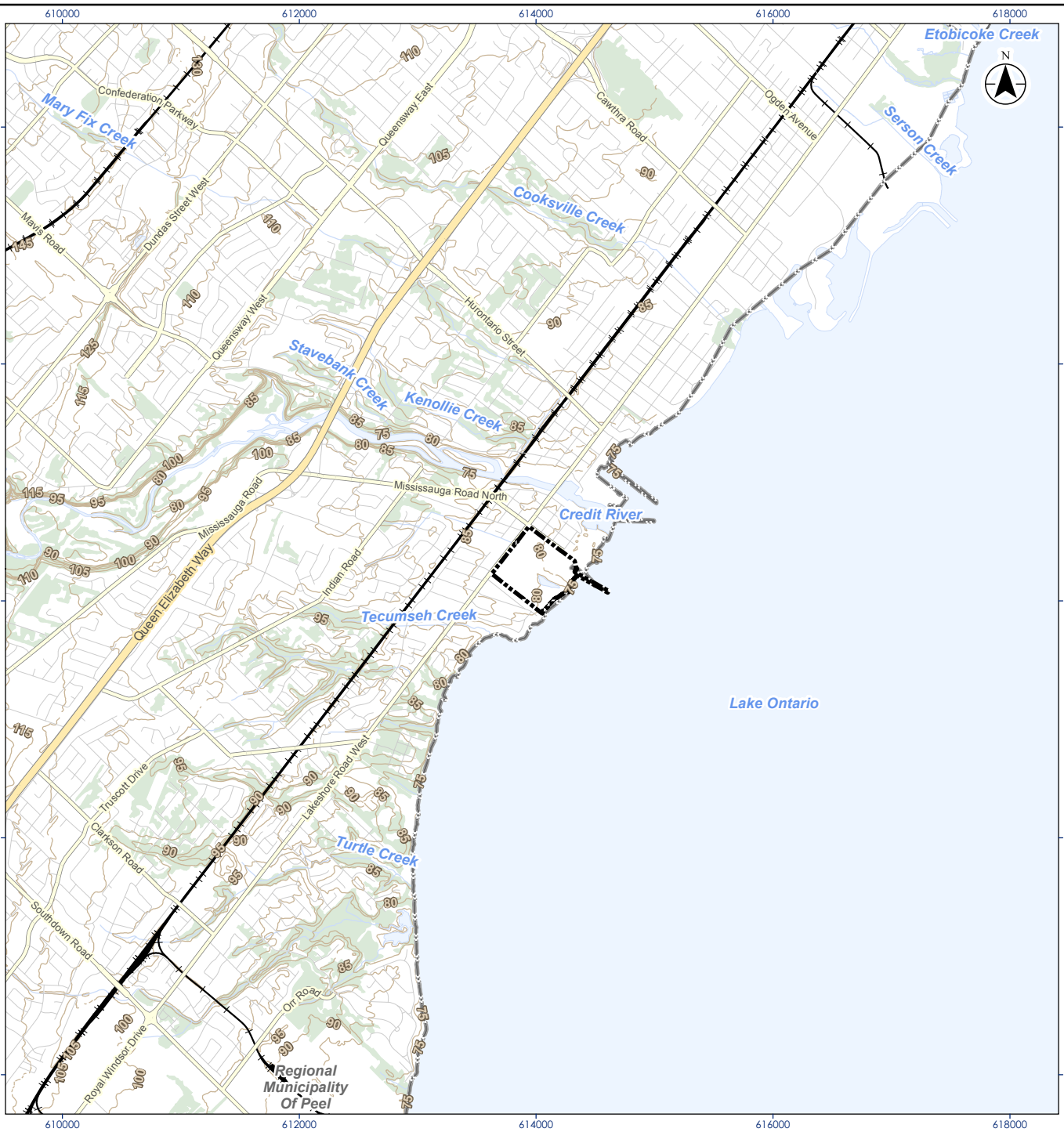
ATTACHMENT A - FIGURES
VOLUME 2



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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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.

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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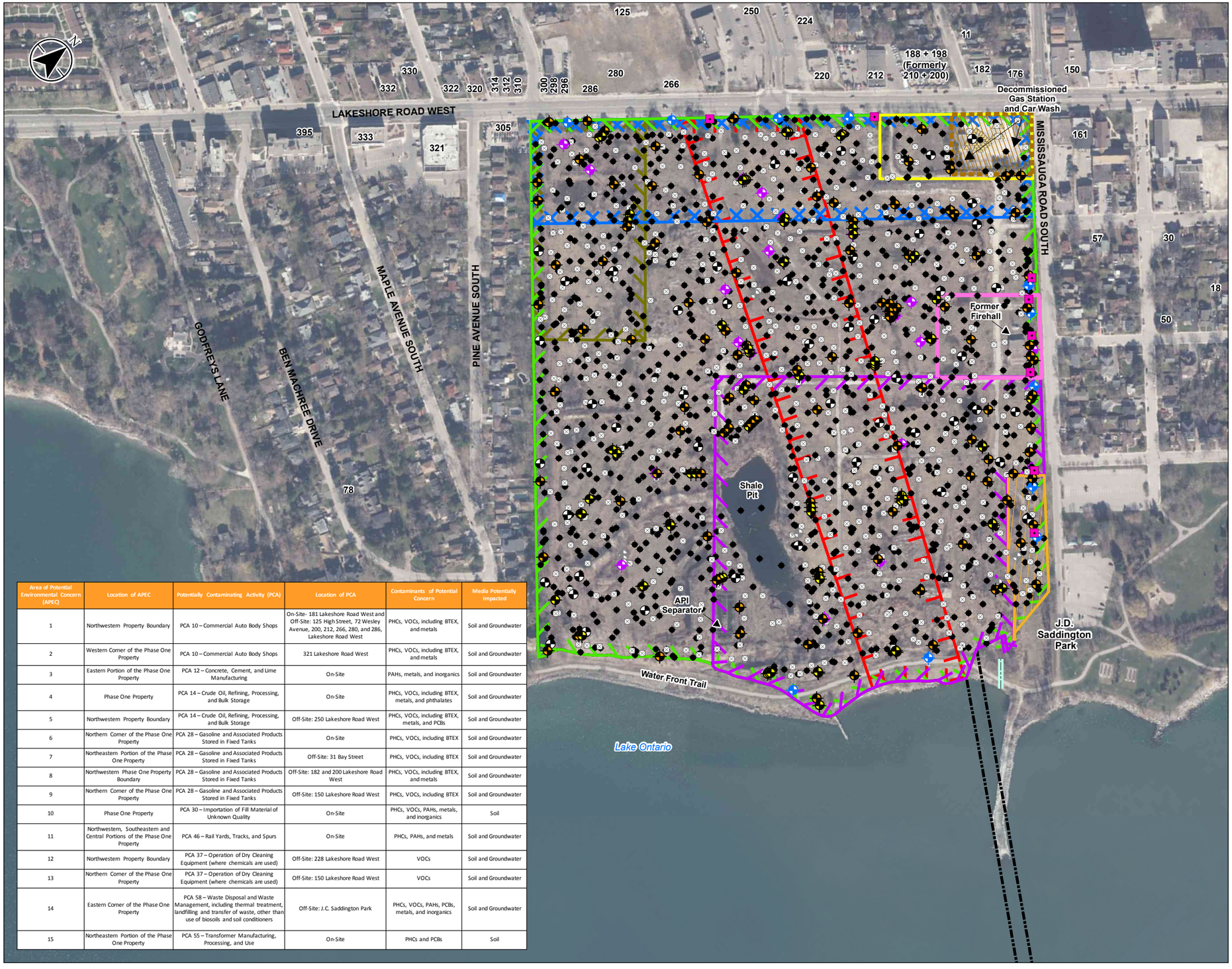

Area of Potential Environmental Concern (APEC)	Location of APEC	Potentially Contaminating Activity (PCA)	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
1	Northwestern Property Boundary	PCA 10 – Commercial Auto Body Shops	On-Site- 181 Lakeshore Road West and Off-Site: 125 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-f05\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: ianoser

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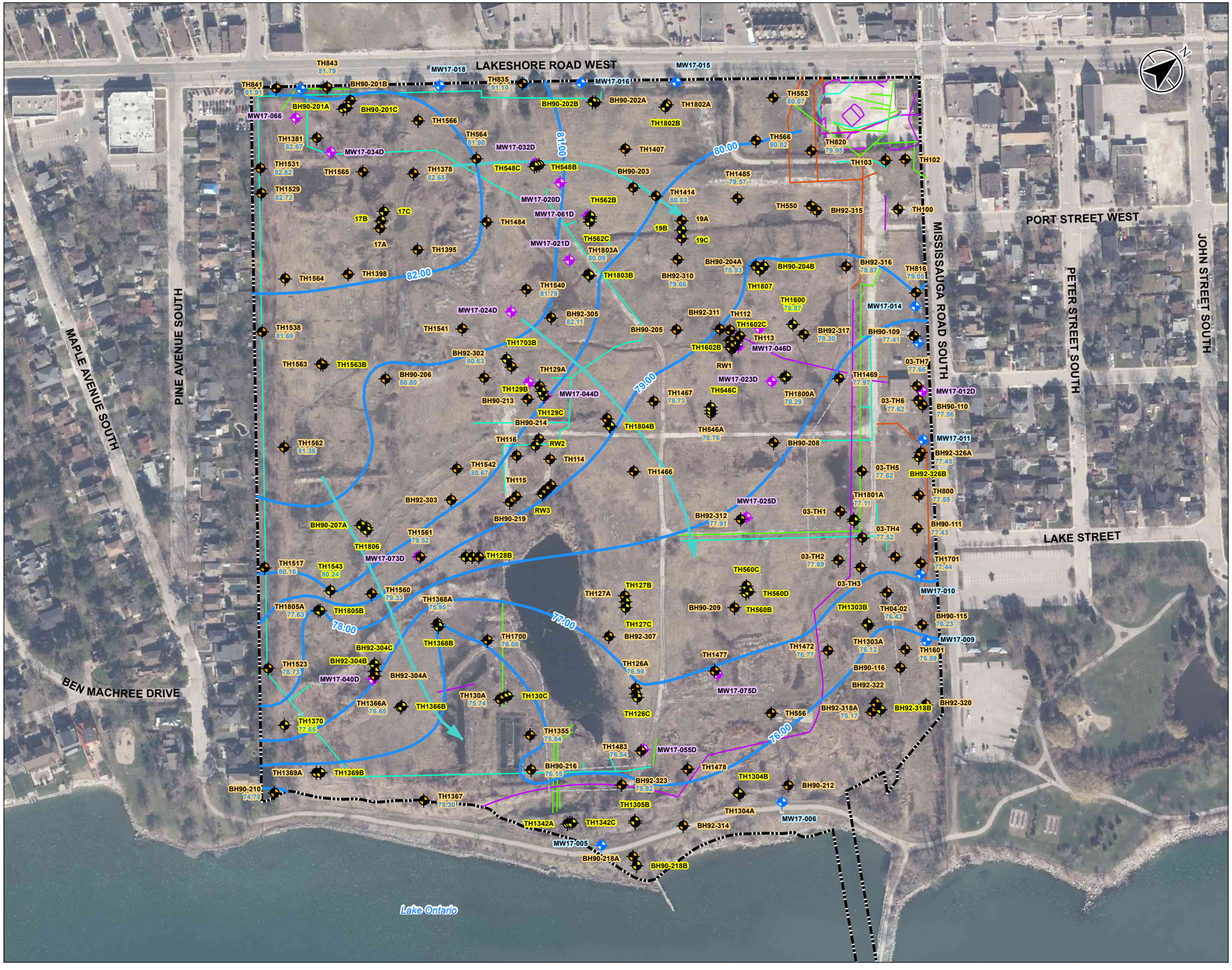

