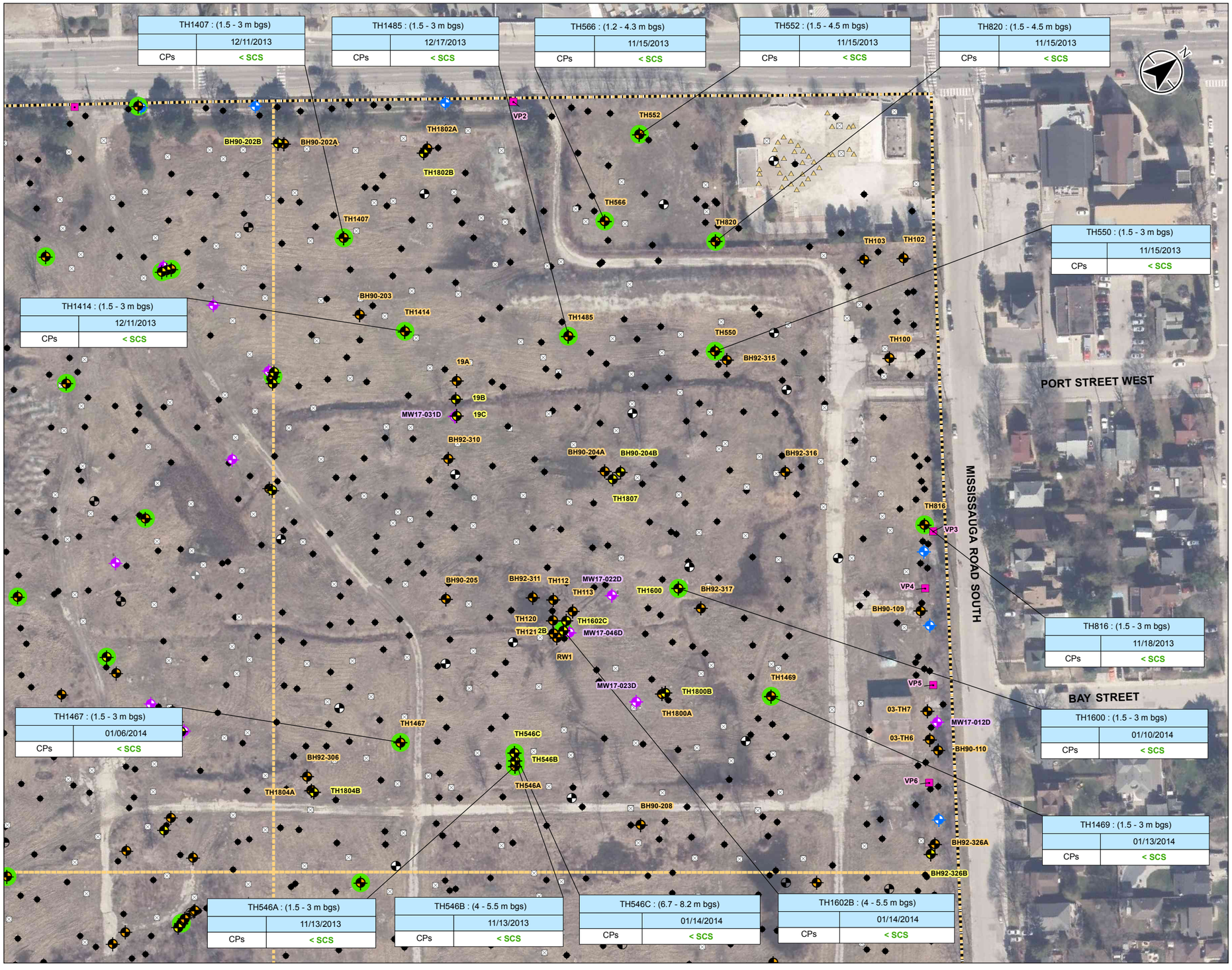
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
18b

Title
Summary of Groundwater Analytical Results - Chlorophenols - Quadrant 1

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\\CA1224-02\work_group\01221\active\122120255\planning\drawing\WDP\Phase II ESA Summary\122120255 Phase II ESA Fig18b - 18b - SitePlan GW Results_CPs.mxd Revised: 2018-03-07 By: pmroyer



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1565 : (1.5 - 3 m bgs)	Screen Depth
	01/09/2014	Sample Date
Parameter: CPs	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
6. SCS - site condition standard
7. m bgs - metres below ground surface
8. CPs - Chlorophenols



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
18c

Title
Summary of Groundwater Analytical Results - Chlorophenols - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1565 : (1.5 - 3 m bgs)	Screen Depth
	01/09/2014	Sample Date
Parameter	CPs < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
6. SCS - site condition standard
7. m bgs - metres below ground surface
8. CPs - Chlorophenols



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

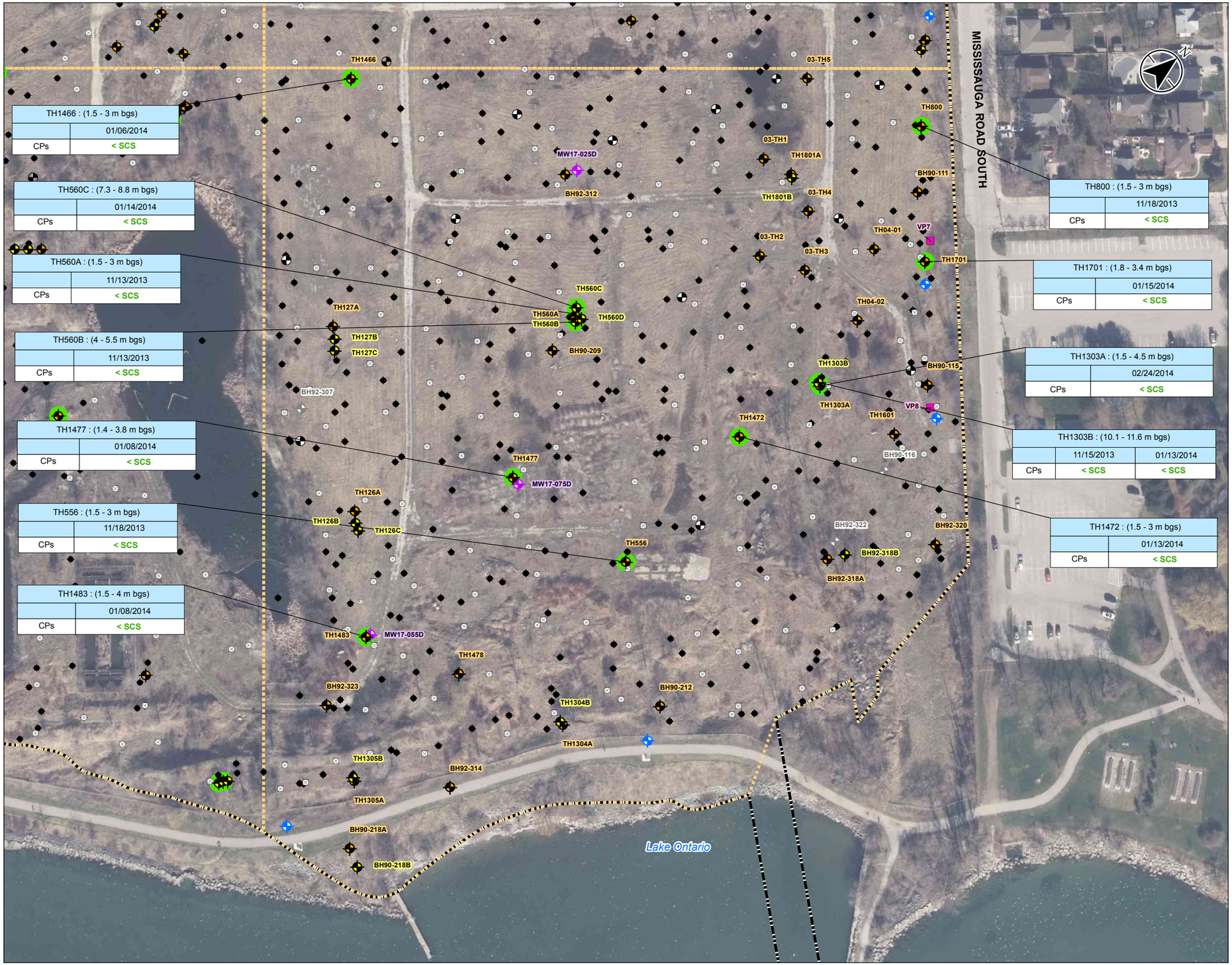
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
18d

Title
Summary of Groundwater Analytical Results - Chlorophenols - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1565 : (1.5 - 3 m bgs)		Screen Depth
		01/09/2014	Sample Date
Parameter	CPs	< SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
6. SCS - site condition standard
7. m bgs - metres below ground surface
8. CPs - Chlorophenols



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

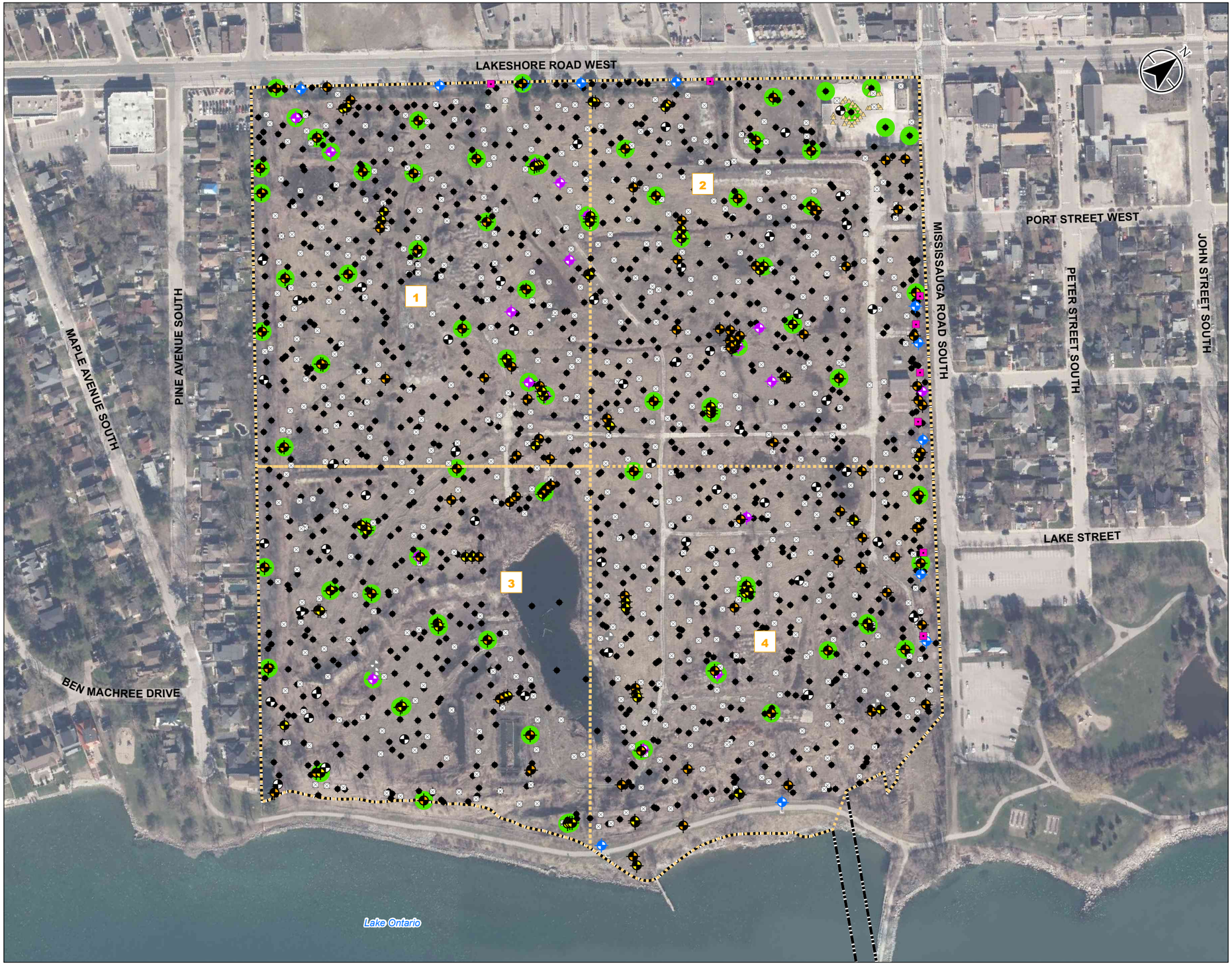
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
18e

Title
Summary of Groundwater Analytical Results - Chlorophenols - Quadrant 4

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Stantec

Site Boundary

Quadrant Boundary

1 Quadrant

Existing Monitoring Well (Bedrock)

Existing Monitoring Well (Overburden)

Monitoring Well Damaged or Could Not Be Found in 2017

Bedrock Monitoring Well (Stantec, 2017)

Overburden Monitoring Well (Stantec, 2017)

Borehole (Stantec, 2017)

Test Hole (Exp, 2013-16)

Test Pit (Exp, 2013-16)

Excavation Sample Location (Exp, 2016)

Vapour Probe (Exp, 2015)

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 19b to 19e for monitoring location ID's.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

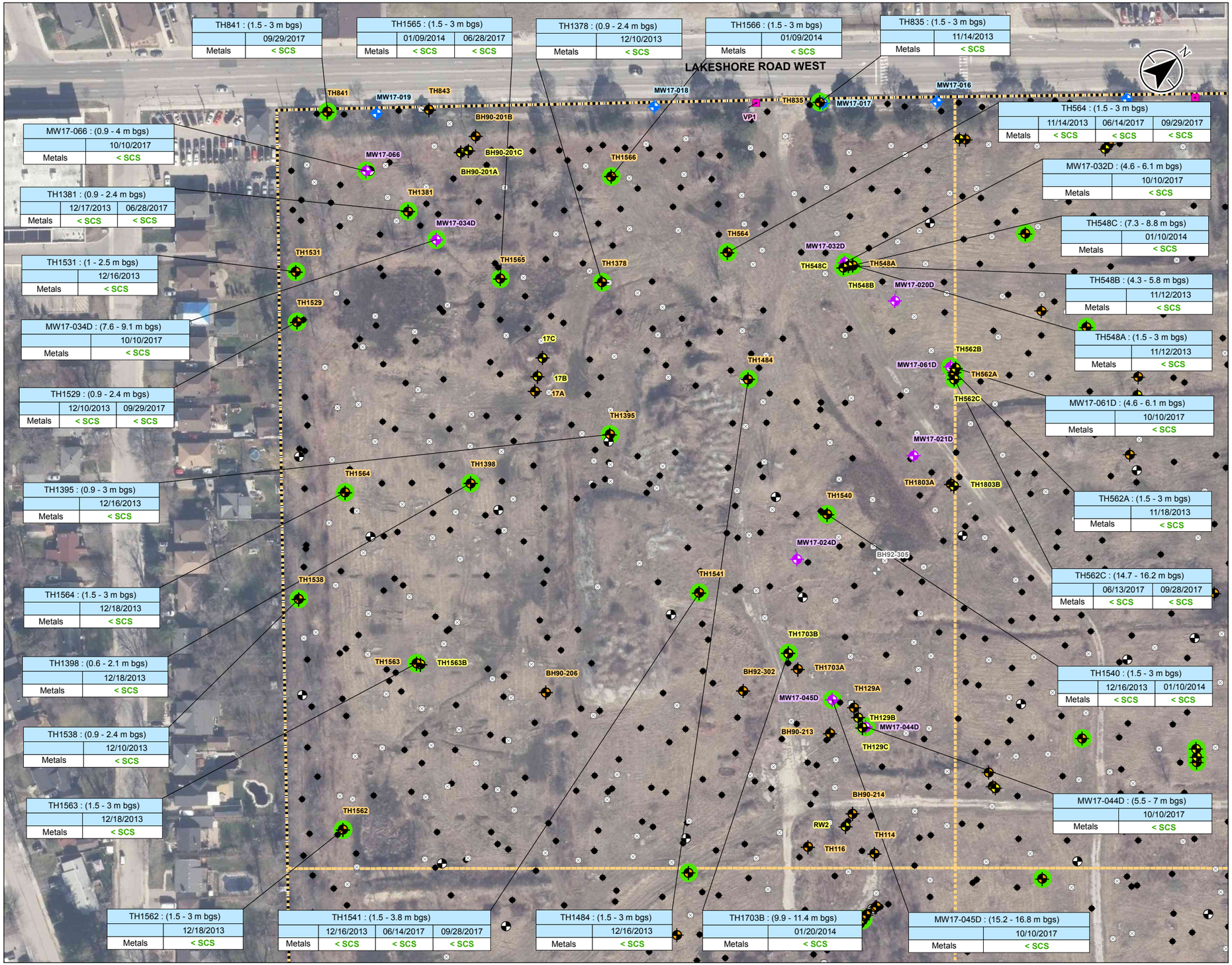
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
19a

Title
Summary of Groundwater Analytical Results - Metals

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Revised: 2018-03-07 By: cmosier
\\Cd1220-f07\work_group\01221\active\122120255\planning\Reporting\MXD\Phase II ESA - Summary\122120255_Phase II_ESA_FigXIa_SitePlan_GW Results_Metals.mxd



Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1564 : (1.5 - 3 m bgs)	Screen Depth
	12/18/2013	Sample Date
Parameter	Metals < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5.. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
19b

Title
Summary of Groundwater Analytical Results - Metals - Quadrant 1

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\\Cd1224-f02\work_group\01221\active\122120255\planning\Design\WD\Phase II ESA - Summary\122120255 Phase II ESA Fig19b - 19e - SitePlan_GW Results - Metals.mxd Revised: 2018-03-07 By: pmosier

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
Metals	< SCS

TH552 : (1.5 - 4.5 m bgs)	
	11/15/2013
Metals	< SCS

TH820 : (1.5 - 4.5 m bgs)	
	11/15/2013
Metals	< SCS

TH1 : (1.5 - 4.6 m bgs)	
	12/20/2016
Metals	< SCS

TH3 : (1.2 - 4.3 m bgs)	
	12/19/2016
Metals	< SCS

TH6 : (1.1 - 4.1 m bgs)	
	12/19/2016
Metals	< SCS

TH4 : (1.5 - 4.6 m bgs)	
	12/19/2016
Metals	< SCS

TH5 : (1.2 - 4.3 m bgs)	
	12/19/2016
Metals	< SCS

TH1407 : (1.5 - 3 m bgs)	
	12/11/2013
Metals	< SCS

TH550 : (1.5 - 3 m bgs)	
	11/15/2013
Metals	< SCS

TH1414 : (1.5 - 3 m bgs)			
	12/11/2013	06/13/2017	09/29/2017
Metals	< SCS	< SCS	< SCS

BH90-204B : (4.7 - 6.5 m bgs)	
	09/28/2017
Metals	< SCS

TH1485 : (1.5 - 3 m bgs)	
	12/17/2013
Metals	< SCS

TH816 : (1.5 - 3 m bgs)	
	11/18/2013
Metals	< SCS

MW17-031D : (7.6 - 9.1 m bgs)	
	10/10/2017
Metals	< SCS

TH1600 : (1.5 - 3 m bgs)		
	01/10/2014	06/14/2017
Metals	< SCS	< SCS

TH1467 : (1.5 - 3 m bgs)	
	01/06/2014
Metals	< SCS

TH1469 : (1.5 - 3 m bgs)	
	01/13/2014
Metals	< SCS

TH546C : (6.7 - 8.2 m bgs)	
	01/14/2014
Metals	< SCS

TH546B : (4 - 5.5 m bgs)		
	11/13/2013	09/29/2017
Metals	< SCS	< SCS

TH546A : (1.5 - 3 m bgs)	
	11/13/2013
Metals	< SCS

TH1602B : (4 - 5.5 m bgs)	
	01/14/2014
Metals	< SCS

MW17-046D : (4.6 - 6.1 m bgs)	
	10/10/2017
Metals	< SCS

LAKESHORE ROAD WEST

MISSISSAUGA ROAD SOUTH

BAY STREET

MW17-015 VP2 TH552 TH1802A BH90-202B BH90-202A TH1802B TH566 TH1407 TH1 TH3 TH6 TH4 TH5 TH820 TH103 TH102 BH90-203 TH1414 TH1485 TH550 TH100 BH92-315 19A 19B 19C MW17-031D BH92-310 BH90-204A BH90-204B BH92-316 TH1807 TH816 VP3 MW17-014 BH90-205 BH92-311 TH112 MW17-022D TH113 TH1600 BH92-317 VP4 BH90-109 TH120 TH1602C TH1212B MW17-046D RW1 MW17-013 TH1469 MW17-023D TH1800B TH1800A VP5 03-TH7 MW17-012D 03-TH6 BH90-110 TH1467 TH546C TH546B BH92-306 TH546A TH1804A TH1804B VP6 MW17-011 BH90-208 BH92-326A BH92-326B

Site Boundary
Quadrant Boundary
Bedrock Monitoring Well (Stantec, 2017)
Overburden Monitoring Well (Stantec, 2017)
Borehole (Stantec, 2017)
Existing Monitoring Well (Bedrock)
Existing Monitoring Well (Overburden)
Test Hole (Exp, 2013-16)
Test Pit (Exp, 2013-16)
Excavation Sample Location (Exp, 2016)
Vapour Probe (Exp, 2015)
Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID	TH1564 : (1.5 - 3 m bgs)	Screen Depth
	12/18/2013	Sample Date
Parameter	Metals < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5.. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
19c

Title
Summary of Groundwater Analytical Results - Metals - Quadrant 2

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Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5.. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

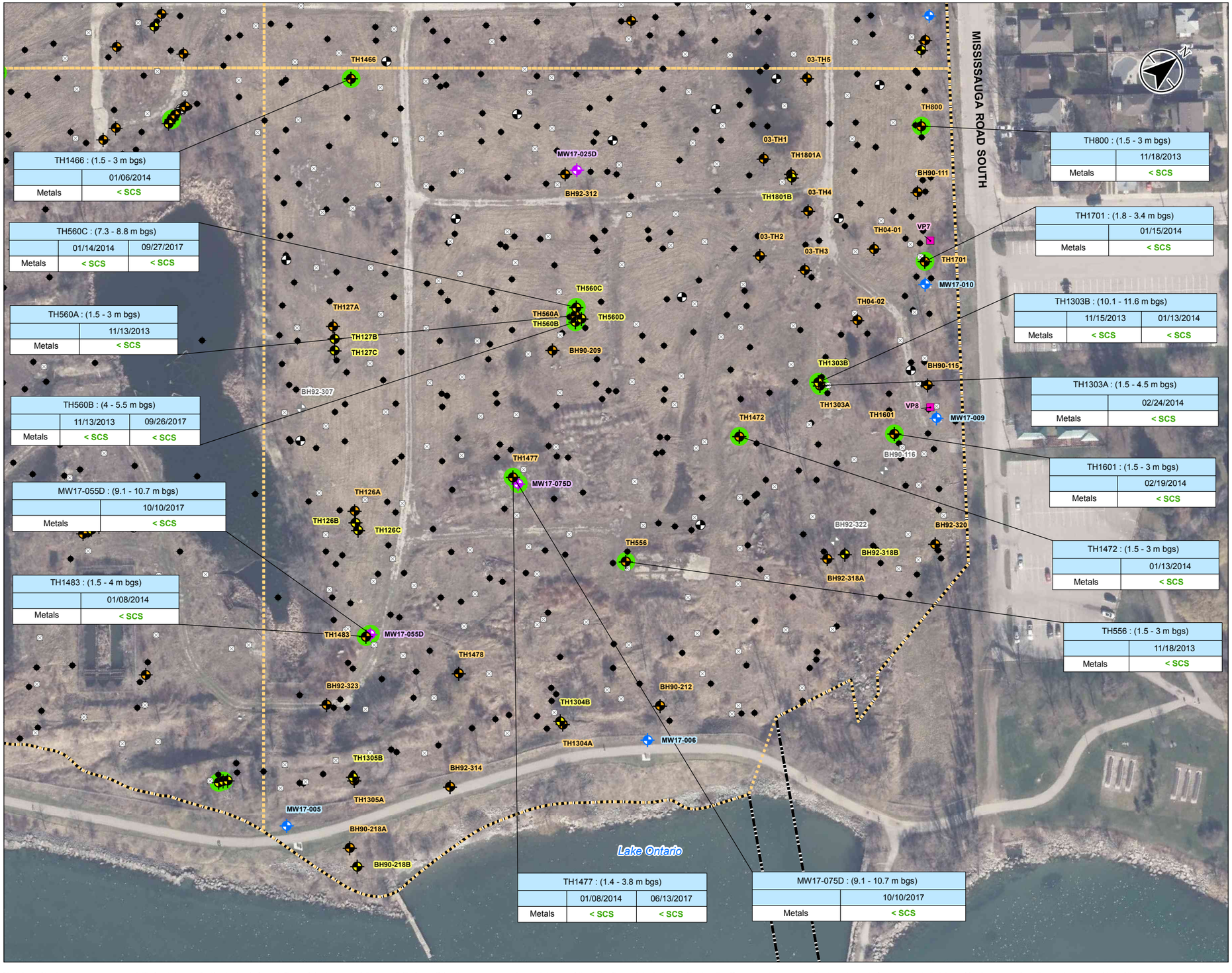
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
19d

Title
Summary of Groundwater Analytical Results - Metals - Quadrant 3

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TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
Metals	< SCS

TH560C : (7.3 - 8.8 m bgs)		
	01/14/2014	09/27/2017
Metals	< SCS	< SCS

TH560A : (1.5 - 3 m bgs)	
	11/13/2013
Metals	< SCS

TH560B : (4 - 5.5 m bgs)		
	11/13/2013	09/26/2017
Metals	< SCS	< SCS

MW17-055D : (9.1 - 10.7 m bgs)	
	10/10/2017
Metals	< SCS

TH1483 : (1.5 - 4 m bgs)	
	01/08/2014
Metals	< SCS

TH800 : (1.5 - 3 m bgs)	
	11/18/2013
Metals	< SCS

TH1701 : (1.8 - 3.4 m bgs)	
	01/15/2014
Metals	< SCS

TH1303B : (10.1 - 11.6 m bgs)		
	11/15/2013	01/13/2014
Metals	< SCS	< SCS

TH1303A : (1.5 - 4.5 m bgs)	
	02/24/2014
Metals	< SCS

TH1601 : (1.5 - 3 m bgs)	
	02/19/2014
Metals	< SCS

TH1472 : (1.5 - 3 m bgs)	
	01/13/2014
Metals	< SCS

TH556 : (1.5 - 3 m bgs)	
	11/18/2013
Metals	< SCS

TH1477 : (1.4 - 3.8 m bgs)		
	01/08/2014	06/13/2017
Metals	< SCS	< SCS

MW17-075D : (9.1 - 10.7 m bgs)	
	10/10/2017
Metals	< SCS

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Sample ID — TH1564 : (1.5 - 3 m bgs) — Screen Depth
Sample Date — 12/18/2013
Parameter — Metals | < SCS — Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5.. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

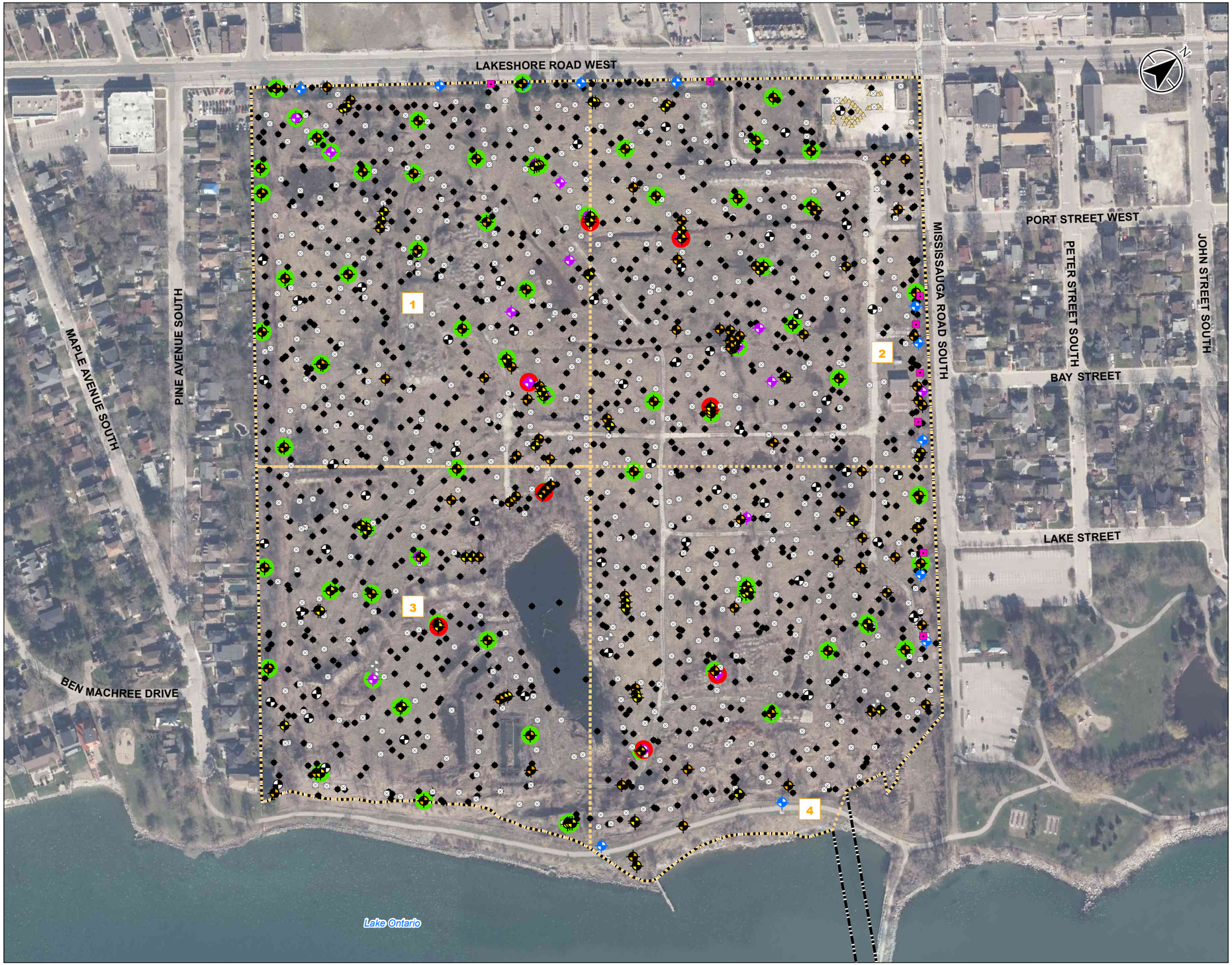
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
19e

Title
Summary of Groundwater Analytical Results - Metals - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 -Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 -Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS		
Parameter	Value	Maximum Concentration
Chloride	2,300 (mg/L)	4,2000 (mg/L)
Sodium	2,300,000 (µg/L)	18,000,000 (µg/L)

*Refer to Table 19 for full Sodium and Chloride results.

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 20b to 20e for monitoring locations ID's



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

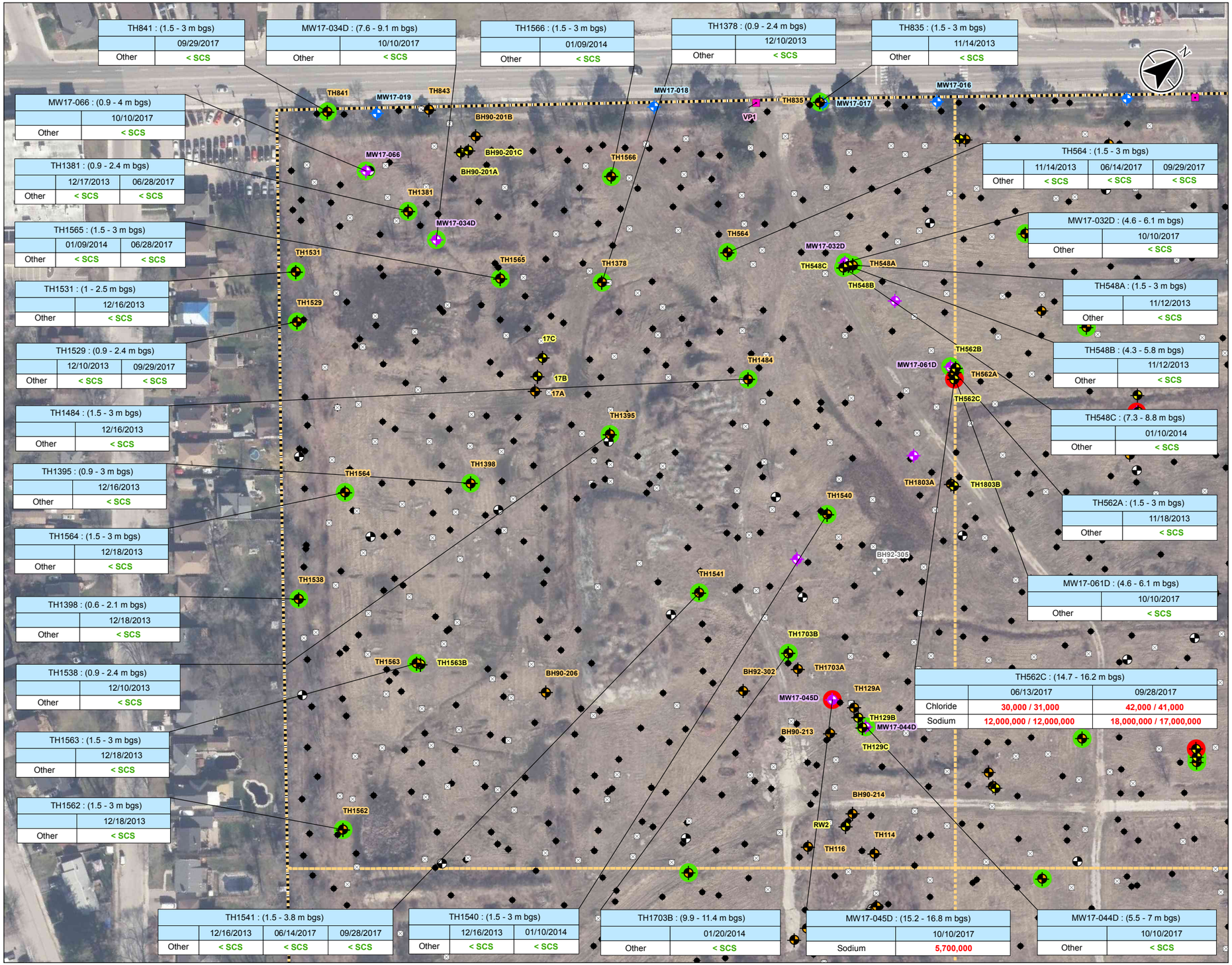
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
20a

Title
Summary of Groundwater Analytical Results - Sodium and Chloride

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

*Refer to Table 19 for full Sodium and Chloride Results

Sample ID	TH1529 : (0.9 - 2.4 m bgs)		
	12/10/2013	09/29/2017	Screen Depth
Parameter	Other < SCS	< SCS	Sample Date / Value/Field Duplicate (µg/L) or (mg/L)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

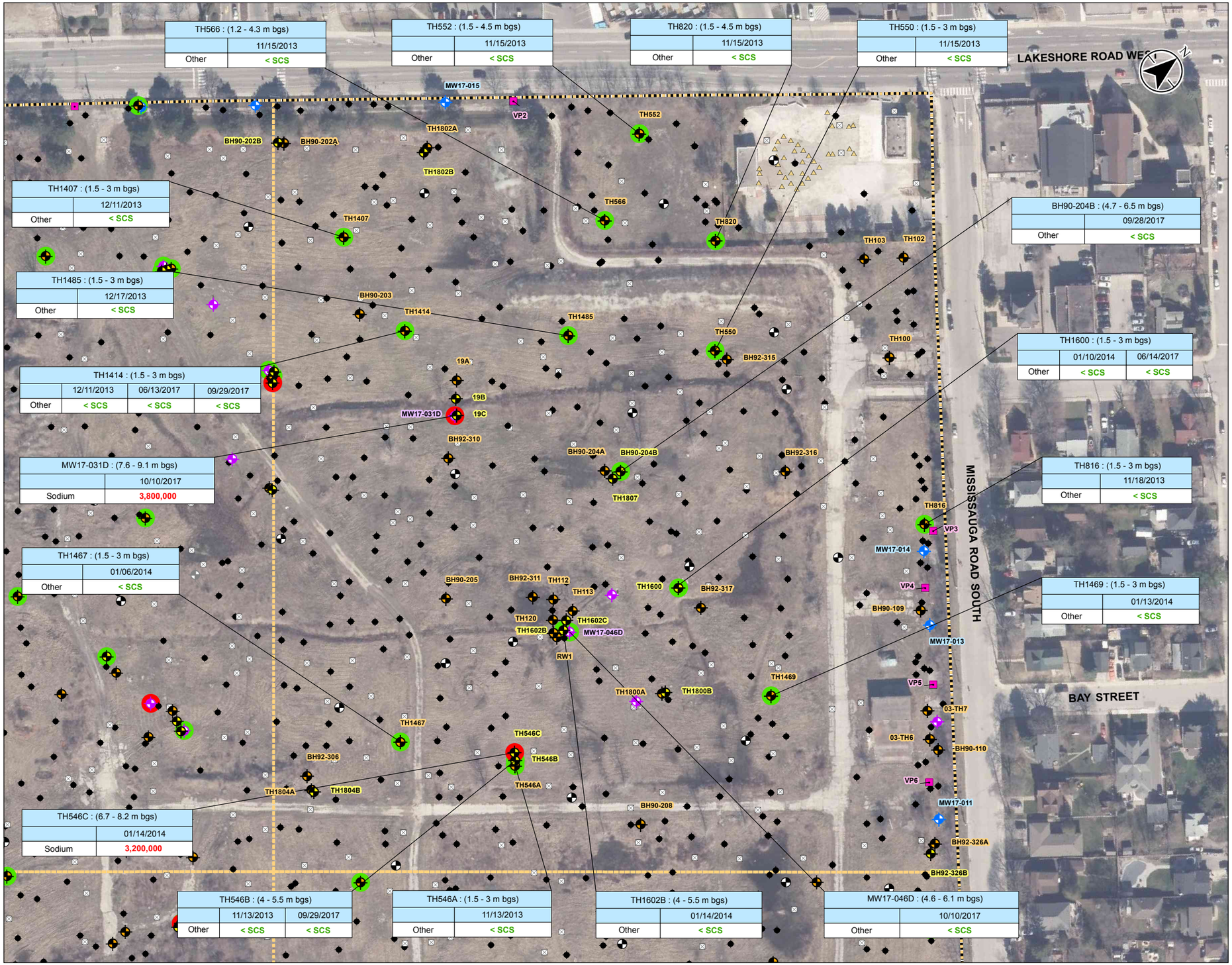
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
20b

Title
Summary of Groundwater Analytical Results - Sodium and Chloride - Quadrant 1

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

*Refer to Table 19 for full Sodium and Chloride Results

Sample ID	TH1529 : (0.9 - 2.4 m bgs)			Screen Depth
		12/10/2013	09/29/2017	Sample Date
Parameter	Other	< SCS	< SCS	Value/Field Duplicate (µg/L) or (mg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

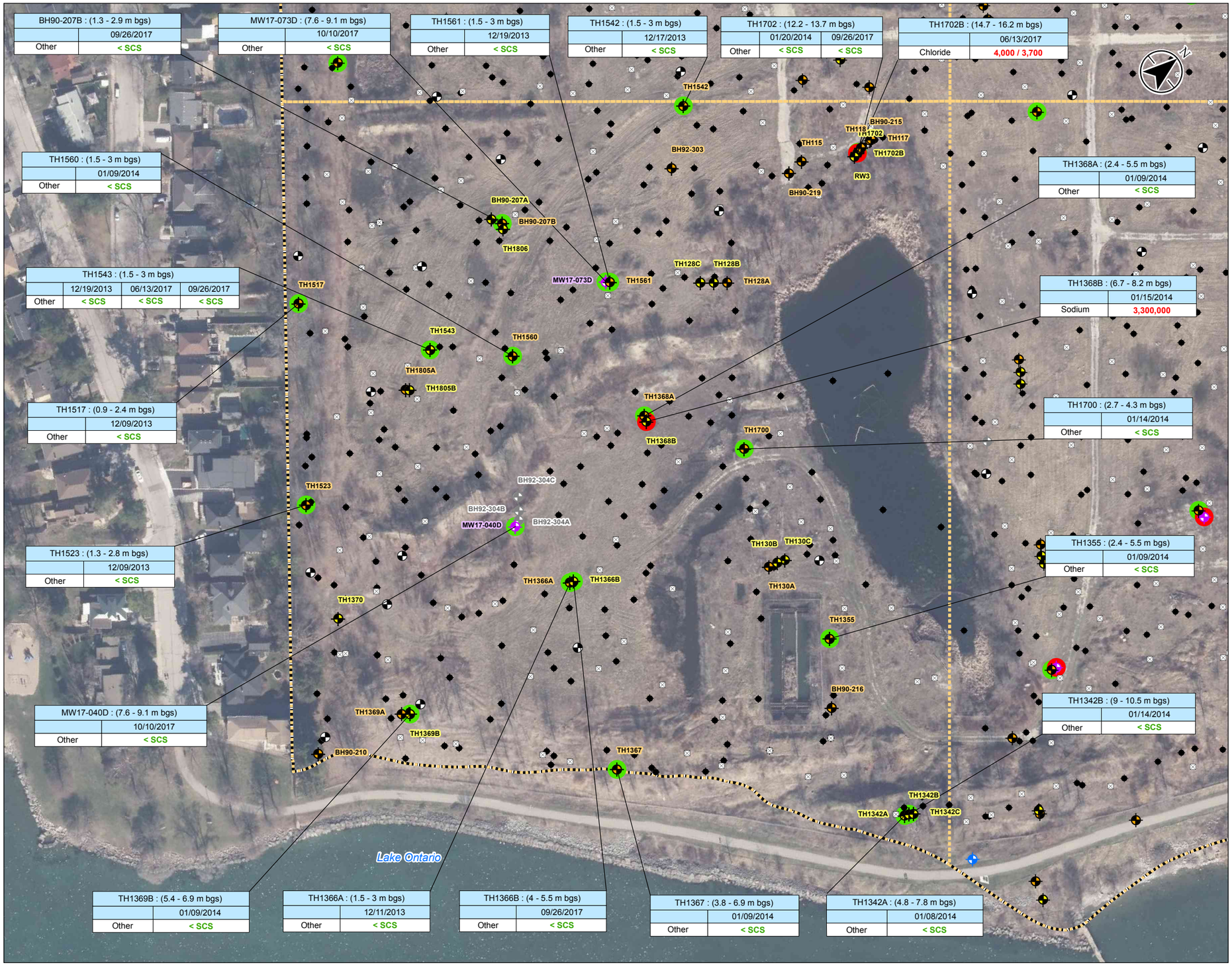
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
20c

Title
Summary of Groundwater Analytical Results - Sodium and Chloride - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

*Refer to Table 19 for full Sodium and Chloride Results

Sample ID	TH1529 : (0.9 - 2.4 m bgs)		— Screen Depth
	12/10/2013	09/29/2017	— Sample Date
Parameter — Other	< SCS	< SCS	— Value/Field Duplicate (µg/L) or (mg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

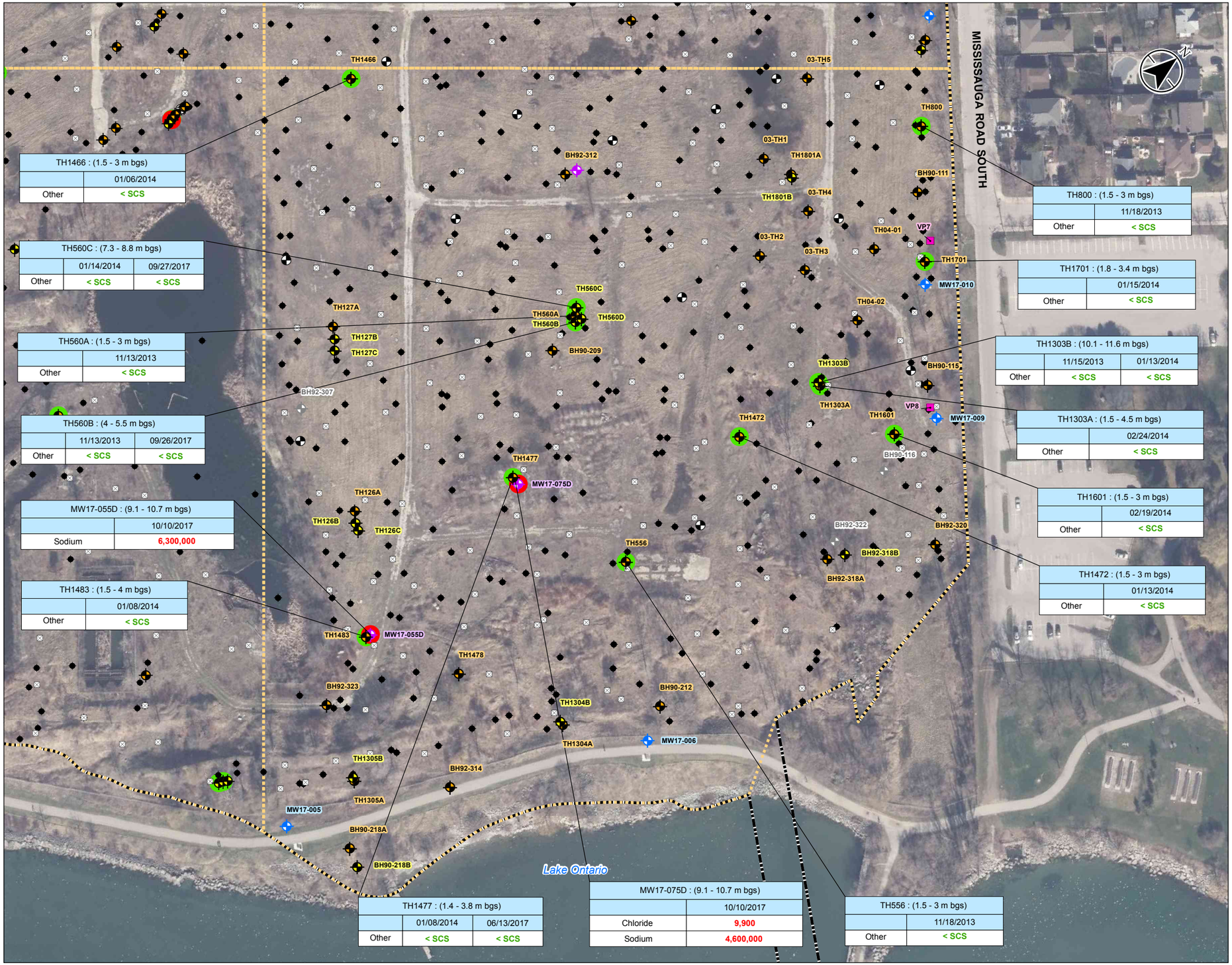
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
20d