Stantec

- 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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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.

3a

Title

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

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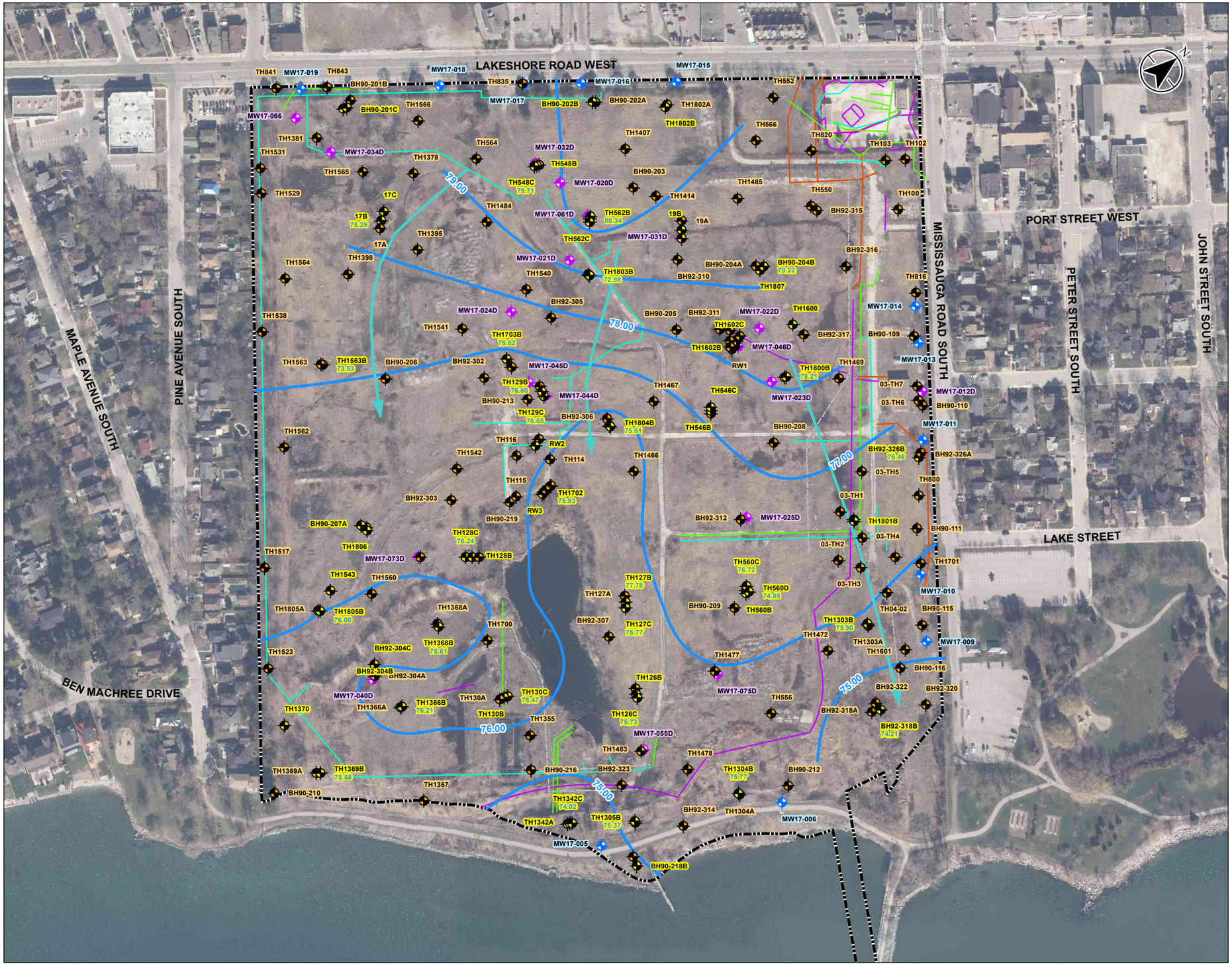

Stantec

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.
3b

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

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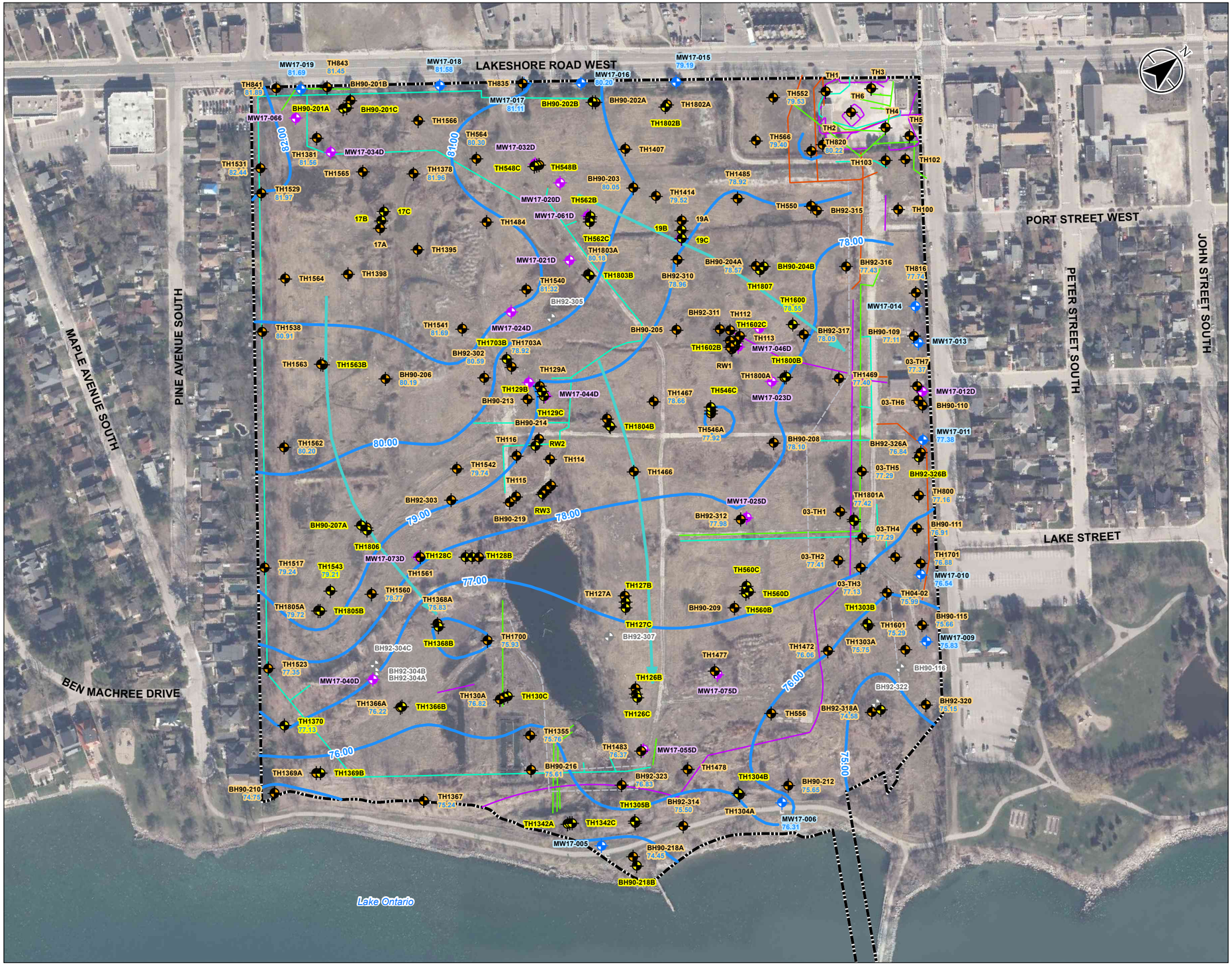
\\Ca1224-f02\ work_group\01221\active\122120255\planning\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig03b_Groundwater Flow_Bedrock_March2015.mxd Revised: 2018-03-08 By: pmoser



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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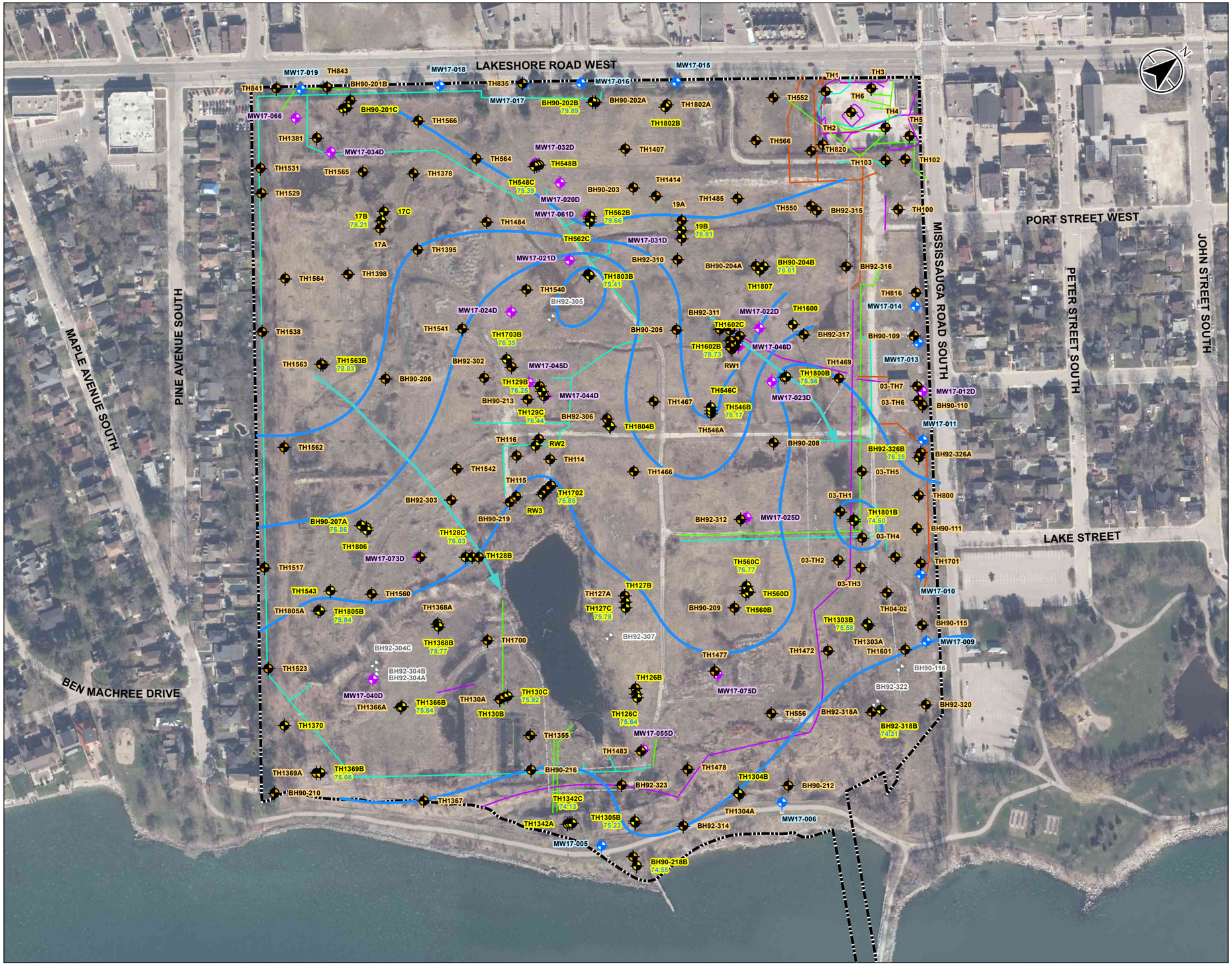
\\Ca1224-f02\work_group\01221\active\122120255\Planning\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig03c Groundwater Flow Overburden January2017.mxd Revised: 2018-03-08 By: pmcuser



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
77.62 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
- 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.

3e

Title

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

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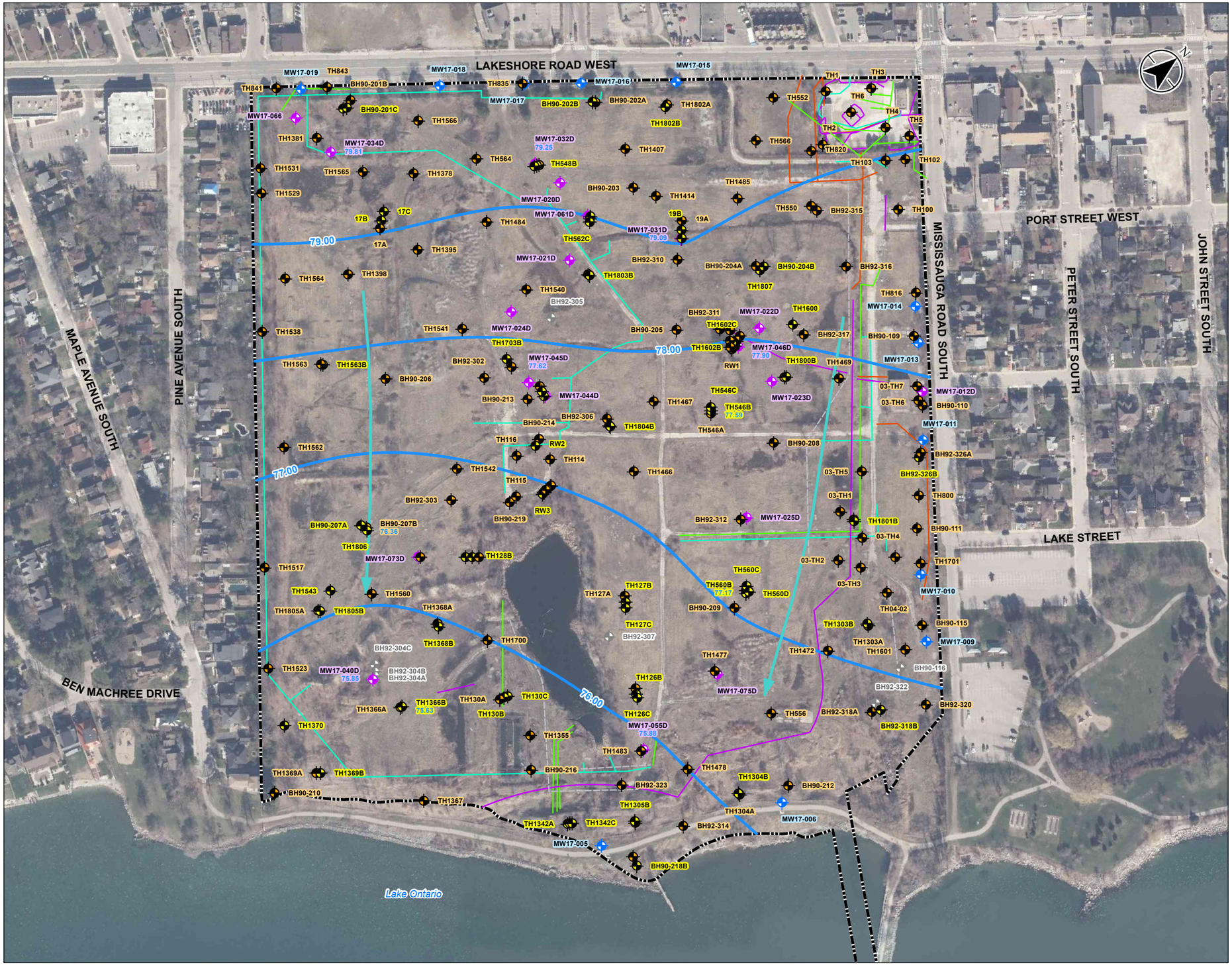

Stantec

- 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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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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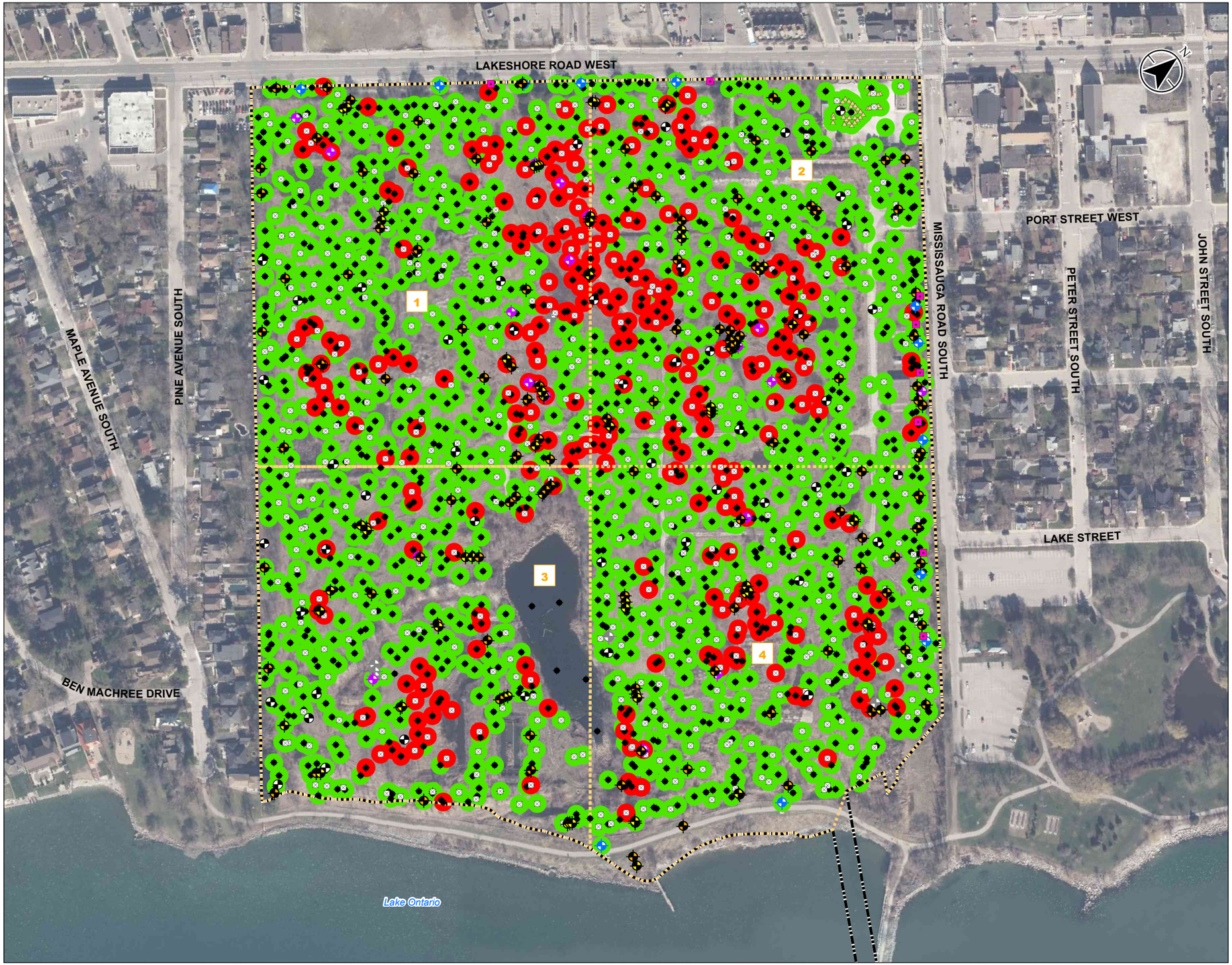