Title
Summary of Groundwater Analytical Results - Sodium and Chloride - Quadrant 3

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TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
Other	< SCS

TH560C : (7.3 - 8.8 m bgs)		
	01/14/2014	09/27/2017
Other	< SCS	< SCS

TH560A : (1.5 - 3 m bgs)	
	11/13/2013
Other	< SCS

TH560B : (4 - 5.5 m bgs)		
	11/13/2013	09/26/2017
Other	< SCS	< SCS

MW17-055D : (9.1 - 10.7 m bgs)	
	10/10/2017
Sodium	6,300,000

TH1483 : (1.5 - 4 m bgs)	
	01/08/2014
Other	< SCS

TH800 : (1.5 - 3 m bgs)	
	11/18/2013
Other	< SCS

TH1701 : (1.8 - 3.4 m bgs)	
	01/15/2014
Other	< SCS

TH1303B : (10.1 - 11.6 m bgs)		
	11/15/2013	01/13/2014
Other	< SCS	< SCS

TH1303A : (1.5 - 4.5 m bgs)	
	02/24/2014
Other	< SCS

TH1601 : (1.5 - 3 m bgs)	
	02/19/2014
Other	< SCS

TH1472 : (1.5 - 3 m bgs)	
	01/13/2014
Other	< SCS

TH1477 : (1.4 - 3.8 m bgs)		
	01/08/2014	06/13/2017
Other	< SCS	< SCS

MW17-075D : (9.1 - 10.7 m bgs)	
	10/10/2017
Chloride	9,900
Sodium	4,600,000

TH556 : (1.5 - 3 m bgs)	
	11/18/2013
Other	< SCS

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

*Refer to Table 19 for full Sodium and Chloride Results

Sample ID	TH1529 : (0.9 - 2.4 m bgs)		
		12/10/2013	09/29/2017
Parameter	Other	< SCS	< SCS

Screen Depth
Sample Date
Value/Field Duplicate (µg/L) or (mg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
20e

Title
Summary of Groundwater Analytical Results - Sodium and Chloride - Quadrant 4

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Stantec

- Site Boundary
- Quadrant Boundary
- 1 Quadrant
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 -Table 3 SCS)

0 75 150 metres

1:3,000 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. Refer to Figures 21b to 21e for monitoring locations ID's
7. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

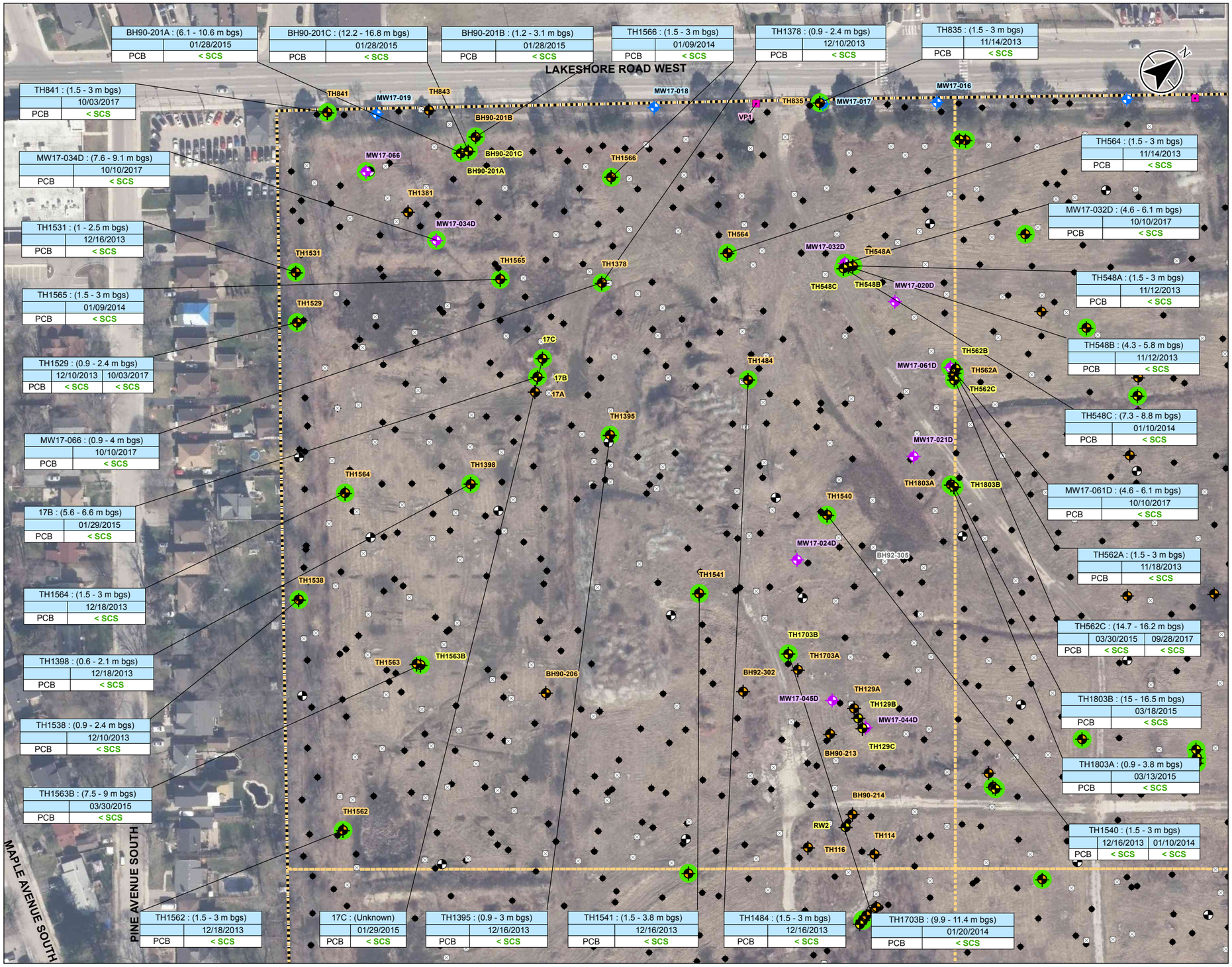
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
21a

Title
Summary of Groundwater Analytical Results - PCBs

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

Sample ID	TH1564 : (1.5 - 3 m bgs)	Screen Depth
	12/18/2013	Sample Date
Parameter	PCB < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
21b

Title
Summary of Groundwater Analytical Results - PCBs - Quadrant 1

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BH90-202B : (6 - 7.9 m bgs)	
	01/28/2015
PCB	< SCS

BH90-202A : (1.8 - 4 m bgs)	
	01/28/2015
PCB	< SCS

TH1802B : (14.7 - 16.2 m bgs)	
	03/20/2015
PCB	< SCS

TH1802A : (1 - 4 m bgs)	
	03/12/2015
PCB	< SCS

TH552 : (1.5 - 4.5 m bgs)	
	11/15/2013
PCB	< SCS

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
PCB	< SCS

TH1485 : (1.5 - 3 m bgs)	
	12/17/2013
PCB	< SCS

TH1407 : (1.5 - 3 m bgs)	
	12/11/2013
PCB	< SCS

TH1414 : (1.5 - 3 m bgs)		
	12/11/2013	09/28/2017
PCB	< SCS	< SCS

19B : (3 - 4.4 m bgs)	
	02/05/2015
PCB	< SCS

TH1467 : (1.5 - 3 m bgs)	
	01/06/2014
PCB	< SCS

TH1804A : (1 - 3.4 m bgs)	
	03/30/2015
PCB	< SCS

TH1804B : (15 - 16.5 m bgs)	
	03/13/2015
PCB	< SCS

TH546C : (6.7 - 8.2 m bgs)	
	01/14/2014
PCB	< SCS

TH546B : (4 - 5.5 m bgs)	
	11/13/2013
PCB	< SCS

TH546A : (1.5 - 3 m bgs)	
	11/13/2013
PCB	< SCS

TH1602B : (4 - 5.5 m bgs)	
	01/14/2014
PCB	< SCS

TH1800A : (1 - 3.5 m bgs)	
	03/11/2015
PCB	< SCS

TH820 : (1.5 - 4.5 m bgs)	
	11/15/2013
PCB	< SCS

TH550 : (1.5 - 3 m bgs)	
	11/15/2013
PCB	< SCS

BH90-204A : (1.4 - 2.6 m bgs)	
	01/30/2015
PCB	< SCS

BH90-204B : (4.7 - 6.5 m bgs)	
	02/04/2015
PCB	< SCS

TH1807 : (6.4 - 7.9 m bgs)	
	03/27/2015
PCB	< SCS

TH816 : (1.5 - 3 m bgs)	
	11/18/2013
PCB	< SCS

TH1600 : (1.5 - 3 m bgs)	
	01/10/2014
PCB	< SCS

TH1469 : (1.5 - 3 m bgs)	
	01/13/2014
PCB	< SCS

BH92-326A : (7.1 - 9.7 m bgs)	
	01/29/2015
PCB	< SCS

LAKESHORE ROAD WEST

MISSISSAUGA ROAD SOUTH

BAY STREET

MW17-015 VP2 BH90-202B BH90-202A TH1802A TH1802B TH552 TH566 TH1407 TH820 TH103 TH102 BH90-203 TH1414 TH1485 TH550 BH92-315 TH100 19A 19B 19C MW17-031D BH92-310 BH90-204A BH90-204B BH92-316 TH1807 TH816 VP3 MW17-014 BH90-205 BH92-311 TH112 TH113 MW17-022D TH1600 BH92-317 VP4 BH90-109 MW17-013 TH120 TH1602C TH1602B MW17-046D TH121 RW1 MW17-023D TH1800B TH1800A TH1469 VP5 03-TH7 MW17-012D 03-TH6 BH90-110 VP6 TH1467 TH546C TH546B TH546A BH92-306 TH1804B TH1804A BH90-208 MW17-011 BH92-326A BH92-326B

Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

Sample ID	TH1564 : (1.5 - 3 m bgs)	Screen Depth
	12/18/2013	Sample Date
Parameter	PCB < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

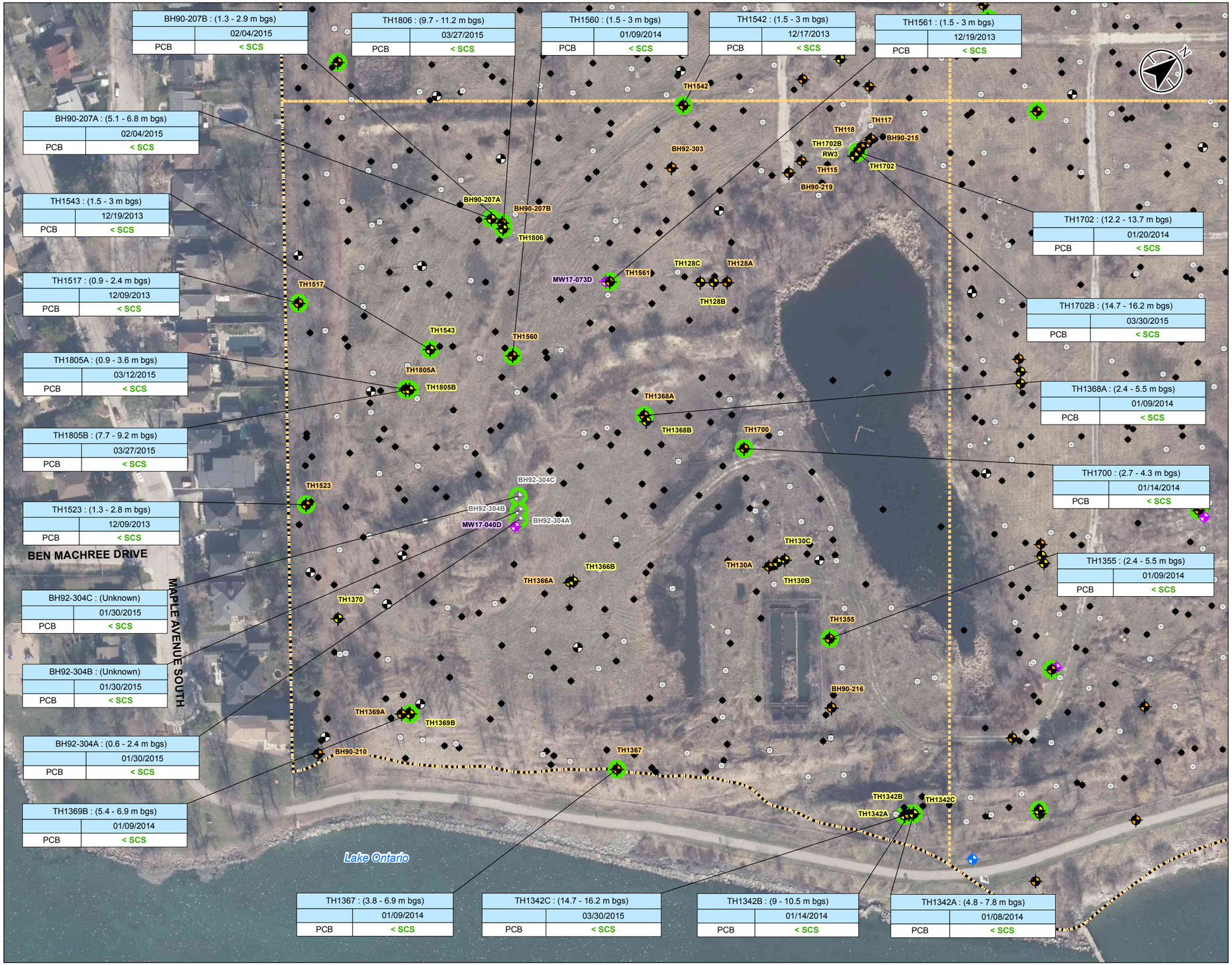
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
21c

Title
Summary of Groundwater Analytical Results - PCBs - Quadrant 2

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec,
- Overburden Monitoring Well (Stantec,
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

Sample ID	TH1564 : (1.5 - 3 m bgs)	Screen Depth
	12/18/2013	Sample Date
Parameter	PCB < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes

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4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

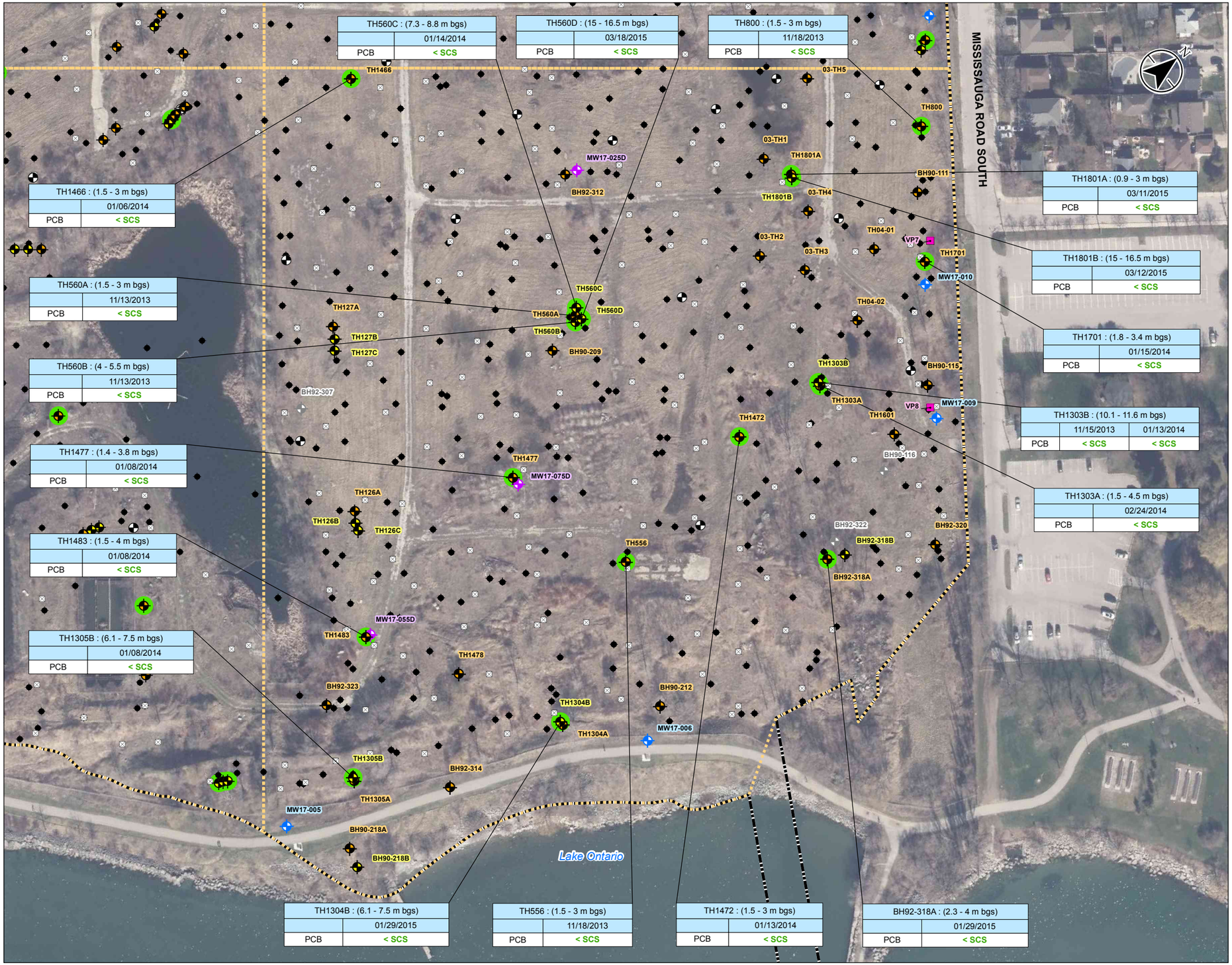
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
21d

Title
Summary of Groundwater Analytical Results - PCBs - Quadrant 3

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Stantec

- Site Boundary
- Quadrant Boundary
- Bedrock Monitoring Well (Stantec,
- Overburden Monitoring Well (Stantec,
- Borehole (Stantec, 2017)
- Existing Monitoring Well
- Existing Monitoring Well
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Vapour Probe (Exp, 2015)
- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 – Table 3 SCS)

Sample ID	TH1564 : (1.5 - 3 m bgs)	Screen Depth
	12/18/2013	Sample Date
Parameter	PCB < SCS	Value/Field Duplicate (µg/L)

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes

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3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PCBs - Polychlorinated Biphenyls



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-07
Technical Review by NM on 2018-03-07

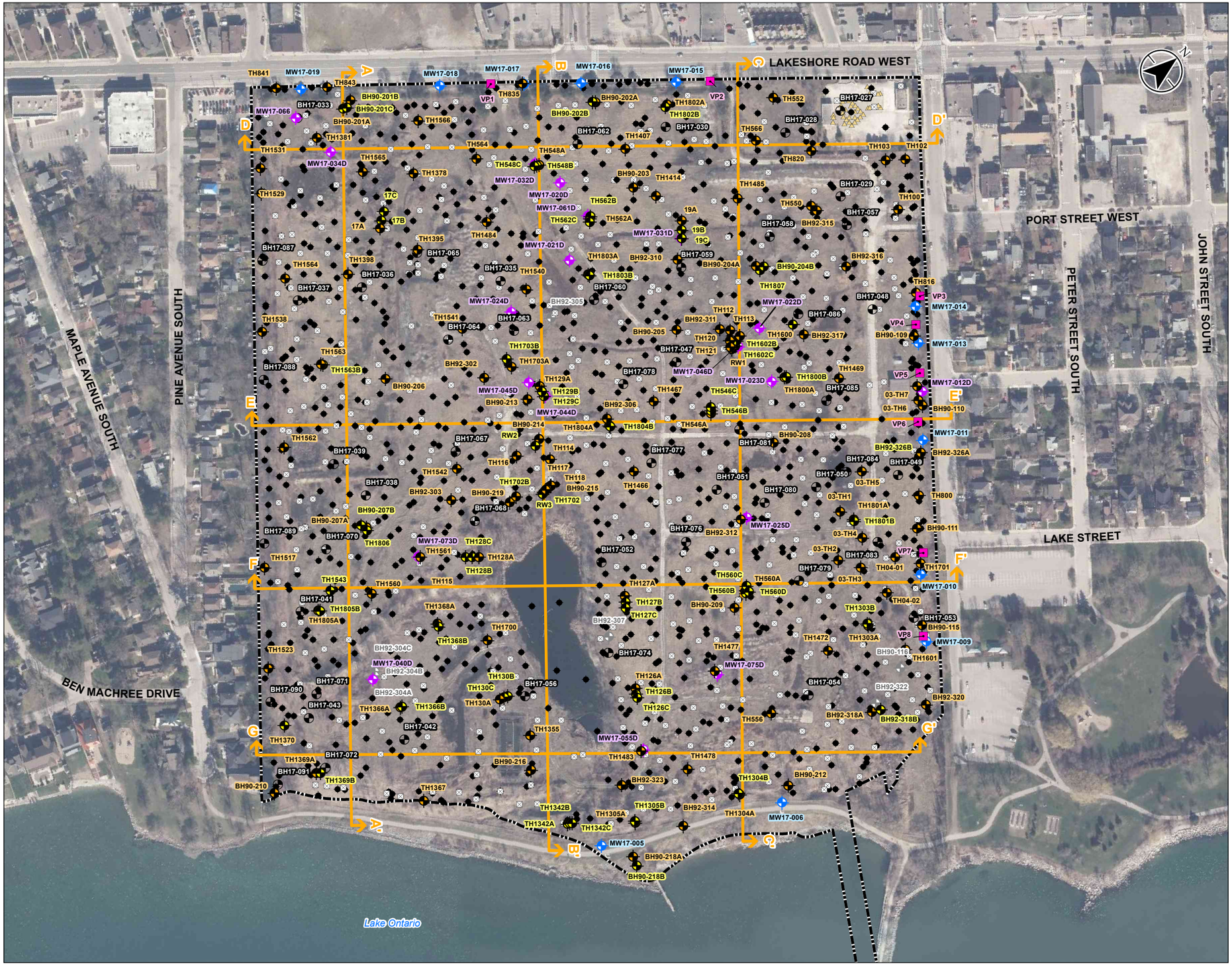
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
21e

Title
Summary of Groundwater Analytical Results - PCBs - Quadrant 4

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\\CA1724-f02\work_group\01221\active\122120255\planning\drawing\WQTs Phase II ESA Summary\122120255 Phase II ESA Fig21b- 21e SitePlan GW Results PCBs.mxd Revised: 2018-03-07 By: zomoser



Stantec

- Site Boundary
- Bedrock Monitoring Well (Stantec, 2017)
- Overburden Monitoring Well (Stantec, 2017)
- Borehole (Stantec, 2017)
- Existing Monitoring Well (Bedrock)
- Existing Monitoring Well (Overburden)
- Monitoring Well Damaged or Could Not Be Found in 2017
- Test Hole (Exp, 2013-16)
- Test Pit (Exp, 2013-16)
- Excavation Sample Location (Exp, 2016)
- Vapour Probe (Exp, 2015)
- Cross-Section Location

0 75 150 metres
1:3,000 (At original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 UTM Zone 17N
2. Base features produced under license with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.