Stantec

- 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

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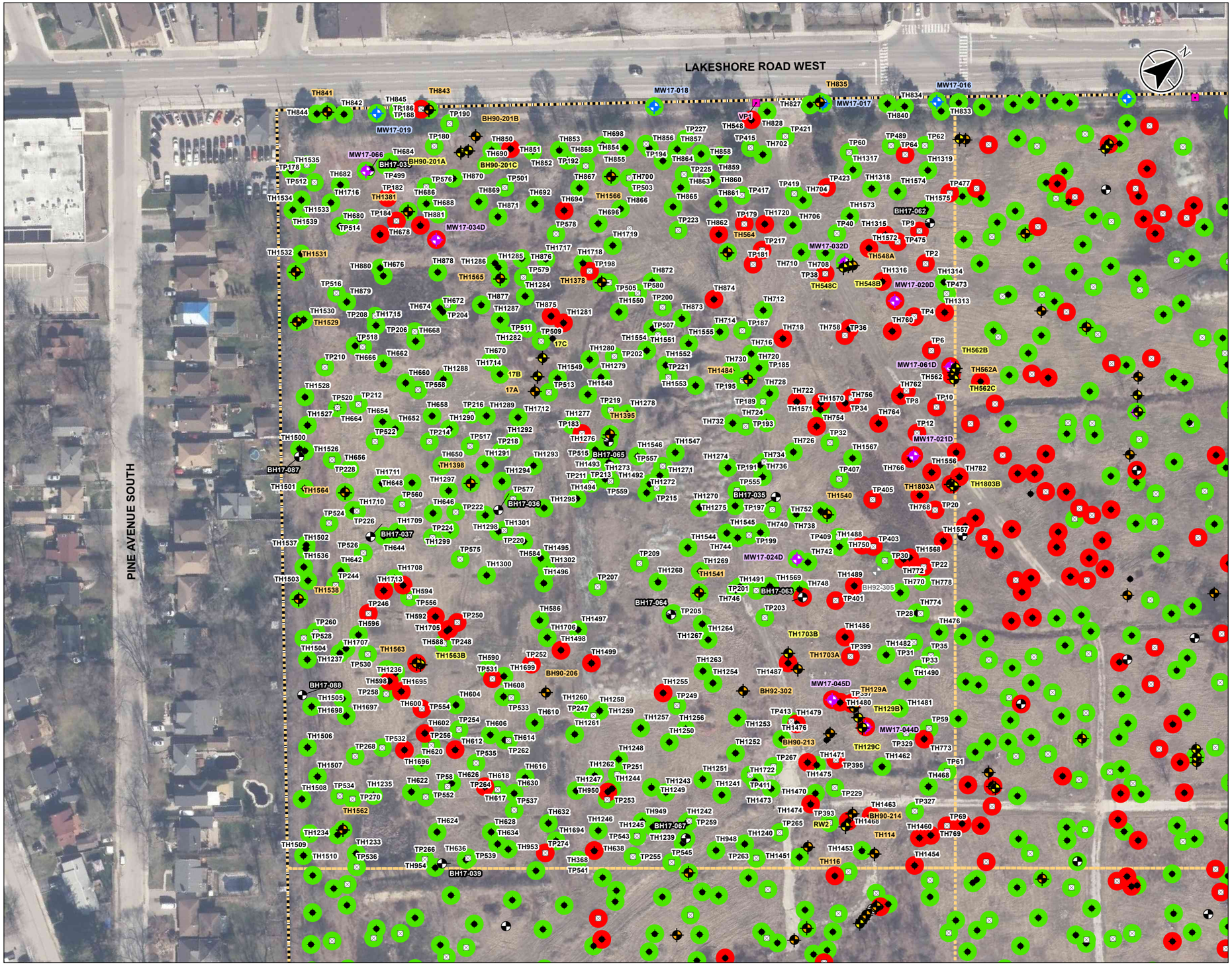

Stantec

- 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.

4b

Title

Summary of Soil Analytical Results - BTEX - Quadrant 1

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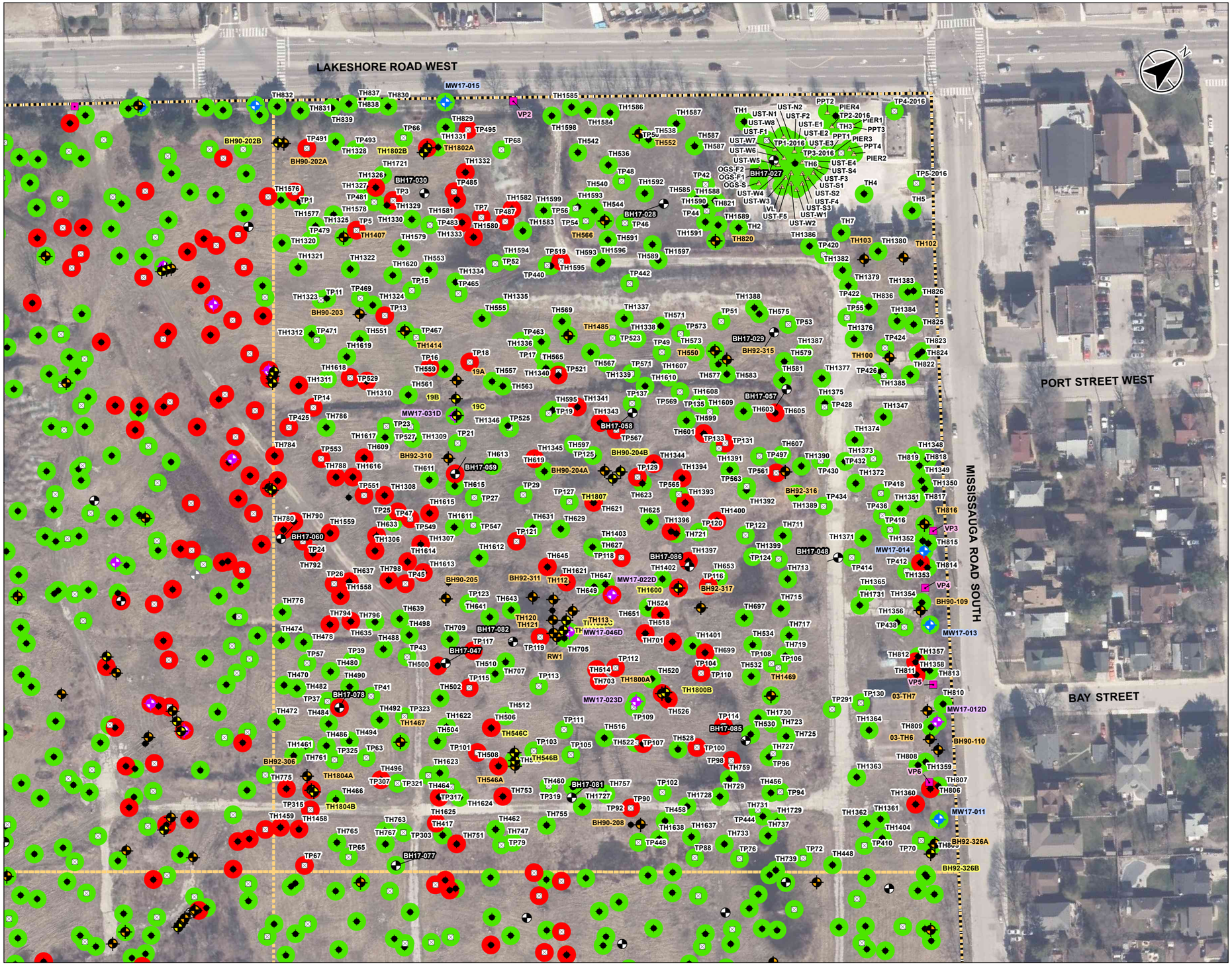

Stantec

- 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)
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.
4c

Title
Summary of Soil Analytical Results - BTEX - Quadrant 2

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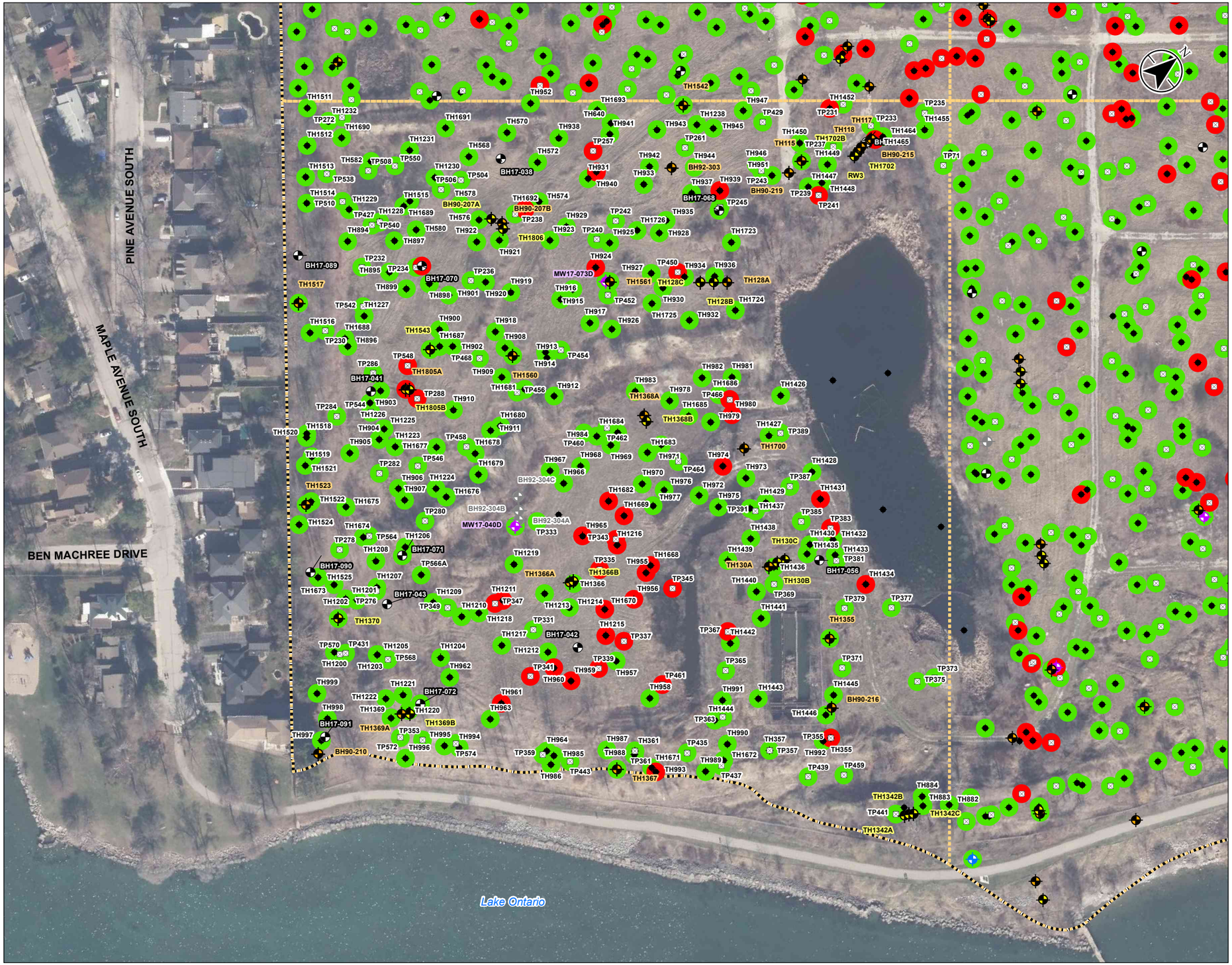

Stantec

- 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)
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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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.

4d

Title

Summary of Soil Analytical Results - BTEX - Quadrant 3

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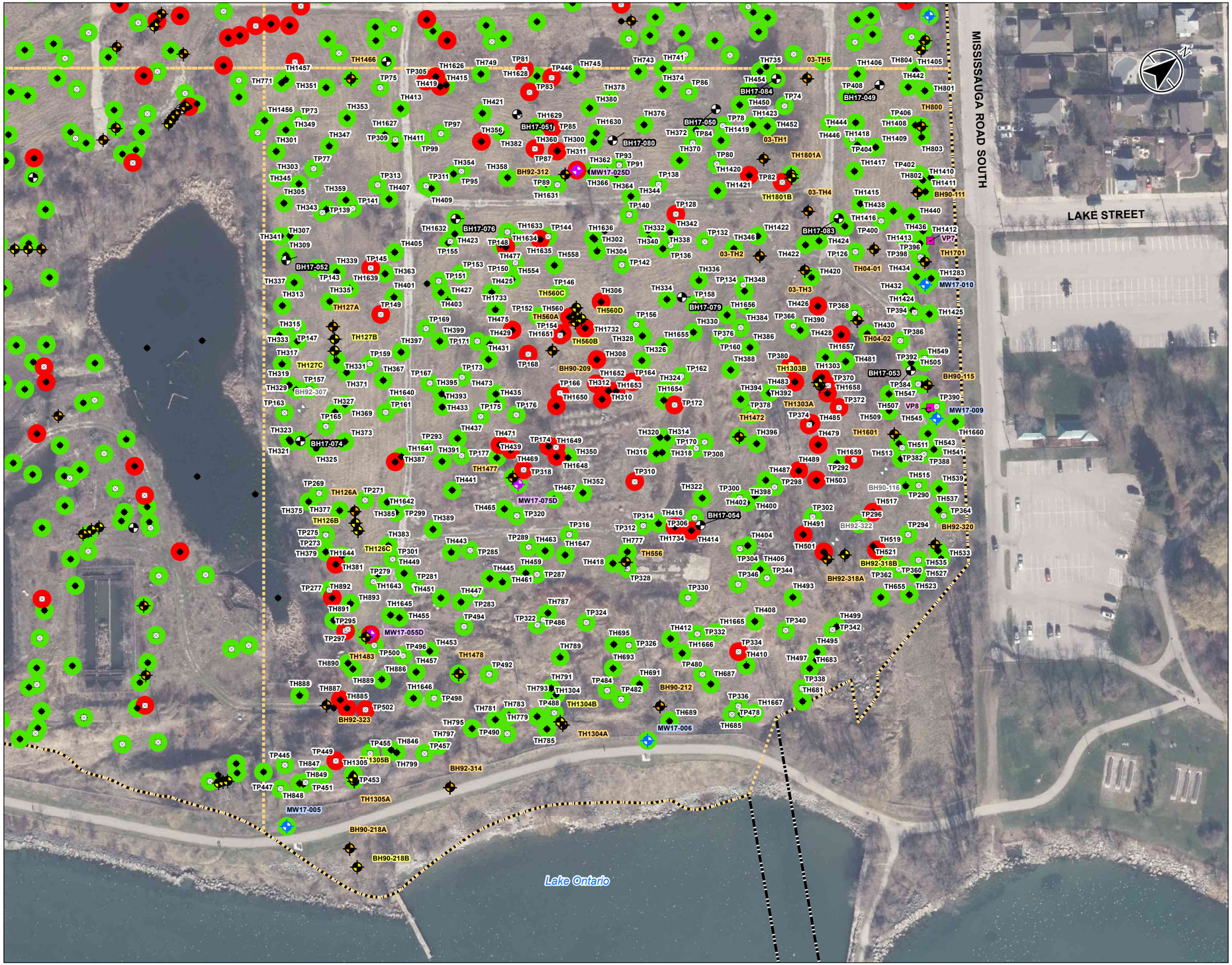
\\CA1224102\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase2 ESA Fig4b_4e_SitePlan SQ Results BTEX.mxd Revised: 2018-03-02 By: pmoser



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)
- 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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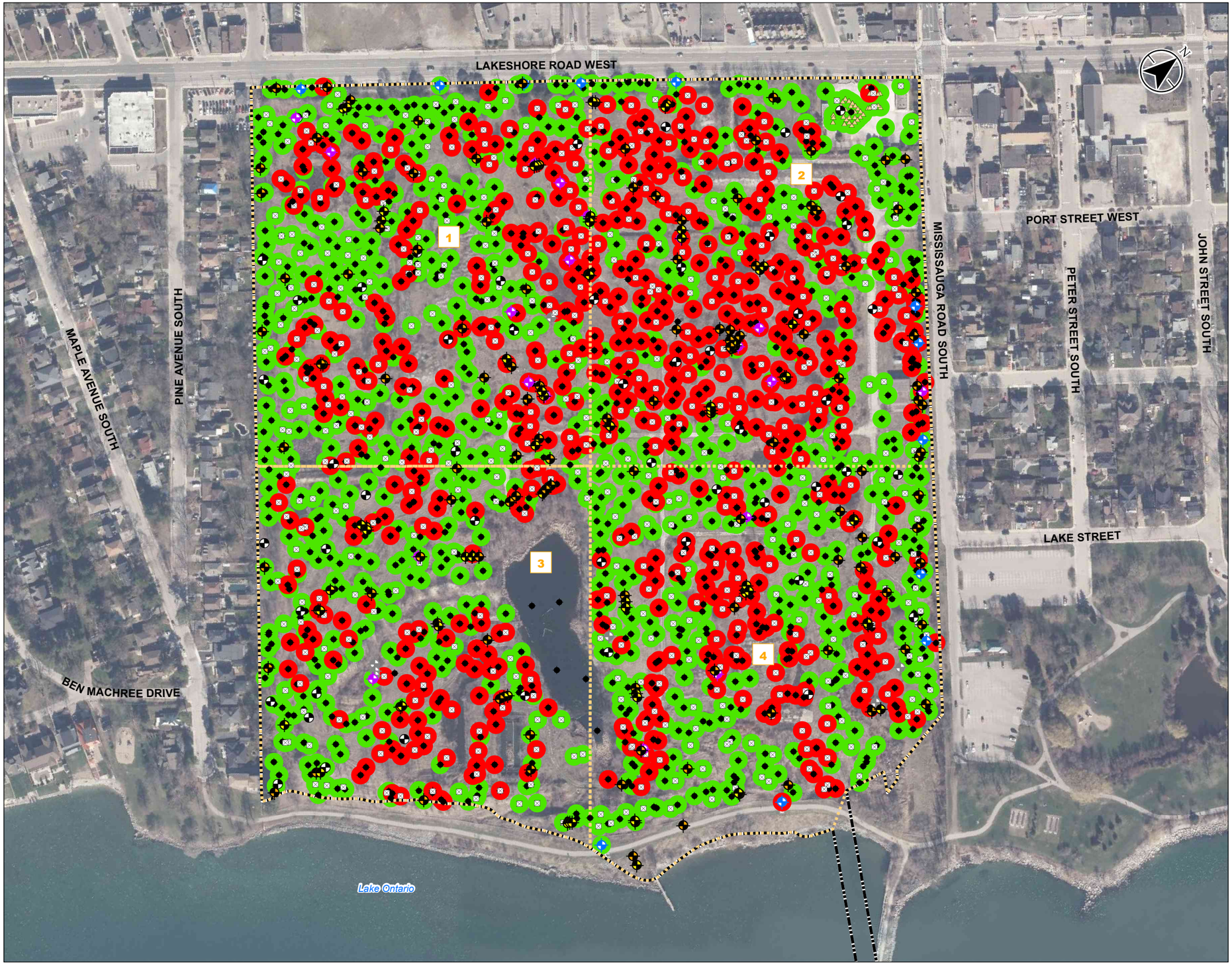