Project Location
Mississauga, Ontario

122120255
Prepared by KJ on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA Summary

Figure No.
22

Title
Cross-Section Plan

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\\Cd1220-f02\work_group\03221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig22_Cross-Section_Plan.mxd Revised: 2018-03-02 By: rmosier

A
NORTH

A'
SOUTH

TH843 (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 14m)
TH1806 (OS - 15m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67



Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23a

Title
Cross-Section A-A' - Summary of Soil Analytical Results - BTEX

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig23a_XSEC_Section_AA_SO_BTEX.mxd Revised: 2018-03-02 By: pmoser

A
NORTH

A'
SOUTH

TH843 (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
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BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Bedrock groundwater characterization completed at monitoring wells offset from cross-section

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67



Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23b

Title
Cross-Section A-A' - Summary of Soil Analytical Results - PHCs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig23b_XSEC_Section AA_SO PHCs.mxd Revised: 2018-03-02 By: pmoser

A
NORTH

A'
SOUTH

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
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TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

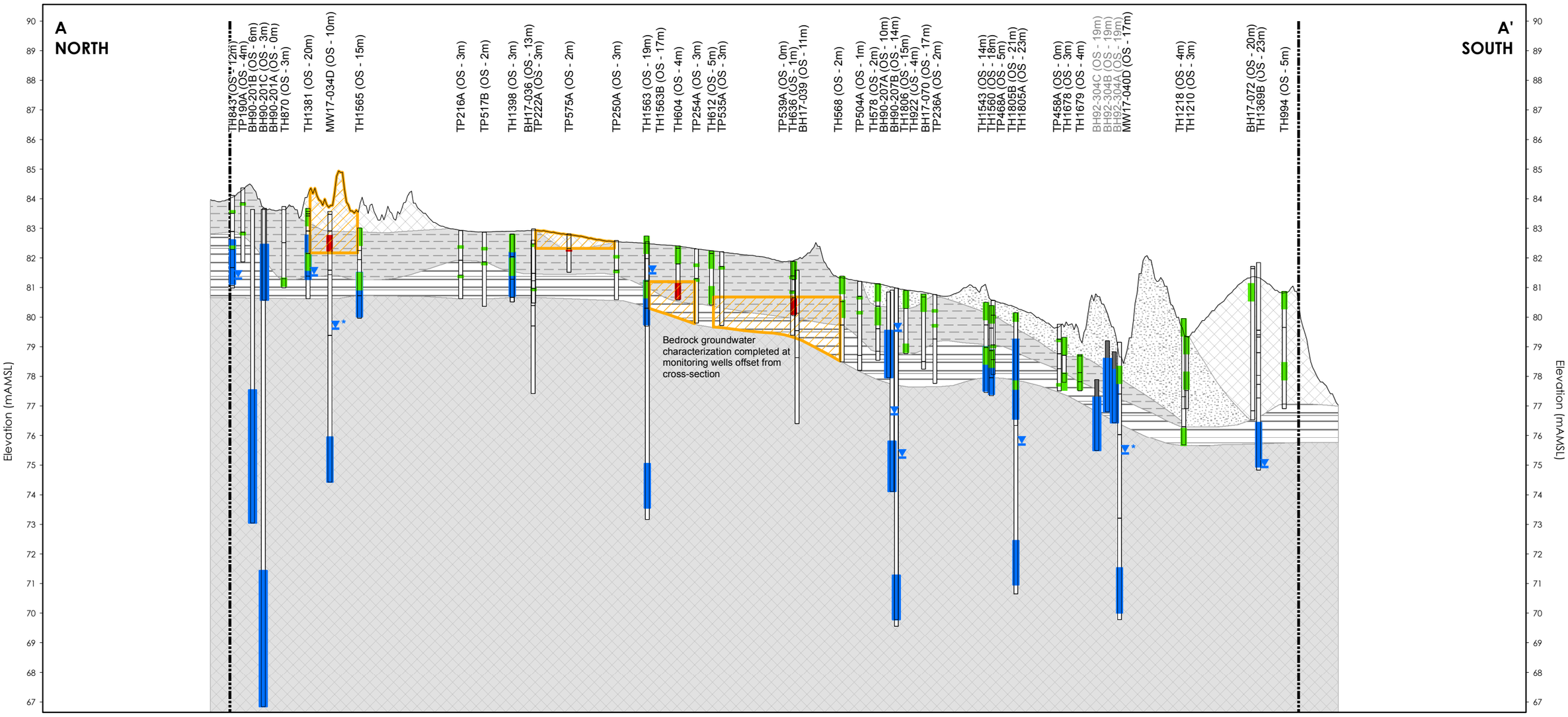
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23c

Title
Cross-Section A-A' - Summary of Soil Analytical Results - VOCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig23C_XSEC_Section_A-A_SO_VOCs.mxd Revised: 2018-03-07 by: juwerner





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

Destroyed MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

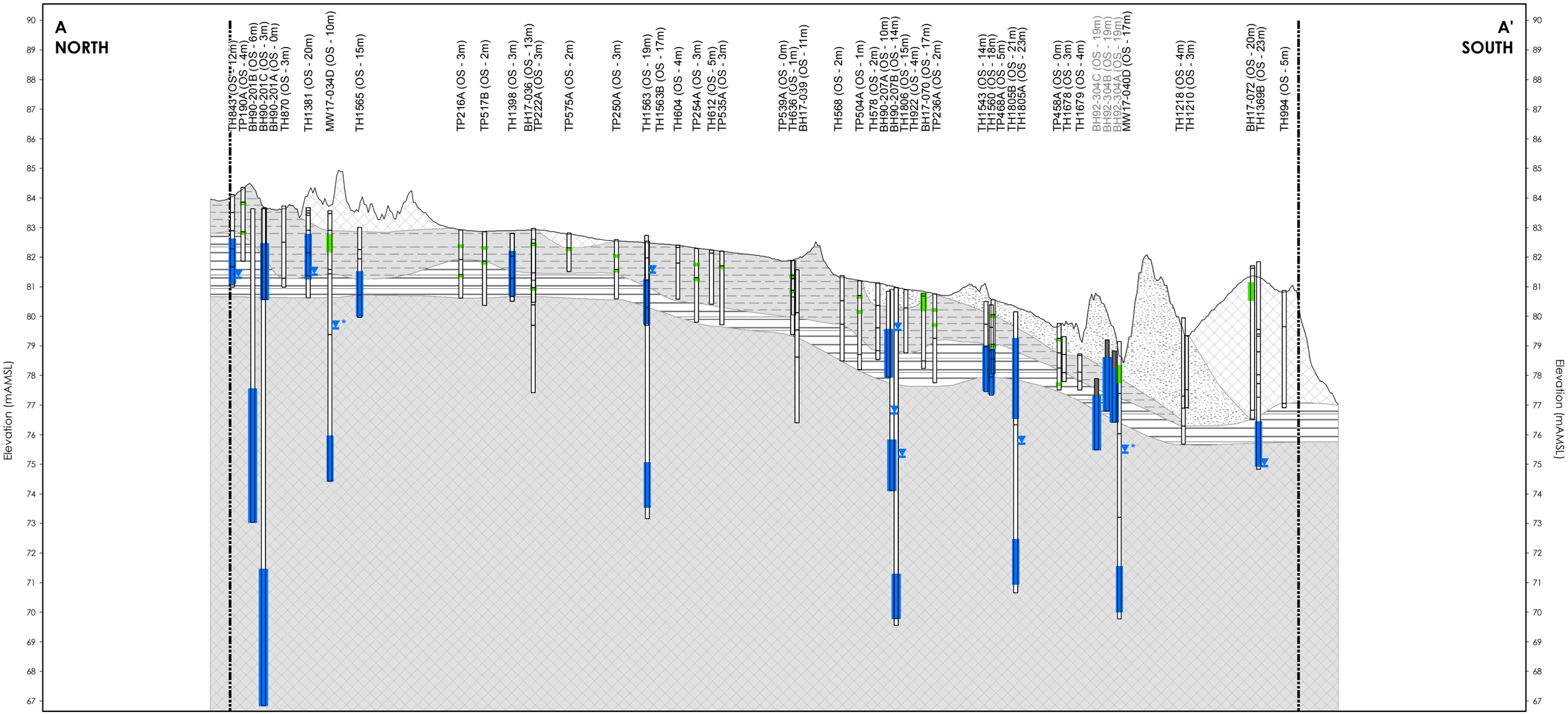
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23d

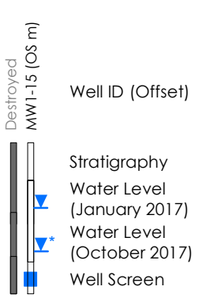
Title
Cross-Section A-A' - Summary of Soil Analytical Results - PAHs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig23d_XSEC_Section_AA_SO_PAHs.mxd Revised: 2018-03-02 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level



- Site Boundary
- Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

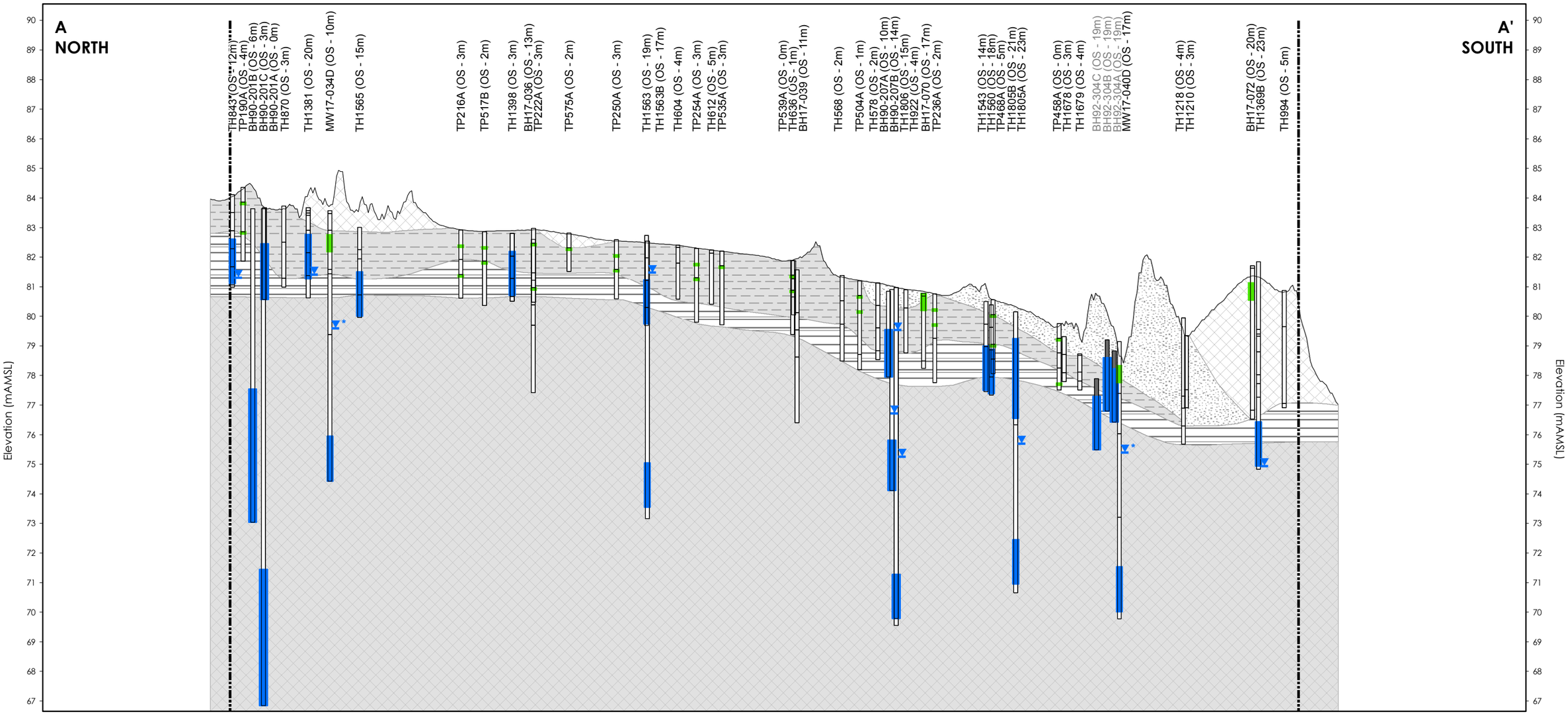
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23e

Title
Cross-Section A-A' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WPD\Phase II ESA_Summary\122120255_Phase II ESA_Figure_XSEC_Section_AA_SD_ABNs.mxd Revised: 2018-03-02 by: ccoghlan





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

Destroyed MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

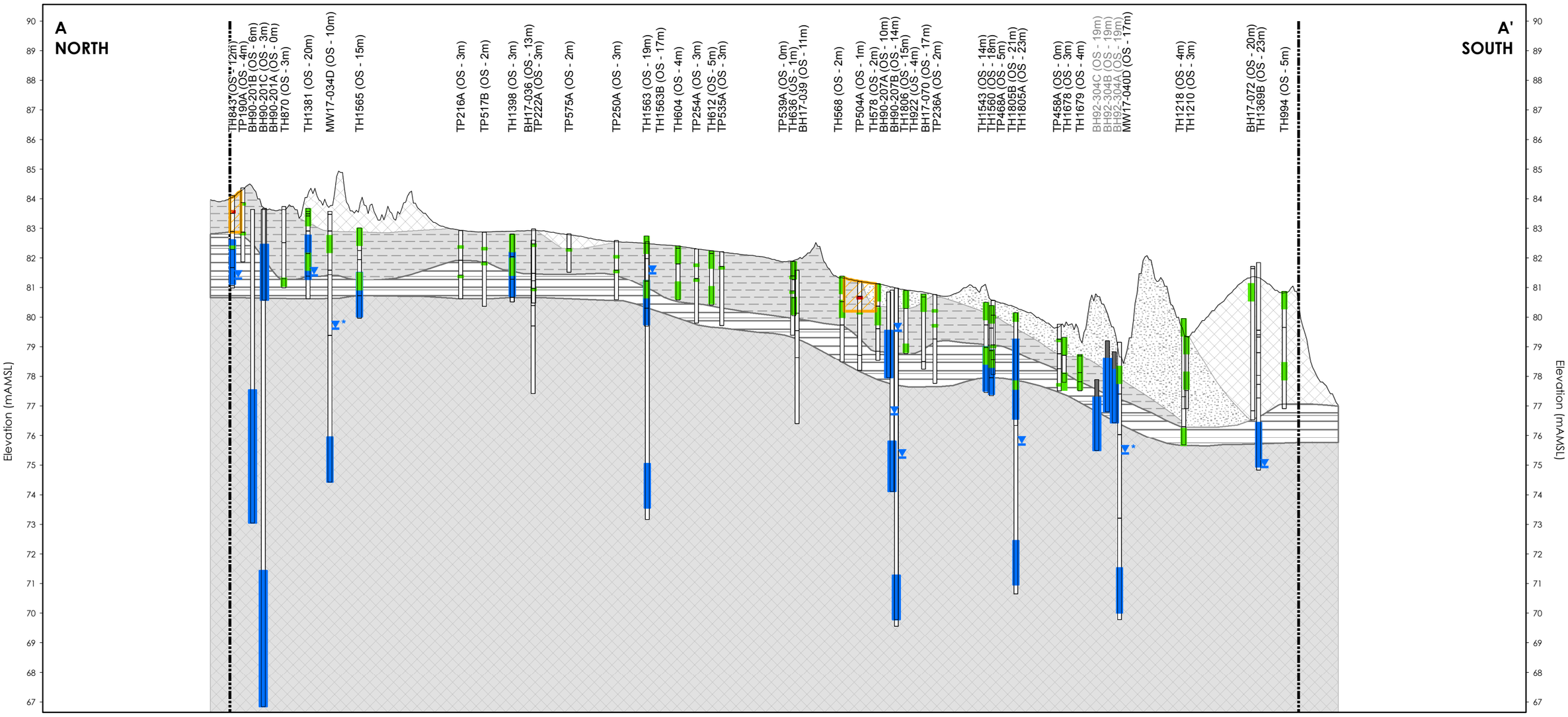
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23f

Title
Cross-Section A-A' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Figure 23f_XSEC_Section_AA_SO_CPs.mxd Revised: 2018-03-02 By: ccoghlan





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

Destroyed MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23g

Title
Cross-Section A-A' - Summary of Soil Analytical Results - Metals

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig23g_XSEC_Section_AA_SO_Metals.mxd Revised: 2018-03-02 By: pmoser

A
NORTH

A'
SOUTH

TH843 (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
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BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67



Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23h

Title
Cross-Section A-A' - Summary of Soil Analytical Results - EC and SAR

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WPD\Phase II ESA_Summary\122120255_Phase II ESA_Fig23h_XSEC_Section_AA_SD_EC_SAR.mxd Revised: 2018-03-02 By: ccoghlan

A
NORTH

A'
SOUTH

TH843 (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 14m)
TH1606 (OS - 15m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)



Destroyed MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
23i

Title
Cross-Section A-A' - Summary of Soil Analytical Results - PCBs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WPD\Phase II ESA_Summary\122120255_Phase II ESA_Fig23i_XSEC_Section_AA_SO_PCBs.mxd Revised: 2018-03-02 By: ccoghlan

A
NORTH

A'
SOUTH

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 15m)
TH1806 (OS - 4m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

Destroyed
MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24a

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - BTEX

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II_ESA_Summary\122120255_Phase II_ESA_Fig24a_XSEC_Section_AA_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
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TH1563B (OS - 17m)
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TH612 (OS - 5m)
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TP539A (OS - 0m)
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BH17-070 (OS - 17m)
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TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24b

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - PHCs

\\cd1220-f02_work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig24b_XSEC_Section_AA_GW_PHCs.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

Elevation (mAMSL)

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 15m)
TH1806 (OS - 4m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

Destroyed MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24c

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - VOCs

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A
NORTH

A'
SOUTH

Elevation (mAMSL)

TH843* (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 14m)
TH1806 (OS - 15m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene

Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzo(b/j)F	0.75
Chrysene	1

* Refer to Table 15 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24d

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - PAHs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig24d_XSEC_SectionAA_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

TH843* (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
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TH636 (OS - 1m)
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TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 14m)
TH1806 (OS - 15m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

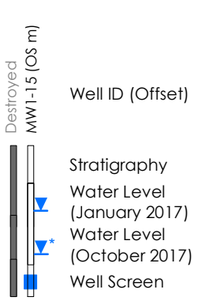
Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level



Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24e

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1724-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig24e_XSEC_Section_AA_GW_ABNs.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
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BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
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BH17-039 (OS - 11m)
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BH90-207A (OS - 10m)
BH90-207B (OS - 14m)
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TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
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TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24f

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - Chlorophenols

\\cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig24f_XSEC_Section_AA_GW_CPs.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 15m)
TH1806 (OS - 4m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

Destroyed
MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24g

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - Metals

\\cd1220-f01.ca.stantec.com\wo_group\01221\active\122120255\planning\drawing\MXD Phase II_ESA_Summary\122120255_PhaseII_ESA_Fig24g_XSEC_Section AA_GW_Metals.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

TH843* (OS - 12m)
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 15m)
TH1806 (OS - 4m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

Destroyed MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24h

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - Sodium and Chloride

\\cd1724-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig24h_XSEC_Section_AA_GW_Na_Cl.mxd Revised: 2018-03-07 By: juwerner

A
NORTH

A'
SOUTH

TH843*(OS - 12m)*
TP190A (OS - 4m)
BH90-201B (OS - 6m)
BH90-201C (OS - 3m)
BH90-201A (OS - 0m)
TH870 (OS - 3m)
TH1381 (OS - 20m)
MW17-034D (OS - 10m)
TH1565 (OS - 15m)
TP216A (OS - 3m)
TP517B (OS - 2m)
TH1398 (OS - 3m)
BH17-036 (OS - 13m)
TP222A (OS - 3m)
TP575A (OS - 2m)
TP250A (OS - 3m)
TH1563 (OS - 19m)
TH1563B (OS - 17m)
TH604 (OS - 4m)
TP254A (OS - 3m)
TH612 (OS - 5m)
TP535A (OS - 3m)
TP539A (OS - 0m)
TH636 (OS - 1m)
BH17-039 (OS - 11m)
TH568 (OS - 2m)
TP504A (OS - 1m)
TH578 (OS - 2m)
BH90-207A (OS - 10m)
BH90-207B (OS - 14m)
TH1806 (OS - 15m)
TH922 (OS - 4m)
BH17-070 (OS - 17m)
TP236A (OS - 2m)
TH1543 (OS - 14m)
TH1560 (OS - 18m)
TP468A (OS - 5m)
TH1805B (OS - 21m)
TH1805A (OS - 23m)
TP458A (OS - 0m)
TH1678 (OS - 3m)
TH1679 (OS - 4m)
BH92-304C (OS - 19m)
BH92-304B (OS - 19m)
BH92-304A (OS - 19m)
MW17-040D (OS - 17m)
TH1218 (OS - 4m)
TH1210 (OS - 3m)
BH17-072 (OS - 20m)
TH1369B (OS - 23m)
TH994 (OS - 5m)

Elevation (mAMSL)

90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

Destroyed
MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
24i

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - PCBs

\\cd1220-f02v.wsk.group.01221\active\122120255\planning\drawing\MXD Phase II_ESA_Summary\122120255_Phase II_ESA_Fig24_XSEC_Section_AA_GW_PCBs.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25a

Title
Cross-Section B-B' - Summary of Soil Analytical Results - BTEX

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Figure 25a_XSEC_Section_BB_SO_BTEX.mxd Revised: 2018-03-02 By: pmoser

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Bedrock groundwater characterization completed at monitoring wells offset from cross-section