Stantec

- 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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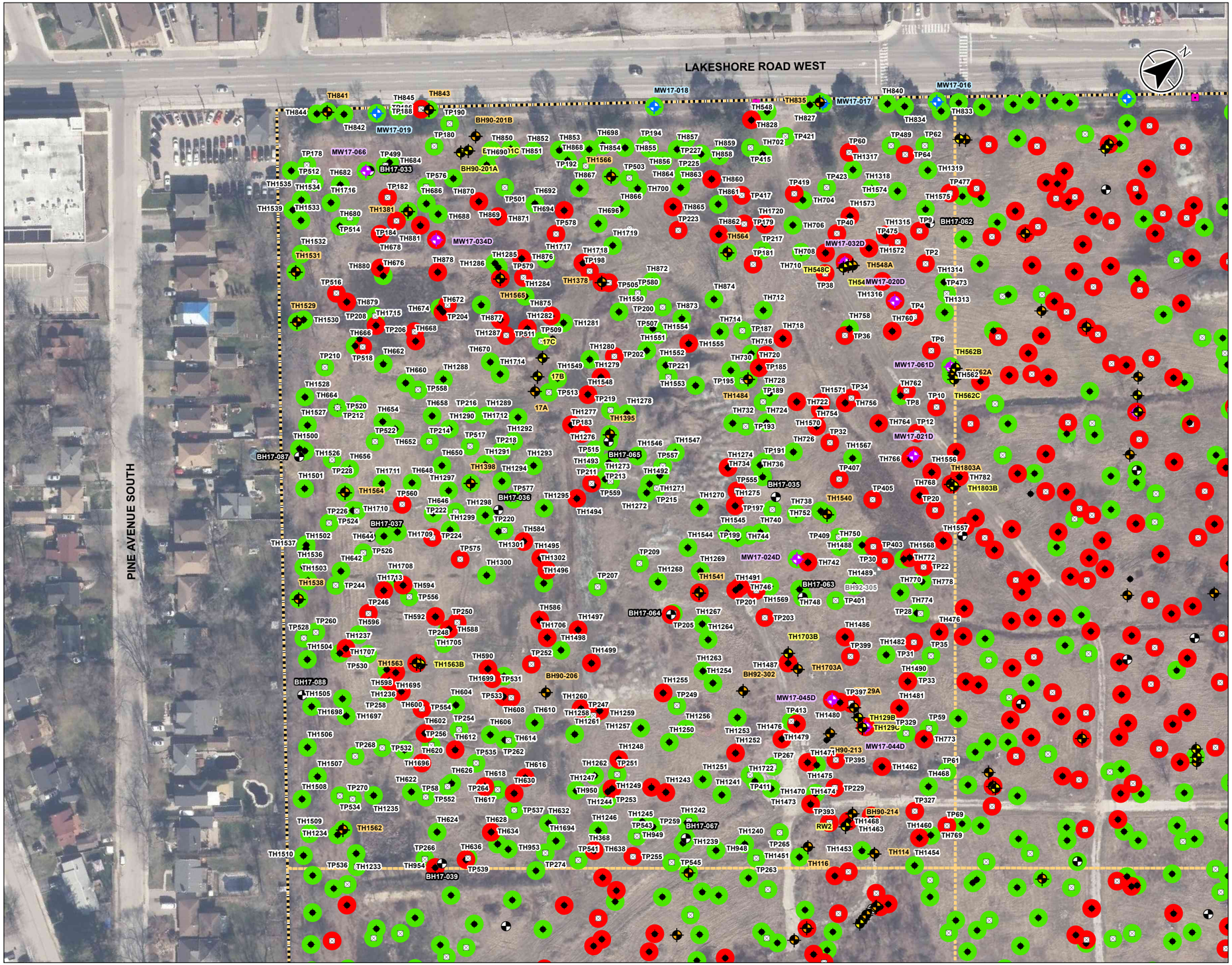

Stantec

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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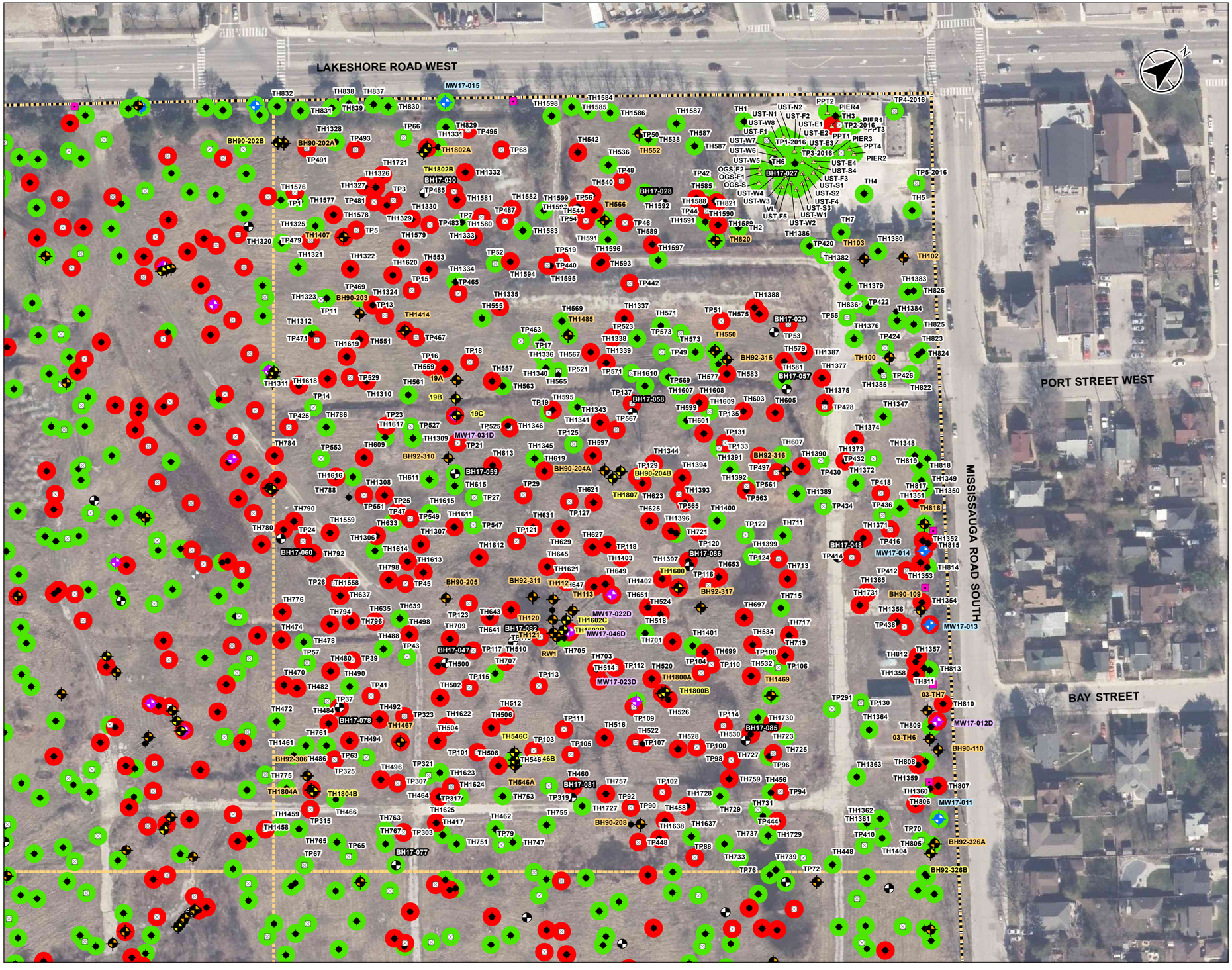

Stantec

- 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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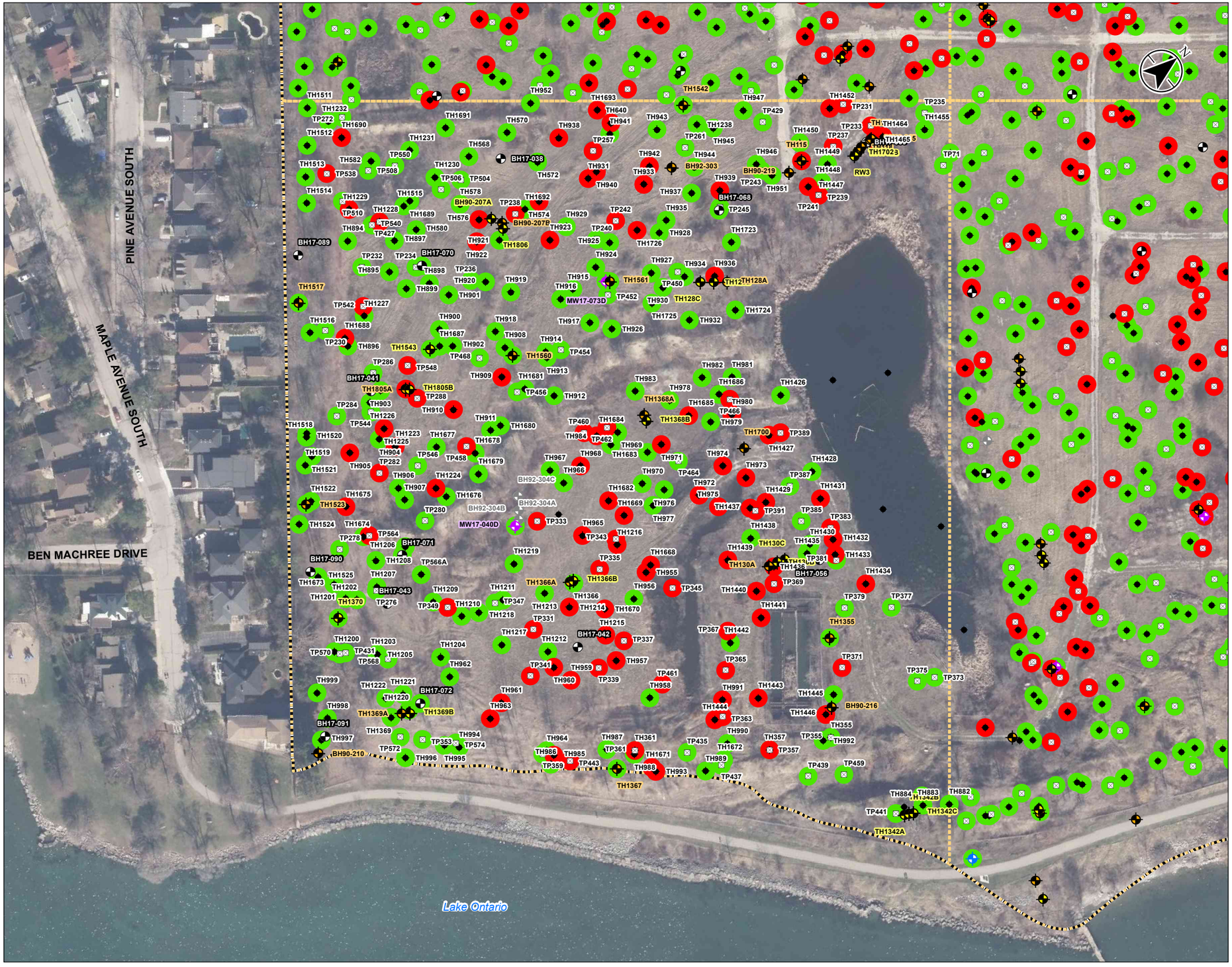

Stantec

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-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

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. 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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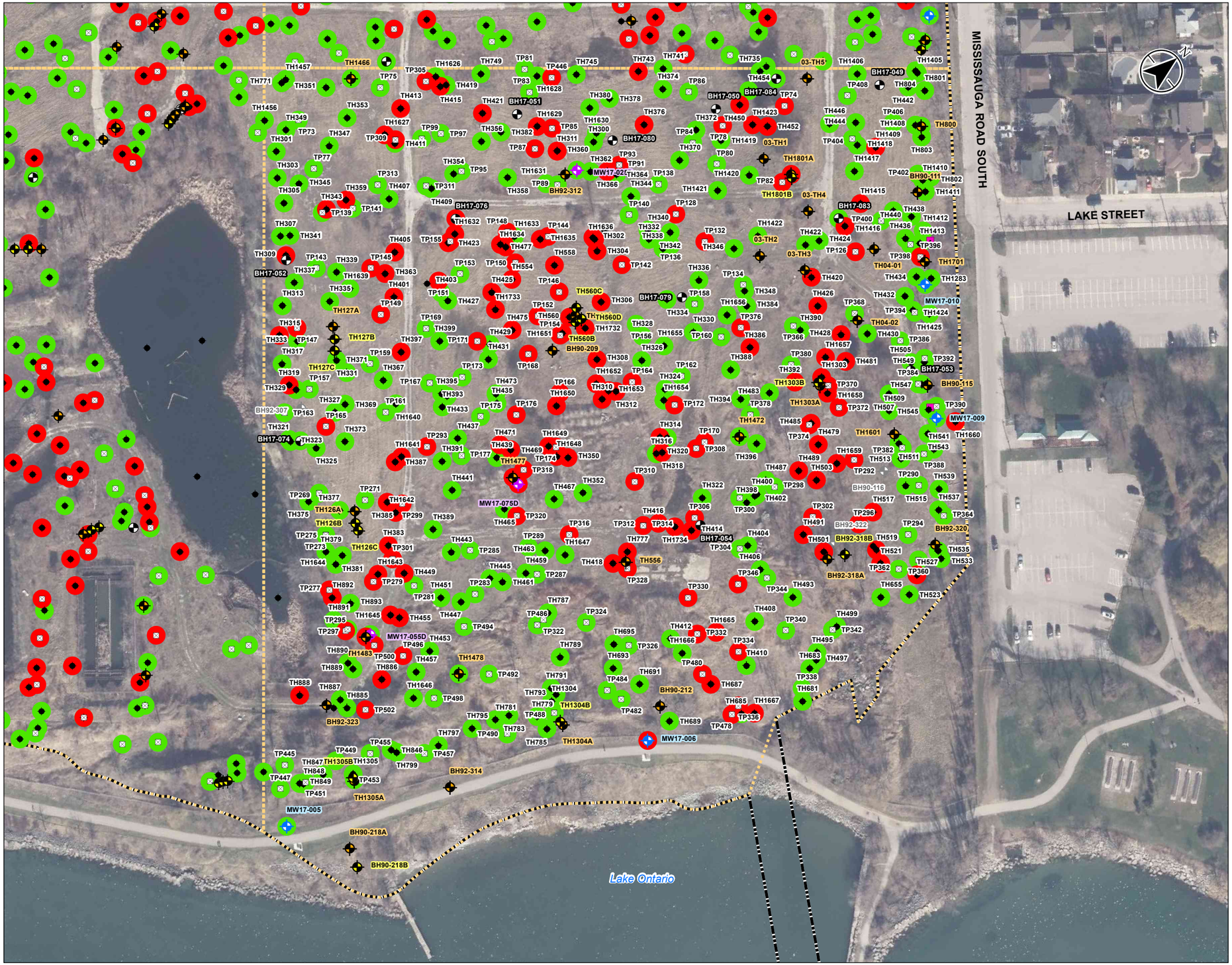

Stantec

- 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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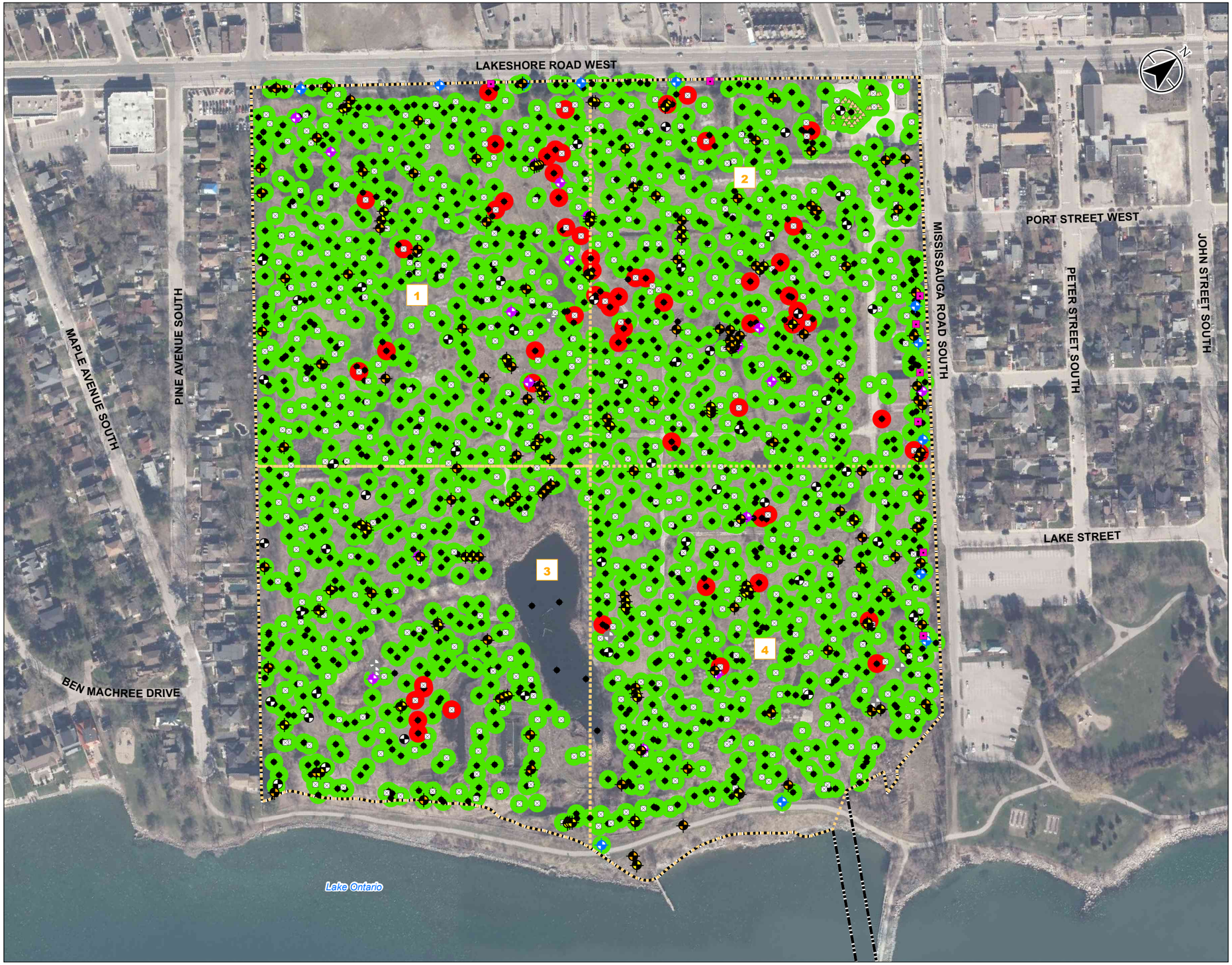