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

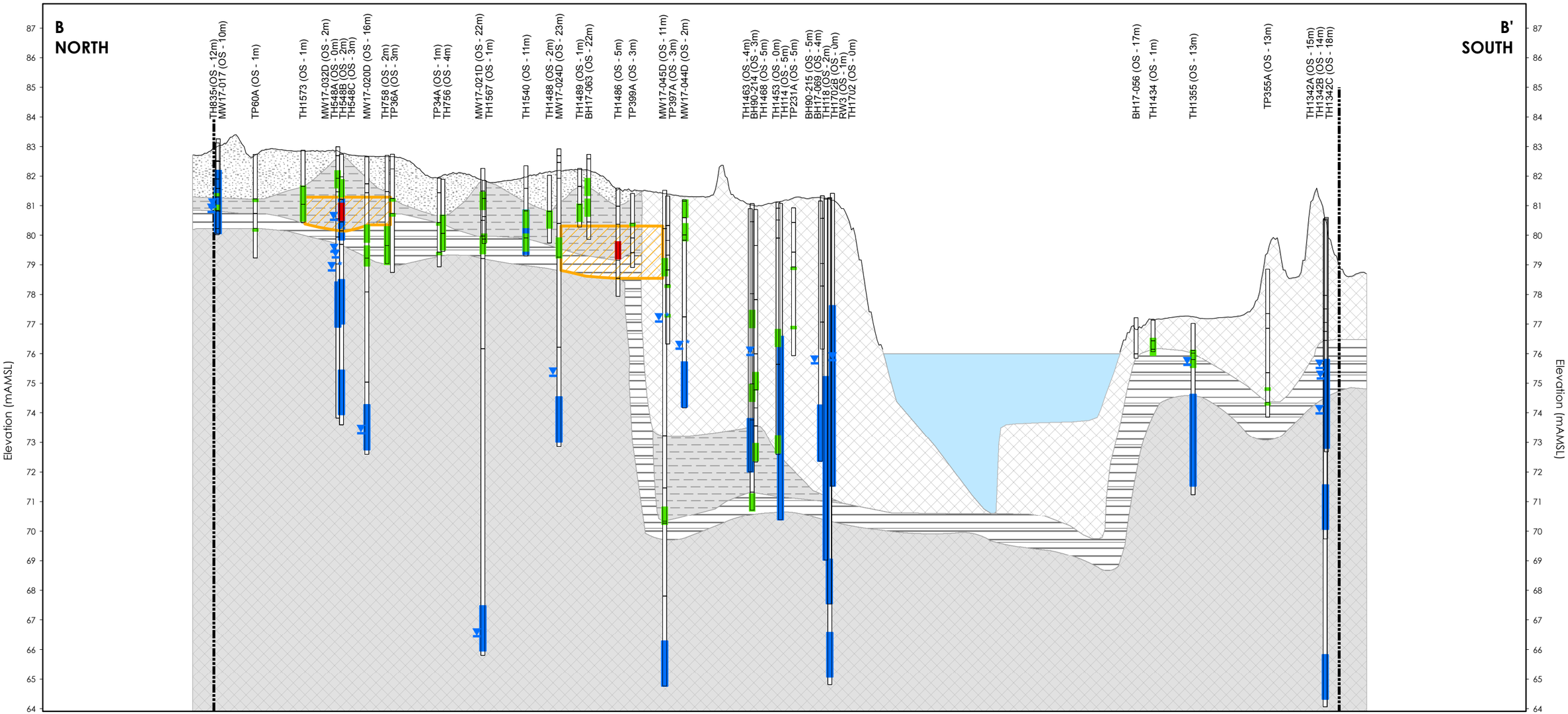
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25b

Title
Cross-Section B-B' - Summary of Soil Analytical Results - PHCs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WMD\Phase II ESA -Summary\122120255 Phase II ESA_Fig25b_XSEC_Section BB_SD_PHCs.mxd Revised: 2018-03-02 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

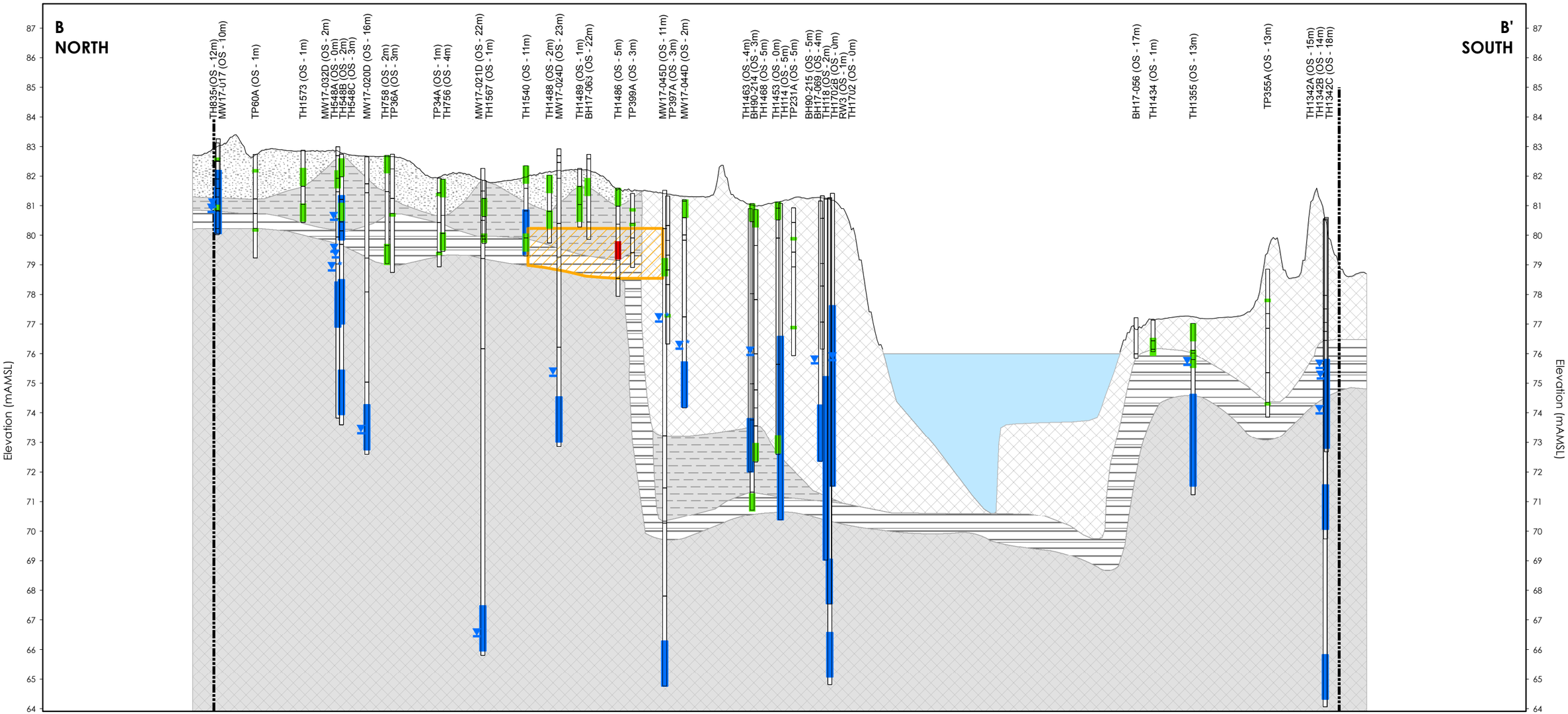
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25c

Title
Cross-Section B-B' - Summary of Soil Analytical Results - VOCs

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Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25d

Title
Cross-Section B-B' - Summary of Soil Analytical Results - PAHs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Fig25d_XSEC_Section_BB_SO_PAHs.mxd Revised: 2018-03-02 By: pmoser

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25e

Title
Cross-Section B-B' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig25e_XSEC_Section_BB'_SO_ABNs.mxd Revised: 2018-03-02 By: ccoghlan

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
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BH17-069 (OS - 4m)
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RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

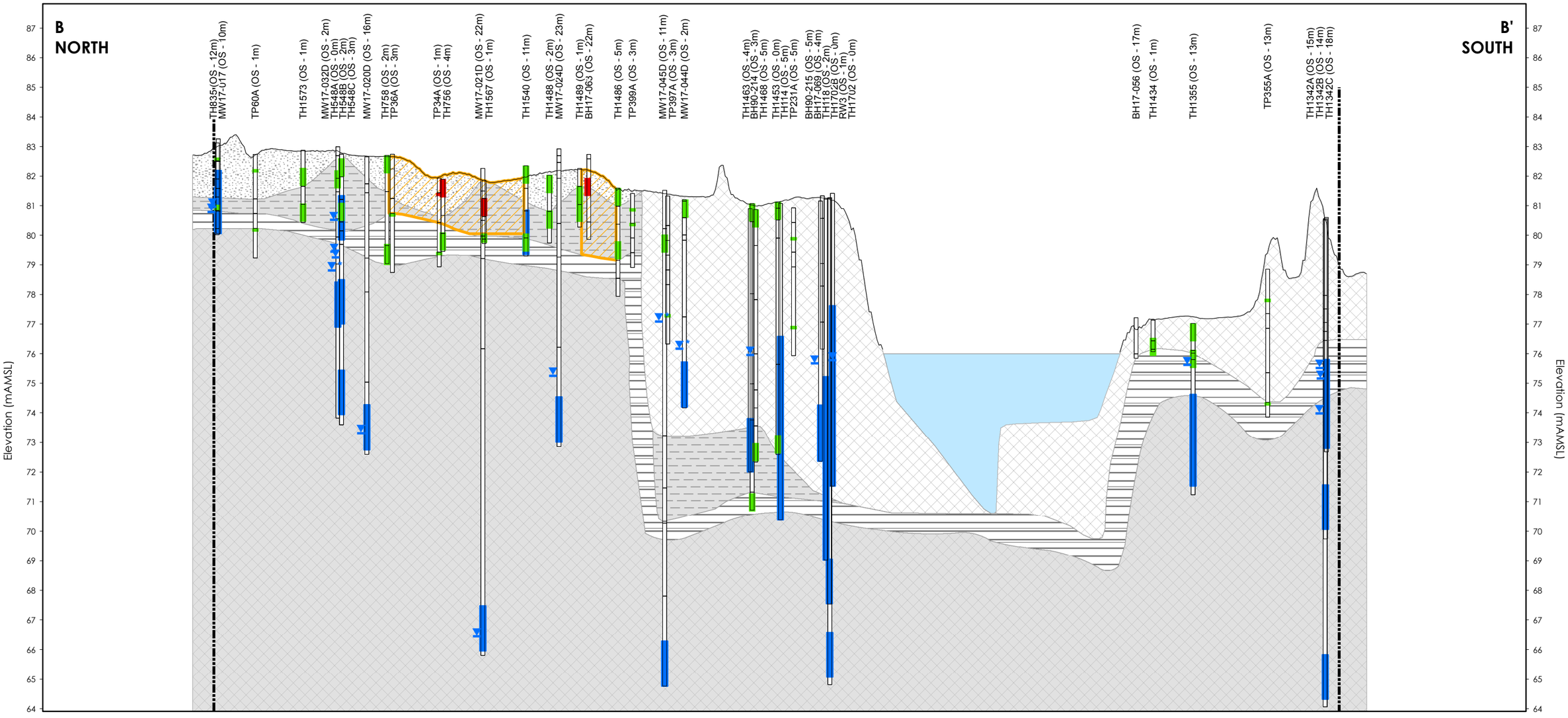
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25f

Title
Cross-Section B-B' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig25f_XSEC_Section_BB_SOIL_CPs.mxd Revised: 2018-03-02 By: ccoghlon





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25g

Title
Cross-Section B-B' - Summary of Soil Analytical Results - Metals

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig25g_XSEC_Section_BB_SD_Metals.mxd Revised: 2018-03-02 By: pmoser

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
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BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
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TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25h

Title
Cross-Section B-B' - Summary of Soil Analytical Results - EC and SAR

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig25h_XSEC_Section_BB_SO_EC_SAR.mxd Revised: 2018-03-02 By: ccoghlan

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
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TP397A (OS - 3m)
MW17-044D (OS - 2m)
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TH1468 (OS - 5m)
TH1453 (OS - 0m)
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TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
25i

Title
Cross-Section B-B' - Summary of Soil Analytical Results - PCBs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig25i_XSEC_Section_BB_SO_PCBs.mxd Revised: 2018-03-02 By: ccoghlan

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-U17 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
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MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
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TP399A (OS - 3m)
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TH114 (OS - 5m)
TP231A (OS - 5m)
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BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS
- Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26a

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - BTEX

\\Cal1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II_ESA_Summary\122120255_Phase II ESA_Fig26a_XSEC_Section_BB_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-U17 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
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BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS
- Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26b

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - PHCs

\\cd1224-f02.work.group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig26b_XSEC_Section_BB_GW_PHCs.mxd Revised 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-J17 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
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MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
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TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26c

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - VOCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II_ESA_Summary\122120255_Phase II_ESA_Fig26c_XSEC_Section_BB_GW_VOCs.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26d

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - PAHs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig26d_XSEC_Section_BB_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-J17 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26e

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig26e_XSEC_Section_BB_GW_ABNs.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835i (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26f

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - Chlorophenols

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_PhaseII ESA_Fig26f_XSEC_Section_BB_GW_CPs.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-017 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26g

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - Metals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II_ESA_Summary\122120255_Phase II_ESA_Fig26g_XSEC_Section_BB_GW Metals.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-J17 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26h

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - Sodium and Chloride

\\cal1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig26h_XSEC_Section_BB_GW_Na_Cl.mxd Revised: 2018-03-07 By: juwerner

B
NORTH

B'
SOUTH

TH835I (OS - 12m)
MW17-J17 (OS - 10m)
TP60A (OS - 1m)
TH1573 (OS - 1m)
MW17-032D (OS - 2m)
TH548A (OS - 0m)
TH548B (OS - 2m)
TH548C (OS - 3m)
MW17-020D (OS - 16m)
TH758 (OS - 2m)
TP36A (OS - 3m)
TP34A (OS - 1m)
TH756 (OS - 4m)
MW17-021D (OS - 22m)
TH1567 (OS - 1m)
TH1540 (OS - 11m)
TH1488 (OS - 2m)
MW17-024D (OS - 23m)
TH1489 (OS - 1m)
BH17-063 (OS - 22m)
TH1486 (OS - 5m)
TP399A (OS - 3m)
MW17-045D (OS - 11m)
TP397A (OS - 3m)
MW17-044D (OS - 2m)
TH1463 (OS - 4m)
BH90-214 (OS - 3m)
TH1468 (OS - 5m)
TH1453 (OS - 0m)
TH114 (OS - 5m)
TP231A (OS - 5m)
BH90-215 (OS - 5m)
BH17-069 (OS - 4m)
TH118 (OS - 2m)
TH1702B (OS - 0m)
RW3 (OS - 1m)
TH1702 (OS - 0m)
BH17-056 (OS - 17m)
TH1434 (OS - 1m)
TH1355 (OS - 13m)
TP355A (OS - 13m)
TH1342A (OS - 15m)
TH1342B (OS - 14m)
TH1342C (OS - 18m)

Elevation (mAMSL)

87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
26i

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - PCBs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig26_XSEC_Section_BB_GW_PCBs.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046 (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-092 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1648 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27a

Title
Cross-Section C-C' - Summary of Soil Analytical Results - BTEX

\\Cal1224f01\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig27a_XSEC_Section_C-C'_SO_BTEX.mxd Revised: 2018-03-02 By: pmoser

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046 (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-092 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1648 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)



MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10 range) minus BTEX	65
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	1,300
PHC F4 (>C34-C50 range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

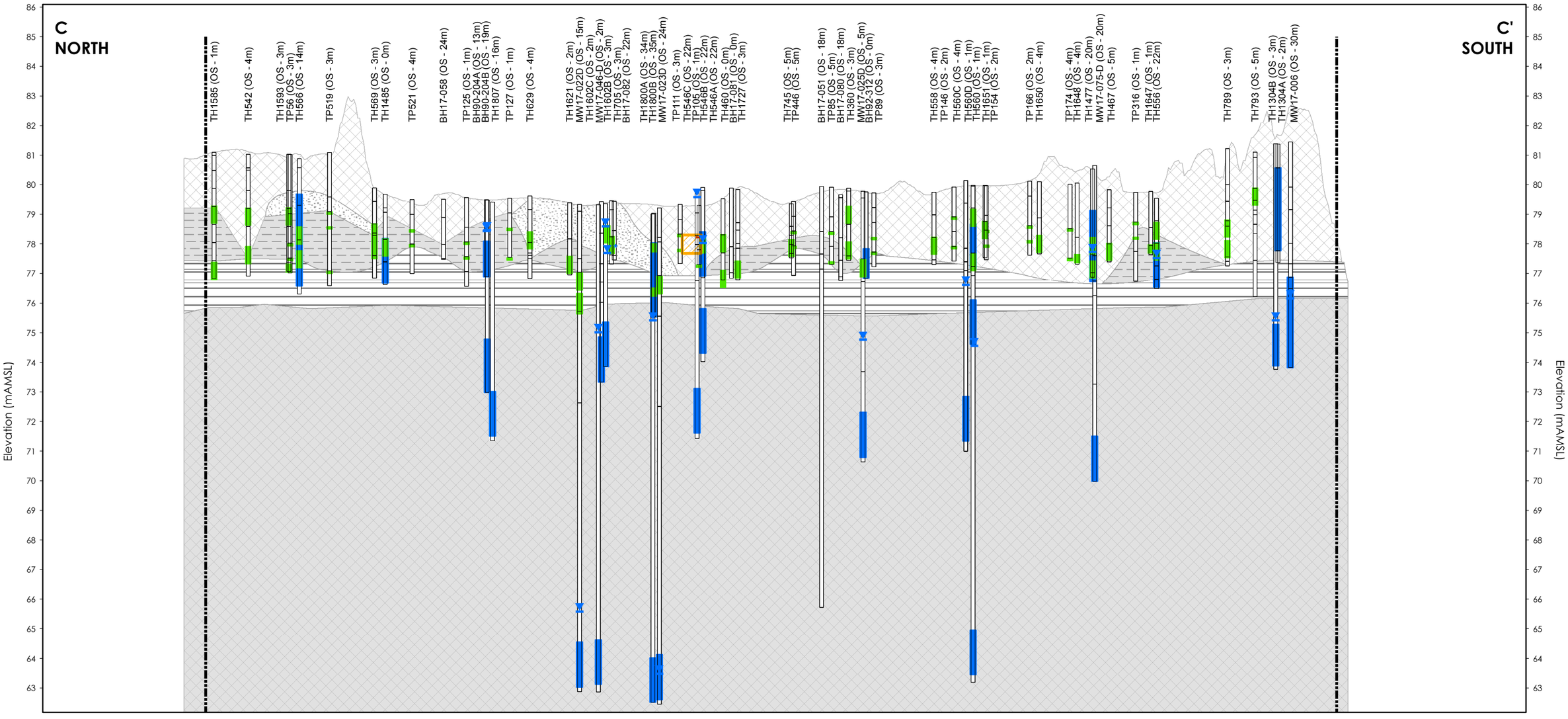
Figure No.
27b

Title
Cross-Section C-C' - Summary of Soil Analytical Results - PHCs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig27b_XSEC_Section_CC_SD_PHC's.mxd Revised: 2018-03-02 By: pmoser

C
NORTH

C'
SOUTH





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

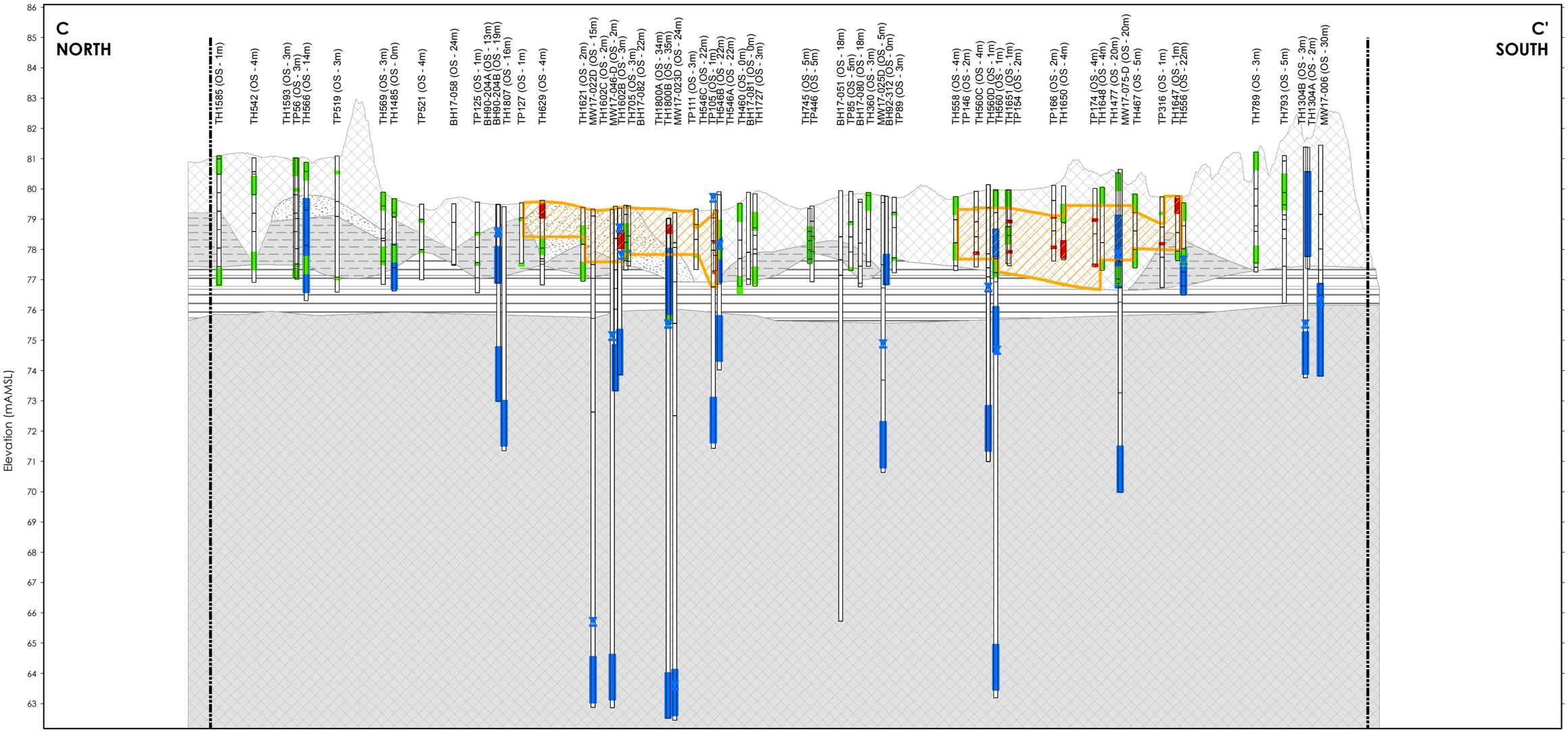
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27c

Title
Cross-Section C-C' - Summary of Soil Analytical Results - VOCs

\\Cd1224f20_work_group\01221\active\122120255\planning\drawing\MXD\ Phase II ESA_Summary\122120255 Phase II ESA_Fig27c_XSEC_Section_CC_SO_VOCs.mxd Revised: 2018-03-06 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27d

Title
Cross-Section C-C' - Summary of Soil Analytical Results - PAHs

\\Cd1224-f001\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig27d_XSEC_Section_C-C'_SO_PAHs.mxd Revised: 2018-03-02 By: pmoser

C
NORTH

C'
SOUTH

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046 (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-092 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH646C (OS - 22m)
TP105 (OS - 1m)
TH646B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
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BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1648 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

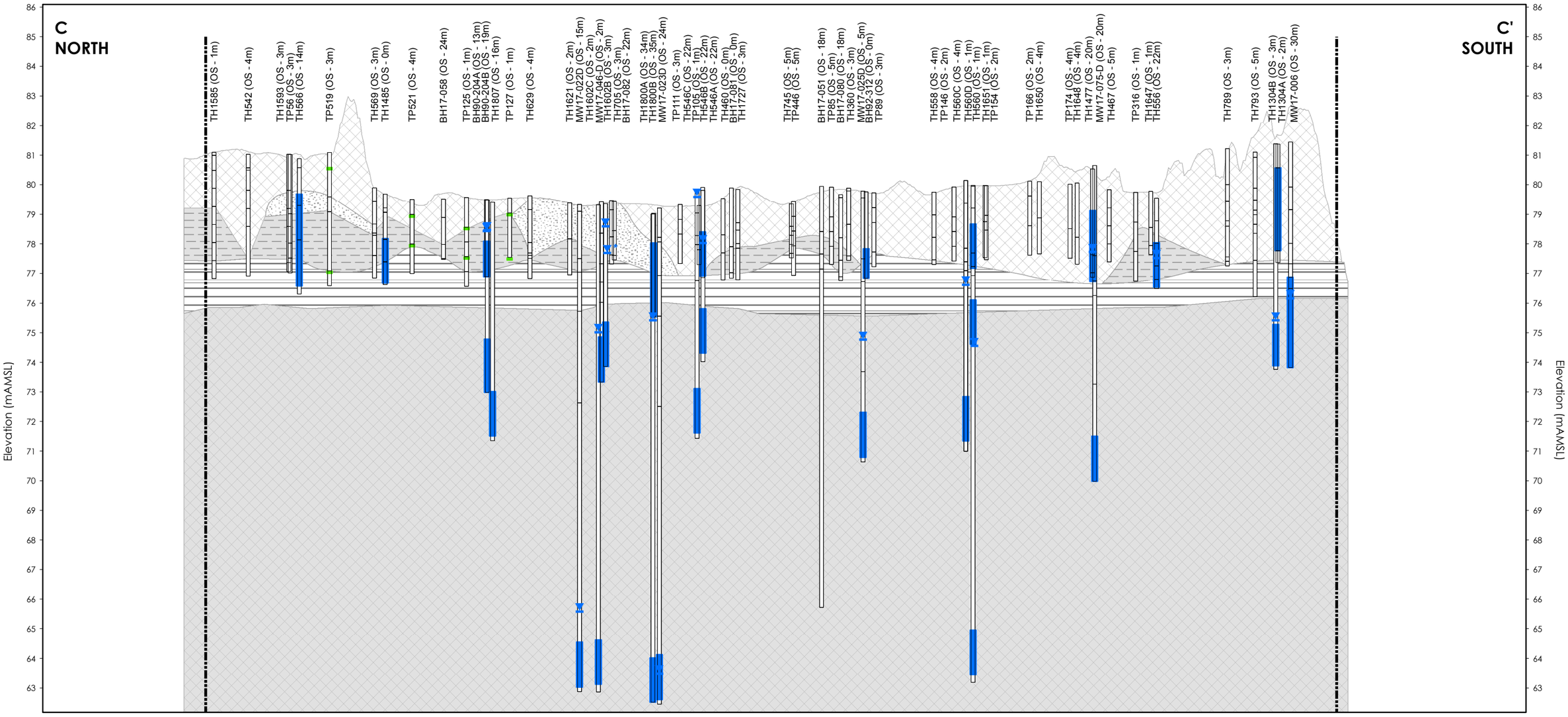
Figure No.
27e

Title
Cross-Section C-C' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig27e_XSEC_Section_C-C'_SO_ABN.mxd Revised: 2018-02-22 By: pmoser

C
NORTH

C'
SOUTH





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-21
Technical Review by NM on 2018-02-21

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27f

Title
Cross-Section C-C' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\ Phase II ESA_Summary\122120255 Phase II ESA_Fig27f XSEC_Section_CC-SO_CPs.mxd Revised: 2018-02-21 By: pmoser

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046 (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-092 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1648 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Bedrock groundwater characterization completed at monitoring wells offset from cross-section



MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

O.Reg. 153/04 - Table 3 SCS

Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27g

Title
Cross-Section C-C' - Summary of Soil Analytical Results - Metals

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig27g_XSEC_Section_CC_SD_Metals.mxd Revised: 2018-03-02 By: pmoser

C
NORTH

C'
SOUTH

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH1705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
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TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
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BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
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TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1648 (OS - 4m)
TH1477 (OS - 20m)
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TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27h

Title
Cross-Section C-C' - Summary of Soil Analytical Results - EC and SAR

\\Cal1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig27h_XSEC_Section_CC-SO_EC_SAR.mxd Revised: 2018-03-02 By: ccoghlon

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
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BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046 (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-092 (OS - 22m)
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TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1648 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m) — Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
27i

Title
Cross-Section C-C' - Summary of Soil Analytical Results - PCBs

\\cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II ESA_Summary\122120255_Phase II ESA_Fig27i_XSEC_Section_C-C'_SO_PCBs.mxd Revised: 2018-02-22 By: pmoser

C
NORTH

C'
SOUTH

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28a

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - BTEX

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig28a_XSEC_Section_CC'_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28b

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - PHCs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig28b_XSEC_Section_CC_GW_PHCs.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28c

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - VOCs

\\cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig28c_XSEC_Section_CC'_GW_VOCs.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH795 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene

MW1-15 (OS m) — Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzo(b/j)F	0.75
Chrysene	1

* Refer to Table 15 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28d

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - PAHs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig28d_XSEC_Section_CC_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28e

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\WVD Phase II ESA Summary\122120255_Phase II_ESA_Fig28e_XSEC_Section_CC_GW_ABNs.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28f

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - Chlorophenols

\\cal1224-f02.wsatl.group\01221\active\122120255\planning\drawing\MXD\Phase II_ESA_Summary\122120255_Phase II_ESA_Fig28f_XSEC_Section_CC_GW_CPs.mxd Revised: 2018-03-07 By: juwerner

C **NORTH**

C' **SOUTH**

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH795 (OS - 3m)
BH17-062 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28g

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - Metals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II ESA_Fig28g_XSEC_Section_CC-C'-GW Metals.mxd Revised: 2018-03-07 By: juwerner

C
NORTH

C'
SOUTH

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH1795 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28h

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - Sodium and Chloride

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C
NORTH

C'
SOUTH

Elevation (mAMSL)

TH1585 (OS - 1m)
TH542 (OS - 4m)
TH1593 (OS - 3m)
TP56 (OS - 3m)
TH566 (OS - 14m)
TP519 (OS - 3m)
TH569 (OS - 3m)
TH1485 (OS - 0m)
TP521 (OS - 4m)
BH17-058 (OS - 24m)
TP125 (OS - 1m)
BH90-204A (OS - 13m)
BH90-204B (OS - 19m)
TH1807 (OS - 16m)
TP127 (OS - 1m)
TH629 (OS - 4m)
TH1621 (OS - 2m)
MW17-022D (OS - 15m)
TH1602C (OS - 2m)
MW17-046D (OS - 2m)
TH1602B (OS - 3m)
TH705 (OS - 3m)
BH17-082 (OS - 22m)
TH1800A (OS - 34m)
TH1800B (OS - 35m)
MW17-023D (OS - 24m)
TP111 (OS - 3m)
TH546C (OS - 22m)
TP105 (OS - 1m)
TH546B (OS - 22m)
TH546A (OS - 22m)
TH460 (OS - 0m)
BH17-081 (OS - 0m)
TH1727 (OS - 3m)
TH745 (OS - 5m)
TP446 (OS - 5m)
BH17-051 (OS - 18m)
TP85 (OS - 5m)
BH17-080 (OS - 18m)
TH360 (OS - 3m)
MW17-025D (OS - 5m)
BH92-312 (OS - 0m)
TP89 (OS - 3m)
TH558 (OS - 4m)
TP146 (OS - 2m)
TH560C (OS - 4m)
TH560D (OS - 1m)
TH560 (OS - 1m)
TH1651 (OS - 1m)
TP154 (OS - 2m)
TP166 (OS - 2m)
TH1650 (OS - 4m)
TP174 (OS - 4m)
TH1646 (OS - 4m)
TH1477 (OS - 20m)
MW17-075-D (OS - 20m)
TH467 (OS - 5m)
TP316 (OS - 1m)
TH1647 (OS - 1m)
TH556 (OS - 22m)
TH789 (OS - 3m)
TH793 (OS - 5m)
TH1304B (OS - 3m)
TH1304A (OS - 2m)
MW17-006 (OS - 30m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
28i

Title
Cross-Section C-C' - Summary of Groundwater Analytical Results - PCBs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig28i_XSEC_Section_CC_GW_PCBs.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Bedrock groundwater characterization completed at monitoring wells offset from cross-section



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29a

Title
Cross-Section D-D' - Summary of Soil Analytical Results - BTEX

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29a_XSEC_Section_DD_SO_BTEX.mxd Revised: 2018-03-02 By: pmoser

D **WEST**

D' **EAST**

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72



MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29b

Title
Cross-Section D-D' - Summary of Soil Analytical Results - PHCs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig29b_XSEC_Section_DD_SO PHCs.mxd Revised: 2018-03-02 By: pmoser

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH864 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

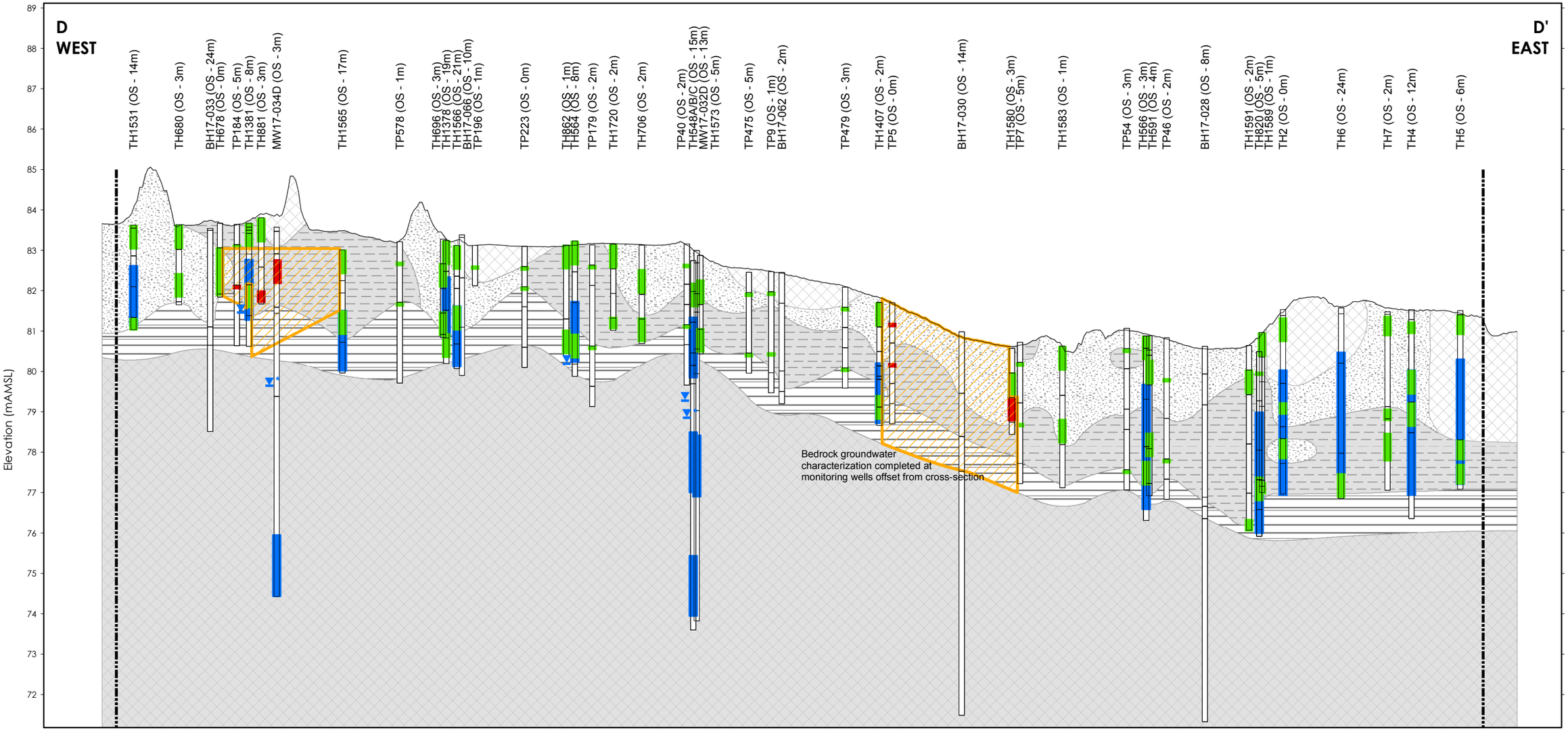
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29c

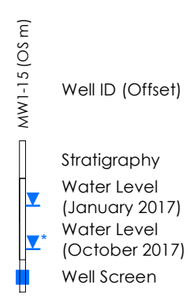
Title
Cross-Section D-D' - Summary of Soil Analytical Results - VOCs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29c_XSEC_Section_DD_SO_VOCs.mxd Revised: 2018-03-06 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons



Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29d

Title
Cross-Section D-D' - Summary of Soil Analytical Results - PAHs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29d_XSEC_Section_DD_SO_PAHs.mxd Revised: 2018-03-02 By: pmoser

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29e

Title
Cross-Section D-D' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29e_XSEC_Section_DD_SO_ABN.mxd Revised: 2018-03-02 By: pmoser

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

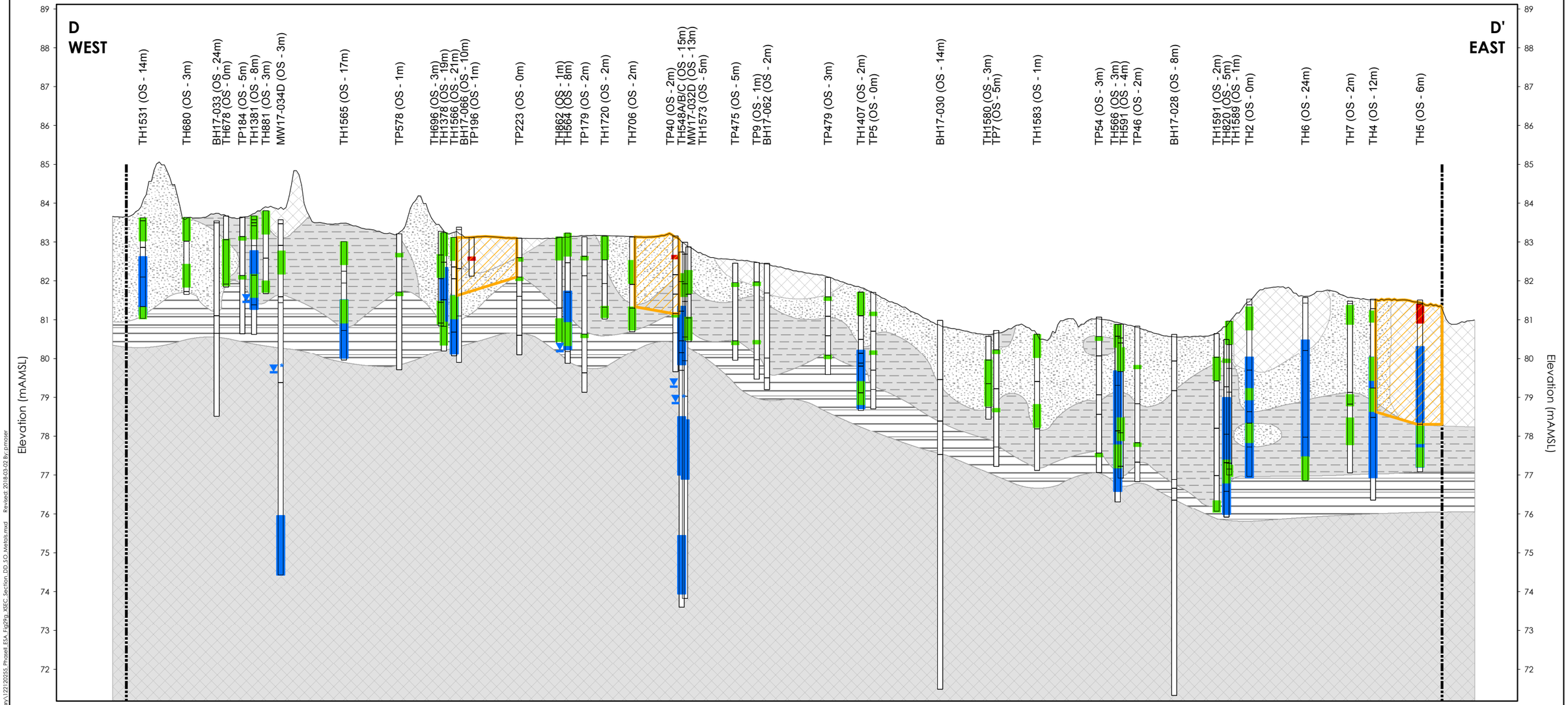
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29f

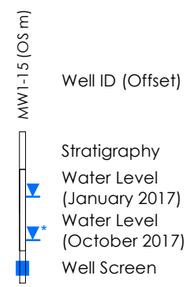
Title
Cross-Section D-D' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29f_XSEC_Section_DD_SO_CPs.mxd Revised: 2018-03-02 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level



Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29g

Title
Cross-Section D-D' - Summary of Soil Analytical Results - Metals

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29g_XSEC_Section_DD_SO_Metals.mxd Revised: 2018-03-02 By: pmoser

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH864 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29h

Title
Cross-Section D-D' - Summary of Soil Analytical Results - EC and SAR

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29h_XSEC - Section_DD'_SO_EC_SAR.mxd Revised: 2018-03-02 By: pmoser

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72



MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
29i

Title
Cross-Section D-D' - Summary of Soil Analytical Results - PCBs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig29i_XSEC_Section_DD_SO_PCBs.mxd Revised: 2018-03-02 By: pmoser

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total
7. Vertical delineation gaps are acknowledged with Section 3.5 of the report

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30a

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - BTEX

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig30a_XSEC_Section_DD_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH1862 (OS - 1m)
TH1564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
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BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30b

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - PHCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\WVD Phase II ESA Summary\122120255_Phase II_ESA_Fig30b_XSEC_Section_DD_GW_PHCs.mxd Revised: 2018-03-07 by: juwerner

D **WEST**

D' **EAST**

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30c

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - VOCs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig30C_XSEC_Section_DD_GW_VOCs.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzo(b/j)F	0.75
Chrysene	1

* Refer to Table 15 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30d

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - PAHs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig30d_XSEC_Section_DD_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30e

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig30e_XSEC_Section_DD_GW_ABNs.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30f

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - Chlorophenols

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig30f_XSEC_Section_DD_GW_CPs.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

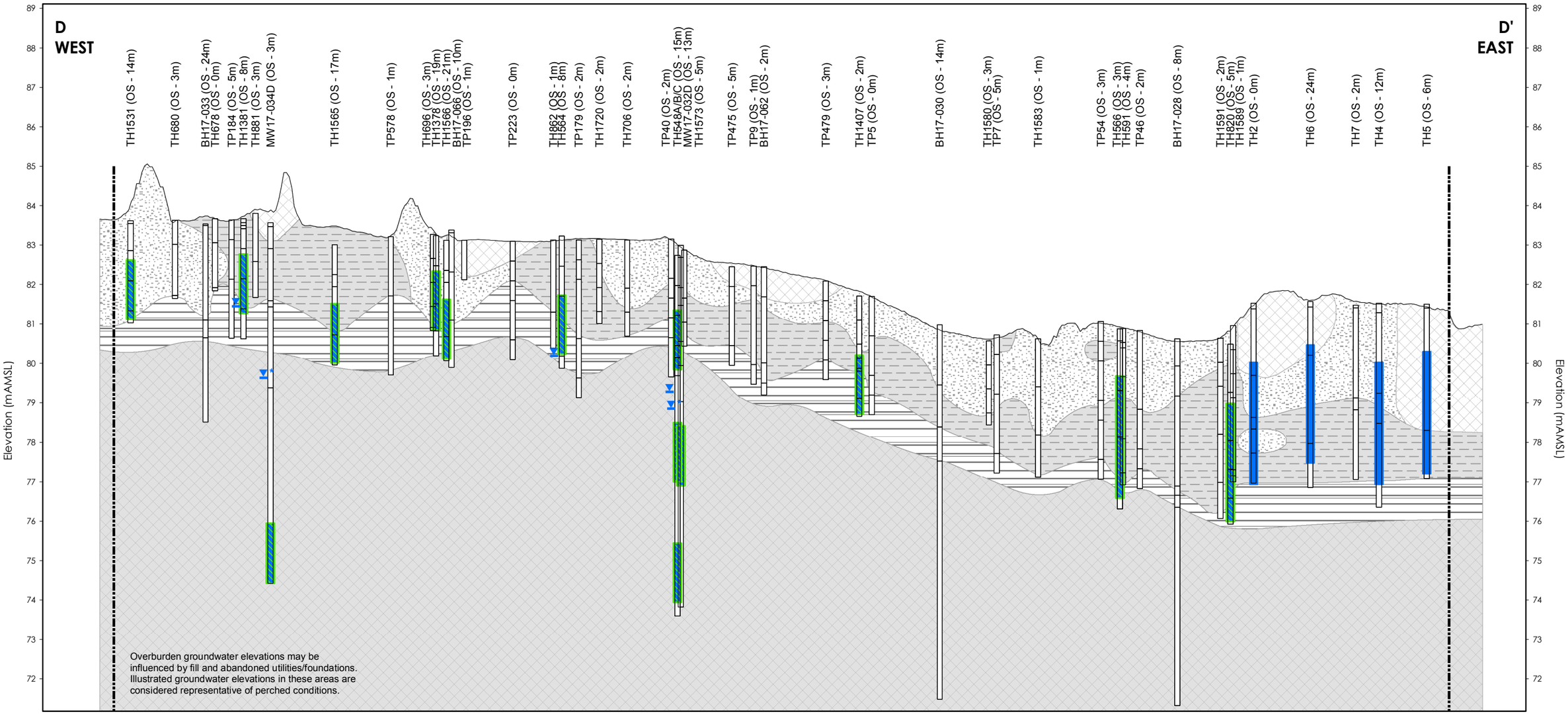
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30g

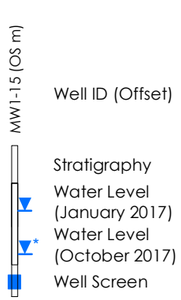
Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - Metals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig30g_XSEC_Section_DD_GW_Metals.mxd Revised: 2018-03-07 By: juwerner





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level



Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30h

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - Sodium and Chloride

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig30h_XSEC_Section_DD_GW_Na_Cl.mxd Revised: 2018-03-07 By: juwerner

D
WEST

D'
EAST

TH1531 (OS - 14m)
TH680 (OS - 3m)
BH17-033 (OS - 24m)
TH678 (OS - 0m)
TP184 (OS - 5m)
TH1381 (OS - 8m)
TH881 (OS - 3m)
MW17-034D (OS - 3m)
TH1565 (OS - 17m)
TP578 (OS - 1m)
TH696 (OS - 3m)
TH1378 (OS - 19m)
TH1566 (OS - 21m)
BH17-066 (OS - 10m)
TP196 (OS - 1m)
TP223 (OS - 0m)
TH862 (OS - 1m)
TH564 (OS - 8m)
TP179 (OS - 2m)
TH1720 (OS - 2m)
TH706 (OS - 2m)
TP40 (OS - 2m)
TH548A/B/C (OS - 15m)
MW17-032D (OS - 13m)
TH1573 (OS - 5m)
TP475 (OS - 5m)
TP9 (OS - 1m)
BH17-062 (OS - 2m)
TP479 (OS - 3m)
TH1407 (OS - 2m)
TP5 (OS - 0m)
BH17-030 (OS - 14m)
TH1580 (OS - 3m)
TP7 (OS - 5m)
TH1583 (OS - 1m)
TP54 (OS - 3m)
TH566 (OS - 3m)
TH591 (OS - 4m)
TP46 (OS - 2m)
BH17-028 (OS - 8m)
TH1591 (OS - 2m)
TH820 (OS - 5m)
TH1589 (OS - 1m)
TH2 (OS - 0m)
TH6 (OS - 24m)
TH7 (OS - 2m)
TH4 (OS - 12m)
TH5 (OS - 6m)

Elevation (mAMSL)

89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
30i

Title
Cross-Section D-D' - Summary of Groundwater Analytical Results - PCBs

\\cd1224-f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig30i_XSEC_Section_DD_GW_PCBs.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1807 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1624 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
TH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 8m)
TH1546 (OS - 8m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)



MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31a

Title
Cross-Section E-E' - Summary of Soil Analytical Results - BTEX

Revised: 2018-03-02 By: pmoser
\\Cd1224f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Fig31a_XSEC_Section_EE'_SO_BTEX.mxd

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1807 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
TH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 8m)
TH546 (OS - 8m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Bedrock groundwater characterization completed at monitoring wells offset from cross-section



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31b

Title
Cross-Section E-E' - Summary of Soil Analytical Results - PHCs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\WFD\Phase II ESA_Summary\122120255_Phase II ESA_Fig31b_XSEC_Section_EE'_SO_PHCs.mxd Revised: 2018-03-02 By: pmoser

E
WEST

E'
EAST

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
TH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 8m)
TH546C (OS - 8m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Elevation (mAMSL)

85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63



MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

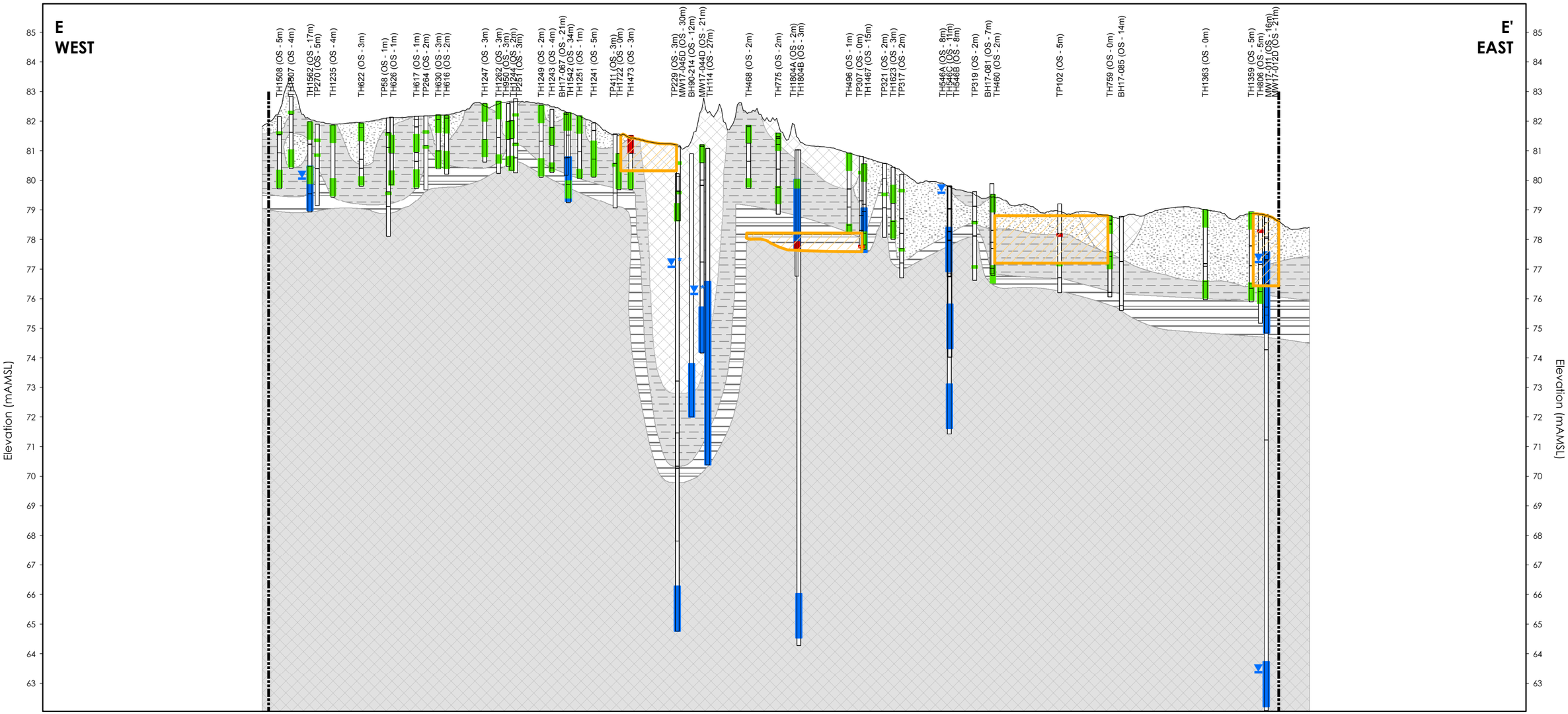
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31c

Title
Cross-Section E-E' - Summary of Soil Analytical Results - VOCs

\\Cd1220102\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig31c_XSEC_Section_EE_SO_VOCs.mxd Revised: 2018-03-06 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31d

Title
Cross-Section E-E' - Summary of Soil Analytical Results - PAHs

\\Cd1224f02_work_group\01221\active\122120255\planning\drawing\WFD\Phase II ESA_Summary\122120255 Phase II ESA_Fig31d_XSEC_Section_EE'_SO_PAHs.mxd Revised 2018-03-02 By: pmoser

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
MW17-045S (OS - 12m)
BH90-214 (OS - 21m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 1m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31e

Title
Cross-Section E-E' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\cd122402\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Figure_XSEC_Section EE_SO_ABN.mxd Revised: 2018-02-22 By: pmoser

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
TH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 8m)
TH546 (OS - 7m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-21
Technical Review by NM on 2018-02-21

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

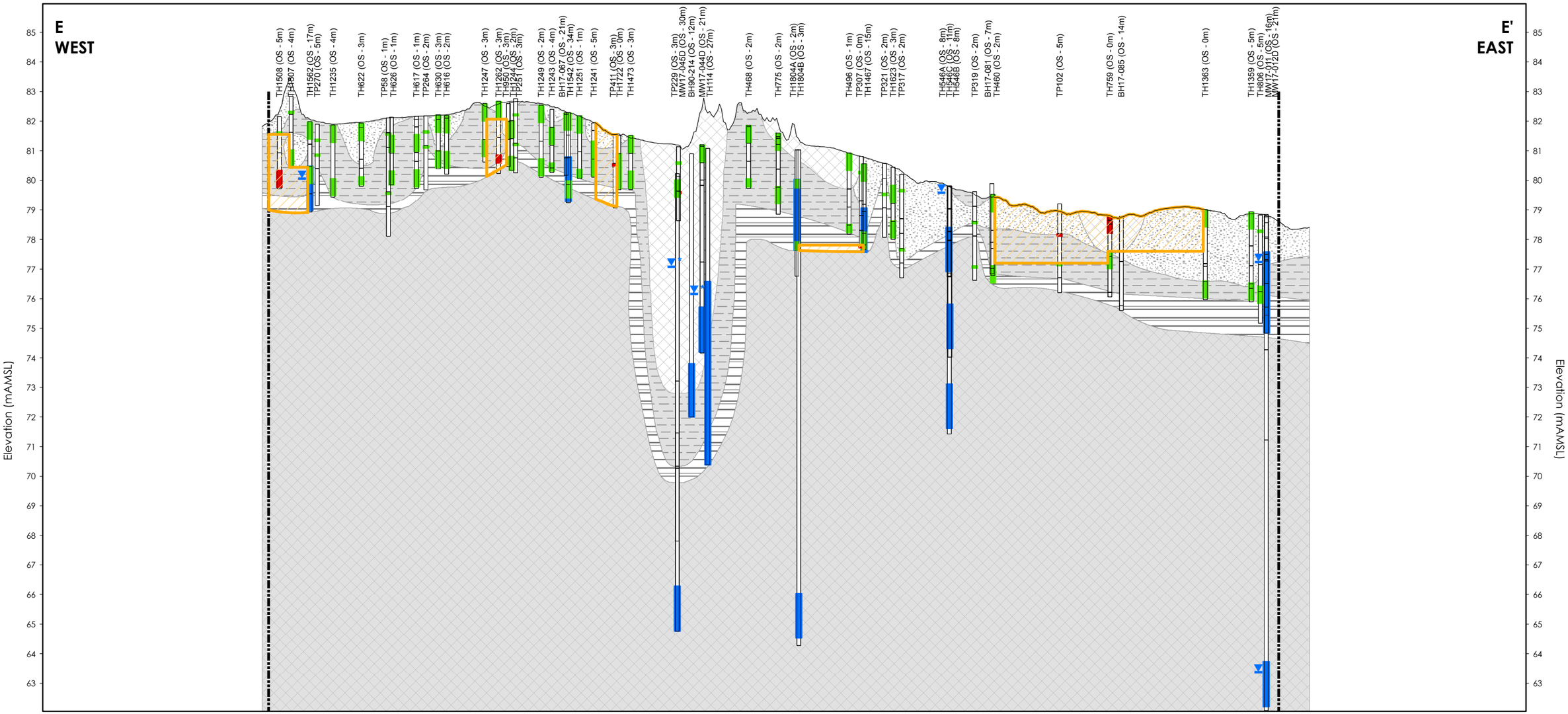
Figure No.
31f

Title
Cross-Section E-E' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig31f_XSEC_Section EE-SO_CPs.mxd Revised: 2018-02-21 By: pmoser

E
WEST

E'
EAST





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31g

Title
Cross-Section E-E' - Summary of Soil Analytical Results - Metals

\\Cd1220-f02_work_group\01221\active\122120255\planning\drawing\WFD\Phase II ESA_Summary\122120255 Phase II ESA Fig31g_XSEC_Section_EE_SO_Metals.mxd Revised: 2018-03-02 By: pmoser

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1307 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 8m)
TH1546 (OS - 8m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31h

Title
Cross-Section E-E' - Summary of Soil Analytical Results - EC and SAR

\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\WFD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig31h_XSEC_Section_EE'SO_EC_SAR.mxd Revised: 2018-03-02 By: ccoghlan

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
MW17-044S (OS - 12m)
BH90-214 (OS - 21m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
31i

Title
Cross-Section E-E' - Summary of Soil Analytical Results - PCBs

\\cd1224402\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig31i_XSEC_Section_EE_SO_PCBs.mxd Revised: 2018-02-22 By: pmoser

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1244 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH15-042 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 1m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32a

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - BTEX

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig32a_XSEC_Section_EE_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1261 (OS - 2m)
TH1244 (OS - 3m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
MW17-044S (OS - 12m)
BH90-214 (OS - 21m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Measurable Liquid Petroleum Hydrocarbon (LPH) Exceedance to O.Reg. 153/04 - Table 3 SCS
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32b

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - PHCs

\\cd1220-f02\work_group\01221\active\122120255\planning\WVD Phase II ESA_Summary\122120255_Phase II ESA_Fig32b_X3EC_Section EE_GW_PHCs.mxd Revised 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1244 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32c

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - VOCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_PhaseII_ESA_Fig32c_XSEC_Section_EE_GW_VOCs.mxd Revised 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1244 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
MW17-045S (OS - 12m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32d

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - PAHs

\\cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig32d_XSEC_Section_EE_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1244 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
MW17-045S (OS - 12m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32e

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II_ESA_Summary\122120255_Phase II_ESA_Fig32e_XSEC_Section_EE_GW_ABNs.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1807 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1254 (OS - 2m)
TH1244 (OS - 3m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32f

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - Chlorophenols

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig32f_XSEC_Section_EE_GW_CPs.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1241 (OS - 2m)
TH1244 (OS - 3m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32g

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - Metals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II ESA Summary\122120255_Phase II_ESA_Fig32g_XSEC_Section_EE_GW_Metals.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1244 (OS - 2m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32h

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results -Sodium and Chloride

\\cd1724-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig32h_XSEC_Section_EE_GW_Na_Cl.mxd Revised: 2018-03-07 By: juwerner

E
WEST

E'
EAST

Elevation (mAMSL)

TH1508 (OS - 5m)
TH1507 (OS - 4m)
TH1562 (OS - 17m)
TP270 (OS - 5m)
TH1235 (OS - 4m)
TH622 (OS - 3m)
TP58 (OS - 1m)
TH626 (OS - 1m)
TH617 (OS - 1m)
TP264 (OS - 2m)
TH630 (OS - 3m)
TH616 (OS - 2m)
TH1247 (OS - 3m)
TH1262 (OS - 3m)
TH1241 (OS - 2m)
TH1244 (OS - 3m)
TP251 (OS - 3m)
TH1249 (OS - 2m)
TH1243 (OS - 4m)
BH17-067 (OS - 21m)
BH1542 (OS - 34m)
TH1251 (OS - 1m)
TH1241 (OS - 5m)
TP411 (OS - 3m)
TH1722 (OS - 0m)
TH1473 (OS - 3m)
TP229 (OS - 3m)
MW17-045D (OS - 30m)
BH90-214 (OS - 12m)
MW17-044D (OS - 21m)
TH114 (OS - 27m)
TH468 (OS - 2m)
TH775 (OS - 2m)
TH1804A (OS - 2m)
TH1804B (OS - 3m)
TH496 (OS - 1m)
TP307 (OS - 0m)
TH1467 (OS - 15m)
TP321 (OS - 2m)
TH1623 (OS - 3m)
TP317 (OS - 2m)
TH546A (OS - 9m)
TH546C (OS - 11m)
TH546B (OS - 8m)
TP319 (OS - 2m)
BH17-081 (OS - 7m)
TH460 (OS - 2m)
TP102 (OS - 5m)
TH759 (OS - 0m)
BH17-085 (OS - 14m)
TH1363 (OS - 0m)
TH1359 (OS - 5m)
TH806 (OS - 5m)
MW17-011 (OS - 16m)
MW17-012D (OS - 21m)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
32i

Title
Cross-Section E-E' - Summary of Groundwater Analytical Results - PCBs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase II_ESA_Summary\122120255_PhaseII_ESA_Fig32_XSEC_Section_EE_GW_PCBs.mxd Revised 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Bedrock groundwater characterization completed at monitoring wells offset from cross-section

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33a

Title
Cross-Section F-F' - Summary of Soil Analytical Results - BTEX

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33a_XSEC_Section_FF_SO_BTEX.mxd Revised: 2018-03-02 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Bedrock groundwater characterization completed at monitoring wells offset from cross-section

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33b

Title
Cross-Section F-F' - Summary of Soil Analytical Results - PHCs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33b_XSEC_Section_FF_SO_PHCs.mxd Revised: 2018-03-02 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS

Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33c

Title
Cross-Section F-F' - Summary of Soil Analytical Results - VOCs

\\Cal1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II ESA_Fig33c_XSEC_Section_FF_SO_VOCs.mxd Revised: 2018-03-06 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33d

Title
Cross-Section F-F' - Summary of Soil Analytical Results - PAHs

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig33d_XSEC_Section_FF_SD_PAHs.mxd Revised: 2018-03-02 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33e

Title
Cross-Section F-F' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33e_XSEC_Section_FF'SO_ABN.mxd Revised: 2018-02-22 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-21
Technical Review by NM on 2018-02-21

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33f

Title
Cross-Section F-F' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig33f_XSEC_Section_FF_SO_CPs.mxd Revised: 2018-02-21 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1560B (OS - 7m)
TH1560A (OS - 5m)
TH1560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS

Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33g

Title
Cross-Section F-F' - Summary of Soil Analytical Results - Metals

\\Cd1224-f02\work_group\01221\active\122120255\planning\WD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33g_XSEC_Section_FF_SO_Metals.mxd Revised: 2018-03-02 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH606 (OS - 2m)
TH606A (OS - 2m)
TH606B (OS - 2m)
TH606C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 5m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33h

Title
Cross-Section F-F' - Summary of Soil Analytical Results - EC and SAR

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33h_XSEC_Section_FF_SO_EC_SAR.mxd Revised: 2018-03-02 By: ccoghlan

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH896 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH1606 (OS - 7m)
TH1606A (OS - 5m)
TH1606B (OS - 2m)
TH1606C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TH1424 (OS - 4m)
TH1701 (OS - 5m)
MW17-010 (OS - 8m)

Elevation (mAMSL)



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33i

Title
Cross-Section F-F' - Summary of Soil Analytical Results - PCBs

\\cd1224102a\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33i_XSEC_Section_FF_SO_PCBs.mxd Revised: 2018-02-22 By: pmoser

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 5m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP3424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34a

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - BTEX

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II_ESA_Summary\122120255_PhaseII_ESA_Fig34a_XSEC_Section_FF_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 3m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP1424 (OS - 5m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

- Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
- Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34b

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - PHCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255_Phase II ESA_Fig34b_XSEC_Section_FF_GW_PHC's.mxd Revised: 2018-03-07 By: juwerner

F
WEST

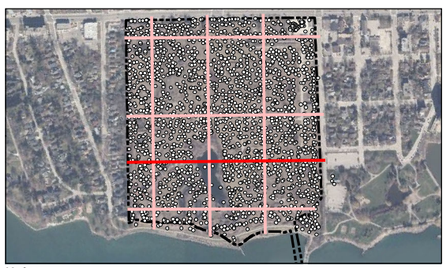
F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560D (OS - 3m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP3424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34c

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - VOCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig34c_XSEC_Section_FF_GW_VOCs.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 5m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP142 (OS - 4m)
TH424 (OS - 5m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzo(b/j)F	0.75
Chrysene	1

* Refer to Table 15 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34d

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - PAHs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig34d_XSEC_Section_FF_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 5m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP3424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34e

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig34e_XSEC_Section_FF_GW_ABNs.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 5m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP3424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34f

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - Chlorophenols

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_PhaseII_ESA_Fig34f_XSEC_Section_FF_GW_CPs.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 5m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP3424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34g

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - Metals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255_PhaseII_ESA_Fig34g_XSEC_Section_FF_GW_Metals.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560D (OS - 3m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Shale Pit - Standing Water
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34h

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results -Sodium and Chloride

\\cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig34h_XSEC_Section_FF_GW_No_Cl.mxd Revised: 2018-03-07 By: juwerner

F
WEST

F'
EAST

TH1517 (OS - 16m)
TH1516 (OS - 5m)
TH1688 (OS - 2m)
TH8961 (OS - 1m)
BH17-041 (OS - 19m)
TH1805A (OS - 15m)
TH1805B (OS - 13m)
TH1543 (OS - 2m)
TH1687 (OS - 1m)
TH902 (OS - 1m)
TH918 (OS - 4m)
TH908 (OS - 2m)
TH1560 (OS - 5m)
TH914 (OS - 4m)
TP454 (OS - 3m)
MW17-073D (OS - 24m)
TH1561 (OS - 23m)
TH926 (OS - 5m)
BH17-074 (OS - 23m)
TH128C (OS - 22m)
TH128B (OS - 22m)
BH17-052 (OS - 17m)
TH127B (OS - 17m)
TH127C (OS - 13m)
TP149 (OS - 4m)
TH401 (OS - 3m)
TH403 (OS - 4m)
TH427 (OS - 1m)
TH425 (OS - 4m)
TH1733 (OS - 2m)
TP152 (OS - 5m)
TP146 (OS - 4m)
TH560B (OS - 2m)
TH560A (OS - 5m)
TH560C (OS - 2m)
TH306 (OS - 0m)
BH17-079 (OS - 1m)
TP158 (OS - 1m)
TH384 (OS - 2m)
TH426 (OS - 2m)
TH432 (OS - 1m)
TP1424 (OS - 4m)
TH1701 (OS - 14m)
MW17-010 (OS - 8m)

Elevation (mAMSL)

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
- Shale Pit - Standing Water
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 30 60 metres
1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34i

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - PCBs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig34_XSEC_Section_FF_GW_PCBs.mxd Revised: 2018-03-07 By: juwerner

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m) — Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35a

Title
Cross-Section G-G' - Summary of Soil Analytical Results - BTEX

\\Cd1224f01\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_PhaseII_ESA_Fig35a_XSEC_Section_GG_SO_BTEX.mxd Revised: 2018-03-02 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/g)
PHC F1 (C6-C10range) minus BTEX	65
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	1,300
PHC F4 (>C34-C50range)	5,600
PHC F4 (>C34) Gravimetric	5,600

* Refer to Table 4 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35b

Title
Cross-Section G-G' - Summary of Soil Analytical Results - PHCs

\\Cal1224f02\work_group\01221\active\122120255\planning\wp\Phase II ESA - Summary\122120255_Phase II ESA_Fig35b_XSEC Section_GG_SO_PHCs.mxd Revised: 2018-03-02 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Chlorobenzene (Monochlorobenzene)	2.7	Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
Chloroform (Trichloromethane)	0.18	Hexane (n-Hexane)	34
Dichlorobenzene, 1,2-	4.3	Tetrachloroethane, 1,1,2,2-	0.05
Dichlorobenzene, 1,4-	0.097	Trichloroethane, 1,1,2-	0.05
Dichloroethane, 1,2-	0.05	Trichloroethene (TCE)	0.52
Dichloropropane, 1,2-	0.085		

* Refer to Table 5 for full VOC results.

Stantec

Project Location
Mississauga, Ontario

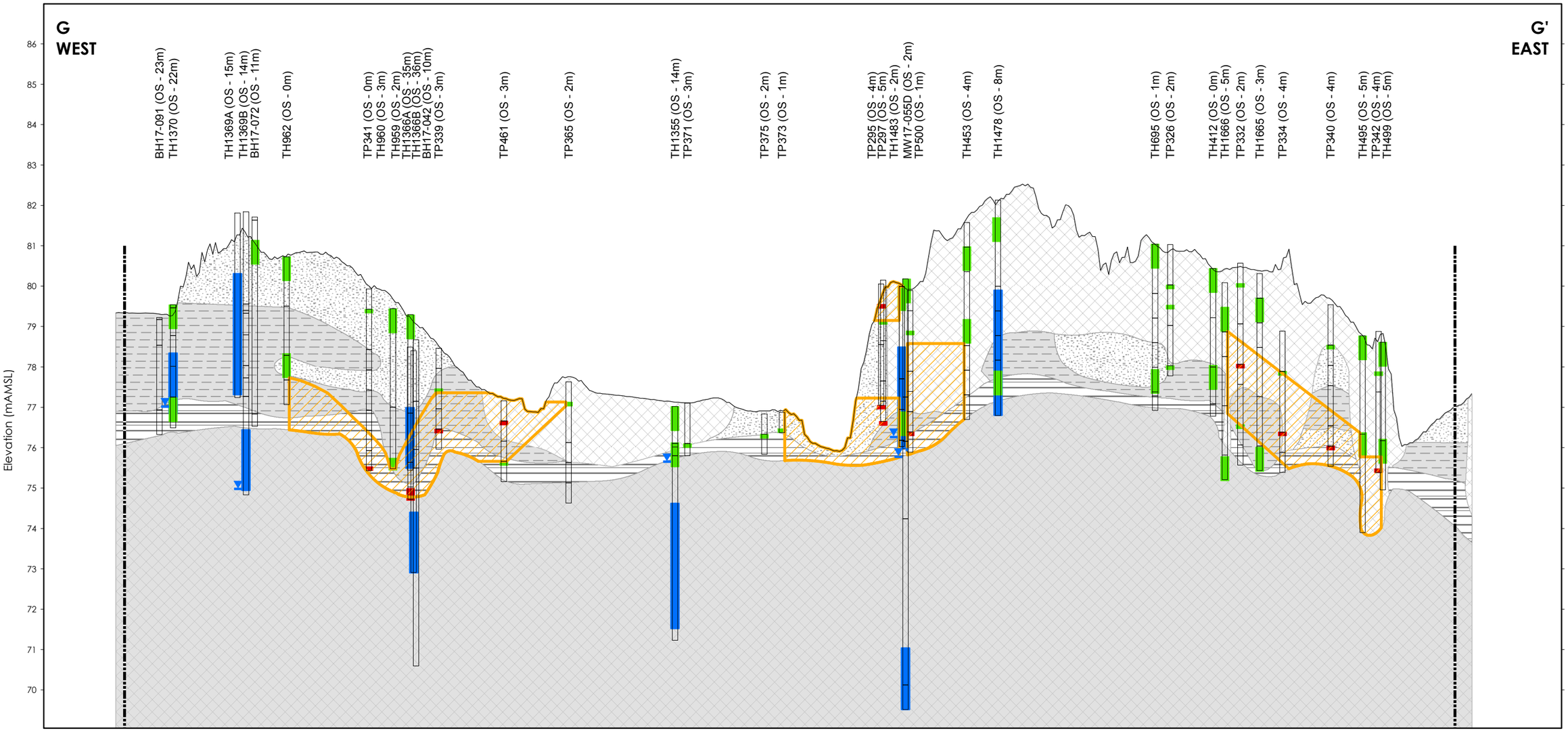
122120255 REVA
Prepared by pmoser on 2018-03-06
Techincal Review by NM on 2018-03-06

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35c

Title
Cross-Section G-G' - Summary of Soil Analytical Results - VOCs

\\Cd1224f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Fig35c_XSEC_Section_GG'_SD_VOCs.mxd Revised: 2018-03-06 By: pmoser





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Acenaphthylene	0.17	Dibenzo(a,h)anthracene	0.1
Anthracene	0.74	Fluoranthene	0.69
Benzo(a)anthracene	0.63	Indeno(1,2,3-cd)pyrene	0.48
Benzo(a)pyrene	0.3	Methylnaphthalene (Total)	3.4
Benzo(b/j)fluoranthene	0.78	Naphthalene	0.75
Benzo(g,h,i)perylene	7.8	Phenanthrene	7.8
Benzo(k)fluoranthene	0.78	Pyrene	78
Chrysene	7.8		

* Refer to Table 6 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35d

Title
Cross-Section G-G' - Summary of Soil Analytical Results - PAHs

\\Cd1224-f001\work_group\01221\active\122120255\planning\wp\Phase II ESA - Summary\122120255_Phase II ESA_Fig35d_XSEC Section_GG_SO_PAHs.mxd Revised: 2018-03-02 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Techincal Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35e

Title
Cross-Section G-G' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig35e_XSEC_Section_GG'_SO_ABNs.mxd Revised: 2018-02-22 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-21
Techincal Review by NM on 2018-02-21

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35f

Title
Cross-Section G-G' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA Fig35f XSEC_Section_GG'_SD_CPs.mxd Revised: 2018-02-21 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)*

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS			
Parameter	Value (µg/g)	Parameter	Value (µg/g)
Antimony	7.5	Lead	120
Arsenic	18	Mercury	1.8
Barium	390	Molybdenum	6.9
Boron (Available)	1.5	Nickel	130
Cadmium	1.2	Selenium	2.4
Chromium	160	Thallium	1
Cobalt	22	Vanadium	86
Copper	180	Zinc	340

* Refer to Table 9 for full Metals results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35g

Title
Cross-Section G-G' - Summary of Soil Analytical Results - Metals

\\Cd1224f02_work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II ESA_Figs35g_XSEC_Section_GG_SO_Metals.mxd Revised: 2018-03-02 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Soil Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Soil Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (mS/cm)
Electrical Conductivity, Lab	0.7
Sodium Adsorption Ratio	5 (value)

* Refer to Table 10 for full EC and SAR results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by ccoghlan on 2018-03-02
Techincal Review by NM on 2018-03-02

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35h

Title
Cross-Section G-G' - Summary of Soil Analytical Results - EC and SAR

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\WD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig35h_XSEC_Section_GG'_EC_SAR.mxd Revised: 2018-03-02 By: ccoghlan

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Soil Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by pmoser on 2018-02-22
Techincal Review by NM on 2018-02-22

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
35i

Title
Cross-Section G-G' - Summary of Soil Analytical Results - PCBs

\\cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phasell_ESA_Fig35_XSEC_Section_GG_SO_PCBs.mxd Revised: 2018-02-22 By: pmoser

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, Total

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzene	430
Ethylbenzene	2,300
Xylenes, Total	4,200

* Refer to Table 12 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

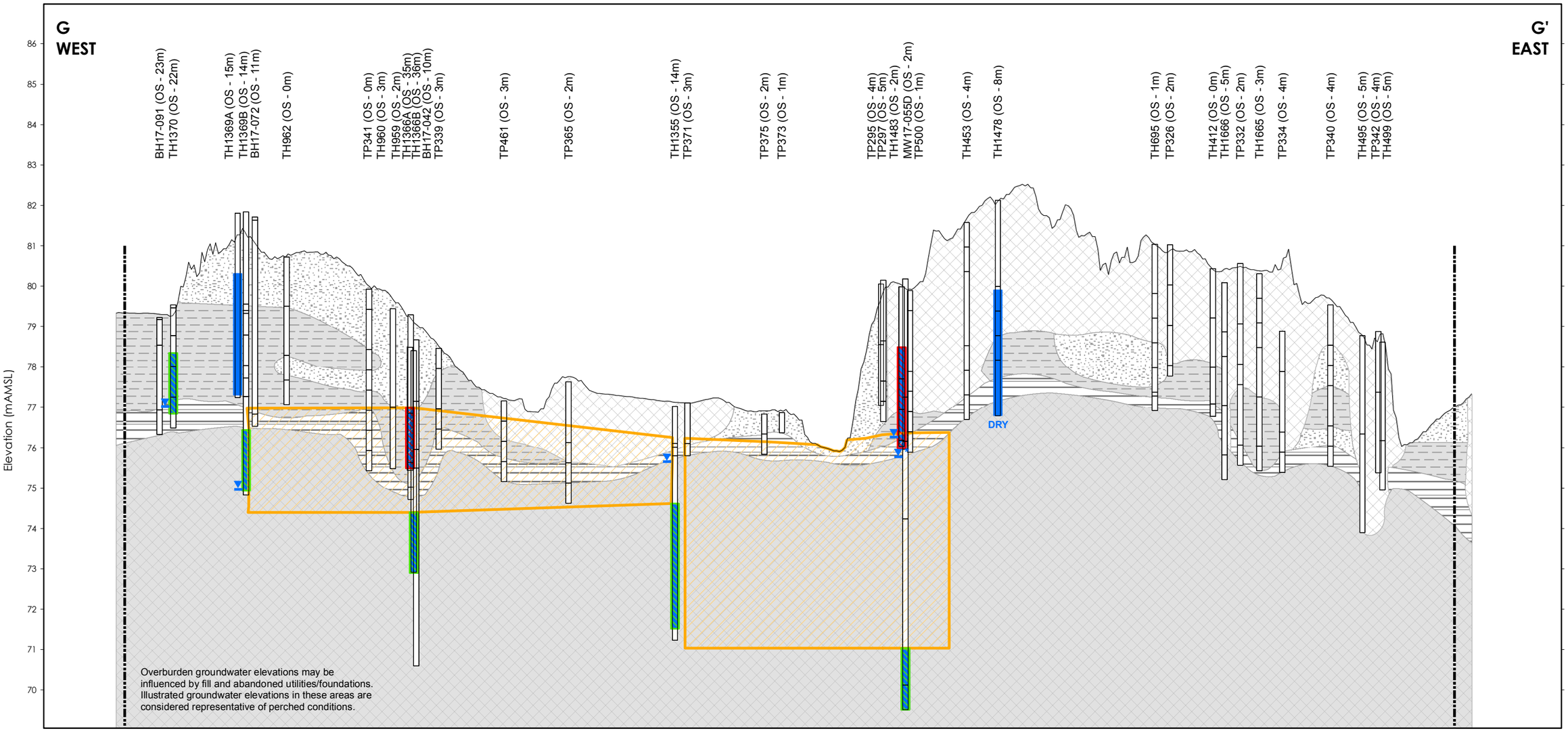
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36a

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - BTEX

\\cd1220-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II_ESA_Summary\122120255_Phase II_ESA_Fig36a_XSEC_Section_G-G'_GW_BTEX.mxd Revised: 2018-03-07 By: juwerner





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PHCs - Petroleum hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy

Water Level (January 2017)

Water Level (October 2017)

Well Screen

Site Boundary

Approximate Ground Surface

Stratigraphy

Fill

Sandy Silt - Silty Sand

Clayey Silt to Silt

Highly Weathered Shale

Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
PHC F1 (C6-C10range) minus BTEX	750
PHC F2 (>C10-C16range)	150
PHC F3 (>C16-C34range)	500
PHC F4 (>C34-C50range)	500
PHC F4 (>C34) Gravimetric	500

* Refer to Table 13 for full PHC results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36b

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - PHCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig36b_XSEC_Section_GG_GW_PHCs.mxd Revised: 2018-03-07 By: juwerner

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

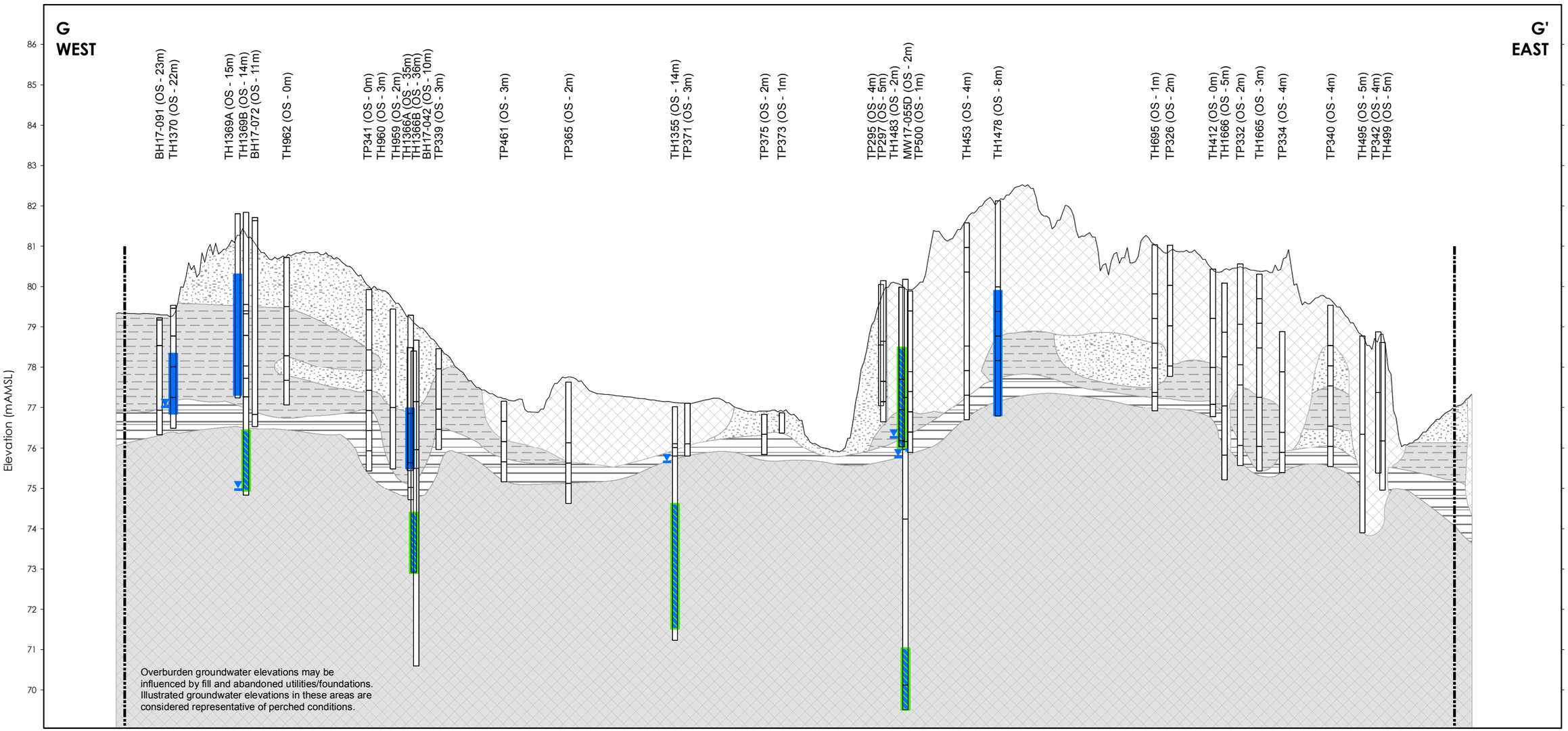
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36c

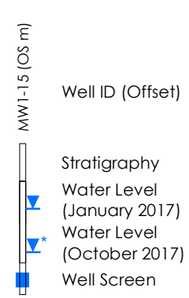
Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - VOCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig36c_XSEC_Section_GG_GW_VOCs.mxd Revised: 2018-03-07 By: juwerner





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons
7. Benzo(b/j)F - Benzo(b/j)fluoranthene



Site Boundary
Approximate Ground Surface

Stratigraphy
- Fill
- Sandy Silt - Silty Sand
- Clayey Silt to Silt
- Highly Weathered Shale
- Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value (µg/L)
Benzo(b/j)F	0.75
Chrysene	1

* Refer to Table 15 for full PAH results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36d

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - PAHs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig36d_XSEC_Section_G-G'_GW_PAHs.mxd Revised: 2018-03-07 By: juwerner

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36e

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - Acid/Base Neutrals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II_ESA_Summary\122120255_Phase II_ESA_Fig36e_XSEC_Section_GG_GW_ABN.mxd Revised: 2018-03-07 By: juwerner

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)

Well ID (Offset)

Stratigraphy
Water Level (January 2017)
Water Level (October 2017)*
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration

0 25 50 metres

1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

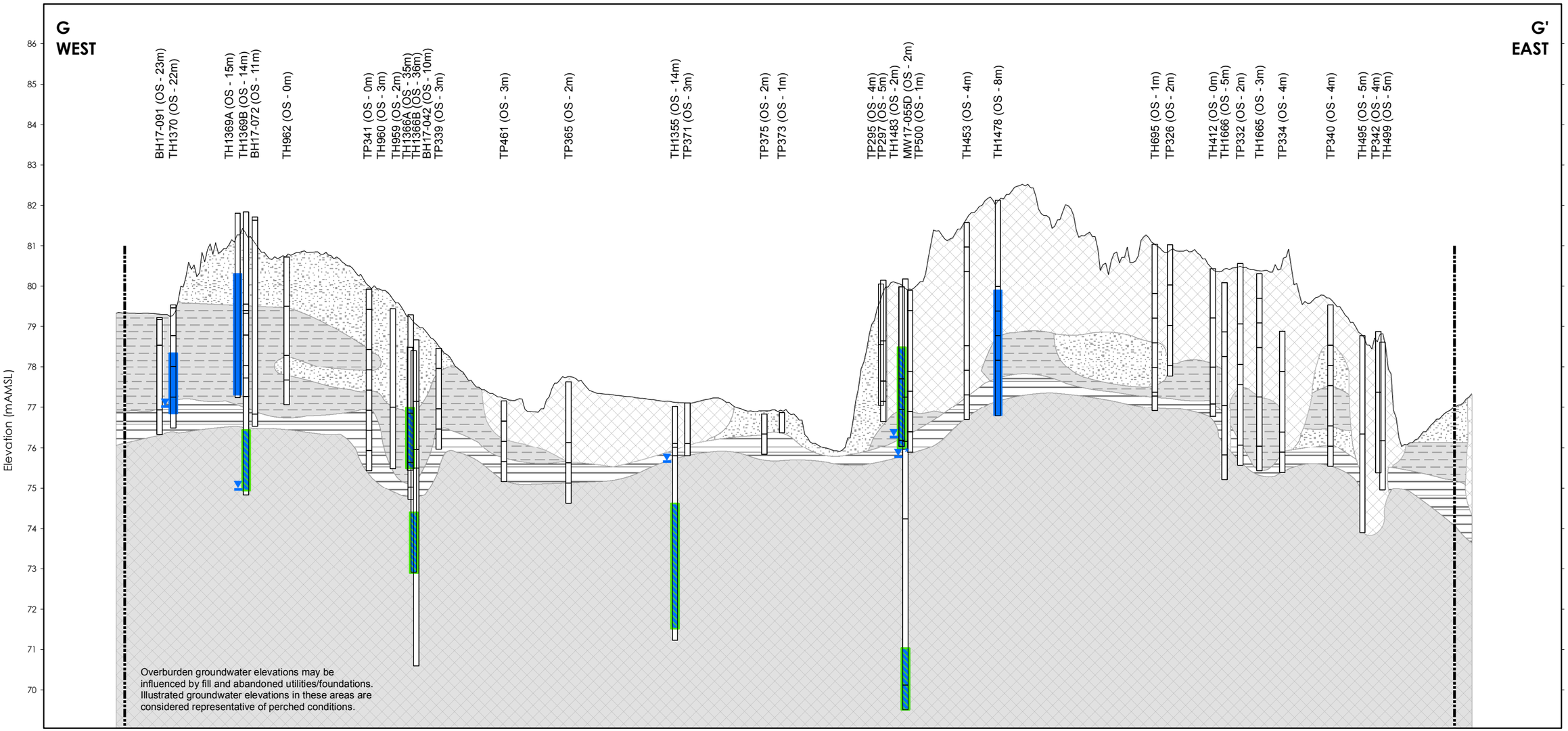
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36f

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - Chlorophenols

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig36f_XSEC_Section G-G'_GW_Chl.mxd Revised: 2018-03-07 By: juwerner





Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36g

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - Metals

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig36g_XSEC_Section_GG_GW_Metals.mxd Revised: 2018-03-07 By: juwerner

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
One or More Groundwater Parameters Tested Exceed Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)
Extent of Groundwater Impact Exceeding Applicable O.Reg. 153/04 - Table 3 SCS

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

O.Reg. 153/04 - Table 3 SCS	
Parameter	Value
Chloride	2,300 (mg/L)
Sodium	2,300,000 (µg/L)

* Refer to Table 19 for full Sodium and Chloride results.

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36h

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - Sodium and Chloride

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig36h_XSEC_Section_GG_GW_Na_Cl.mxd Revised: 2018-03-07 By: juwerner

G **WEST**

G' **EAST**

BH17-091 (OS - 23m)
TH1370 (OS - 22m)
TH1369A (OS - 15m)
TH1369B (OS - 14m)
BH17-072 (OS - 11m)
TH962 (OS - 0m)
TP341 (OS - 0m)
TH960 (OS - 3m)
TH959 (OS - 2m)
TH1366A (OS - 35m)
TH1366B (OS - 36m)
BH17-042 (OS - 10m)
TP339 (OS - 3m)
TP461 (OS - 3m)
TP365 (OS - 2m)
TH1355 (OS - 14m)
TP371 (OS - 3m)
TP375 (OS - 2m)
TP373 (OS - 1m)
TP295 (OS - 4m)
TP297 (OS - 5m)
TH1483 (OS - 2m)
MW17-055D (OS - 2m)
TP500 (OS - 1m)
TH453 (OS - 4m)
TH1478 (OS - 8m)
TH695 (OS - 1m)
TP326 (OS - 2m)
TH412 (OS - 0m)
TH1666 (OS - 5m)
TP332 (OS - 2m)
TH1665 (OS - 3m)
TP334 (OS - 4m)
TP340 (OS - 4m)
TH495 (OS - 5m)
TP342 (OS - 4m)
TH499 (OS - 5m)

Elevation (mAMSL)

86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70

Overburden groundwater elevations may be influenced by fill and abandoned utilities/foundations. Illustrated groundwater elevations in these areas are considered representative of perched conditions.



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

MW1-15 (OS m)
Well ID (Offset)
Stratigraphy
Water Level (January 2017)
Water Level (October 2017)
Well Screen

Site Boundary
Approximate Ground Surface

Stratigraphy
Fill
Sandy Silt - Silty Sand
Clayey Silt to Silt
Highly Weathered Shale
Moderately Weathered to Competent Shale

Groundwater Parameters Tested Less Than Regulatory Standards (O.Reg. 153/04 - Table 3 SCS)

15x Vertical Exaggeration
0 25 50 metres
1:1,500 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
36i

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - PCBs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig36_XSEC_Section_G-G_GW_PCBs.mxd Revised 2018-03-07 By: juwerner