Stantec

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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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 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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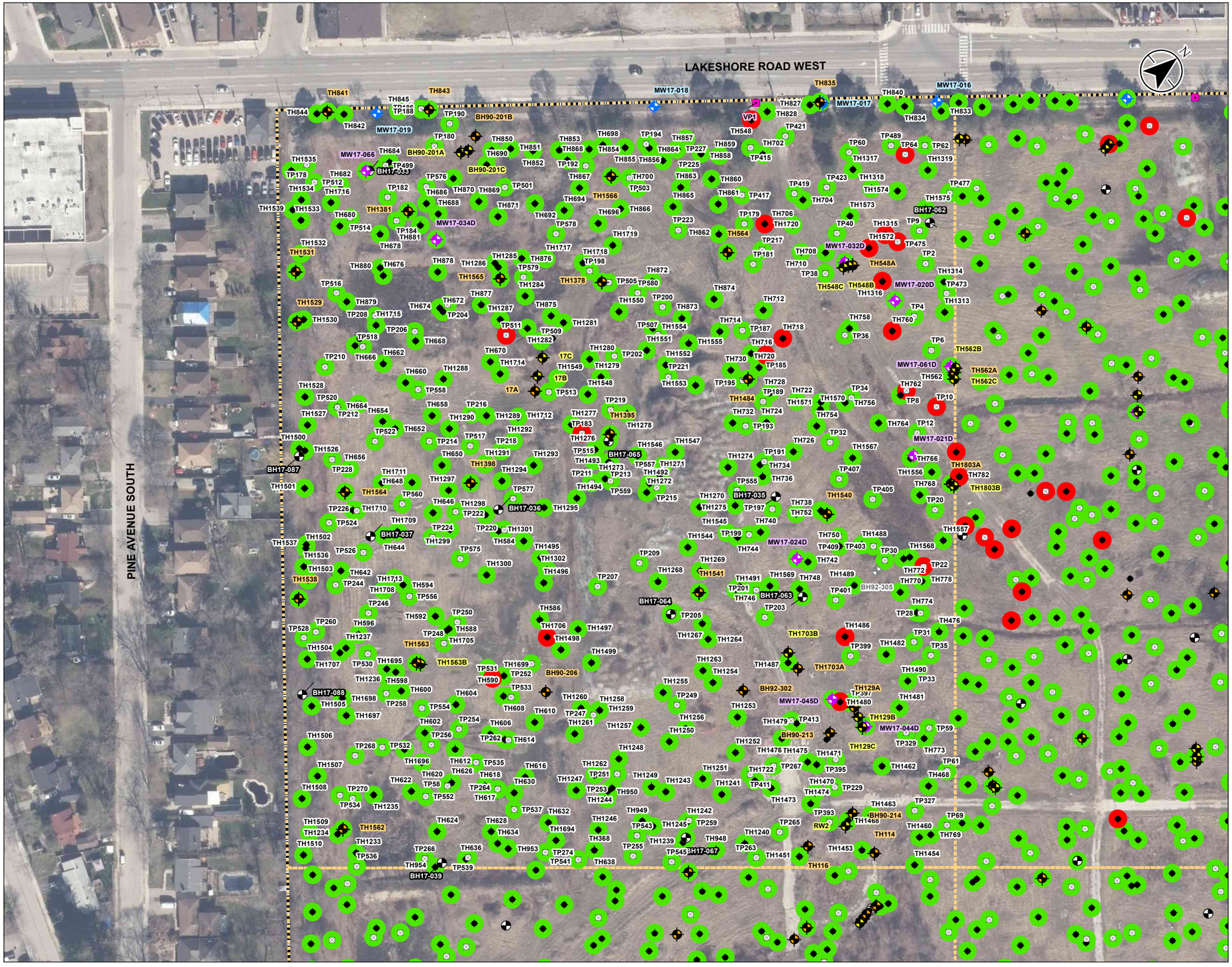

Stantec

- 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

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. 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.

6b

Title

Summary of Soil Analytical Results - VOCs - Quadrant 1

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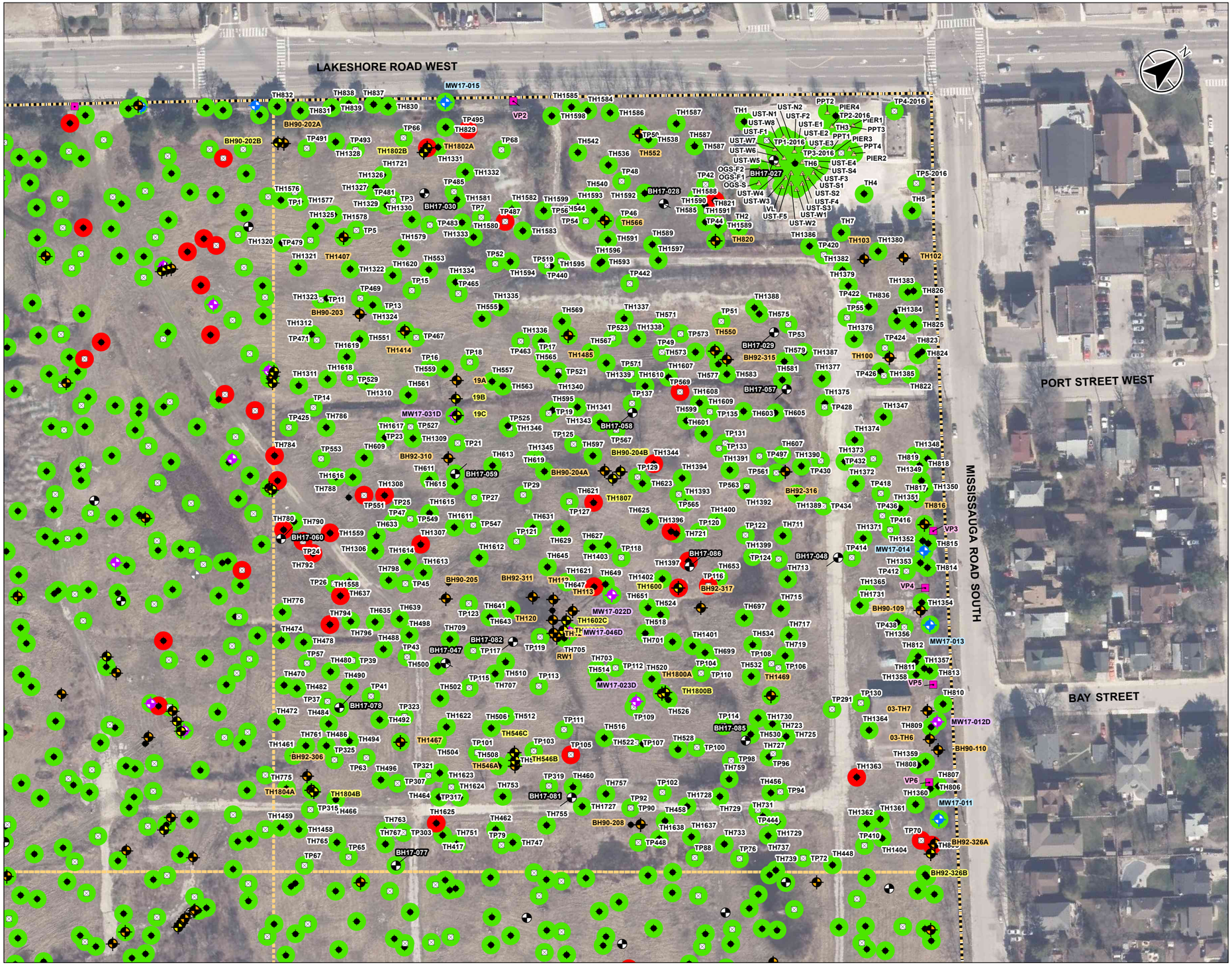

Stantec

- 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)
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.
6c

Title
Summary of Soil Analytical Results - VOCs - Quadrant 2

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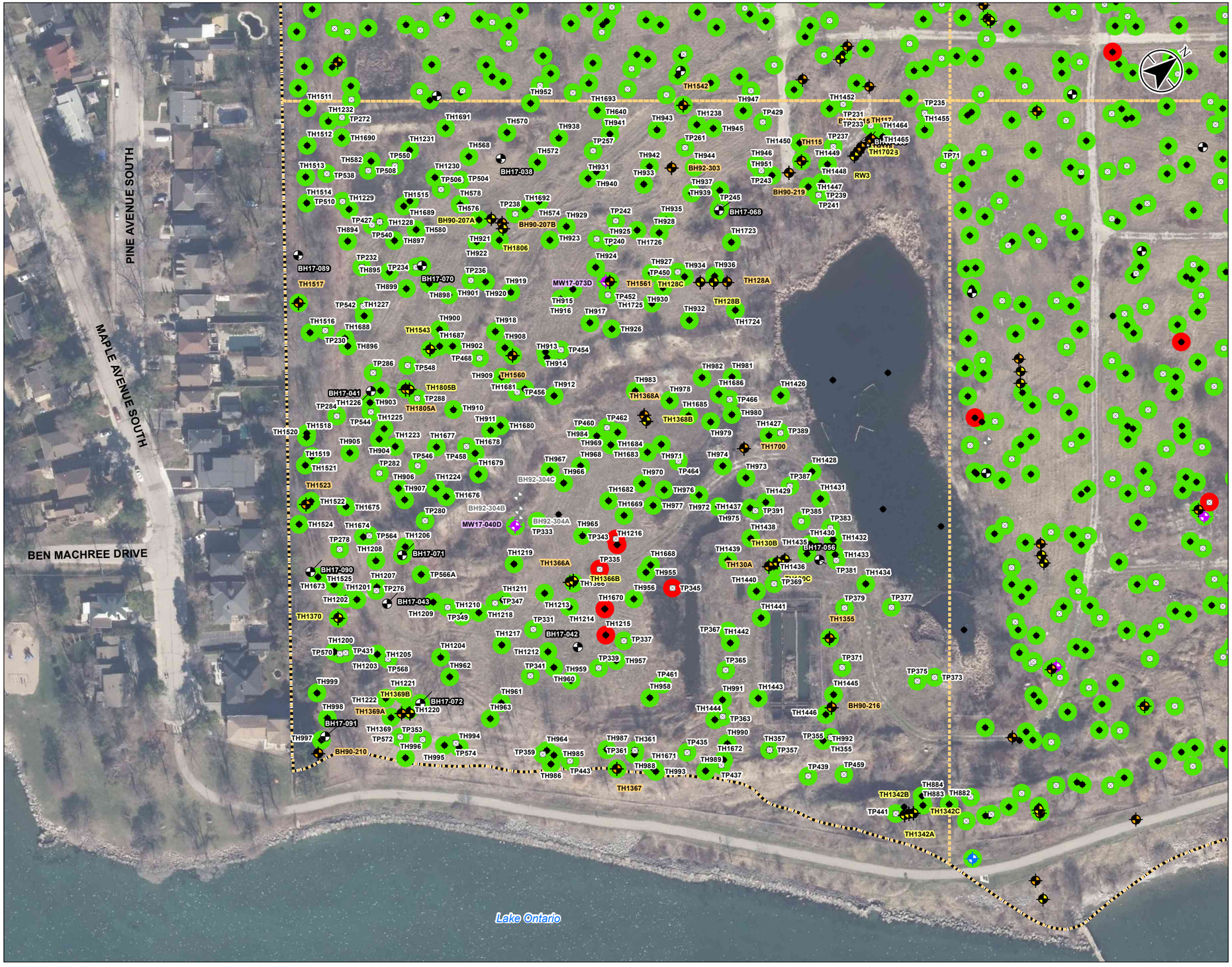

Stantec

- 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)
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O.Reg. 153/04 - Table 3 SCS	
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Dichlorobenzene, 1,4-	0.097
Dichloroethane, 1,2-	0.05
Dichloropropane, 1,2-	0.085
Ethylene Dibromide (Dibromoethane, 1,2-)	0.05
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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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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

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA_Figs6_6e SitePlan SO Results VOCs.mxd Revised: 2018-03-06 By: pmoser

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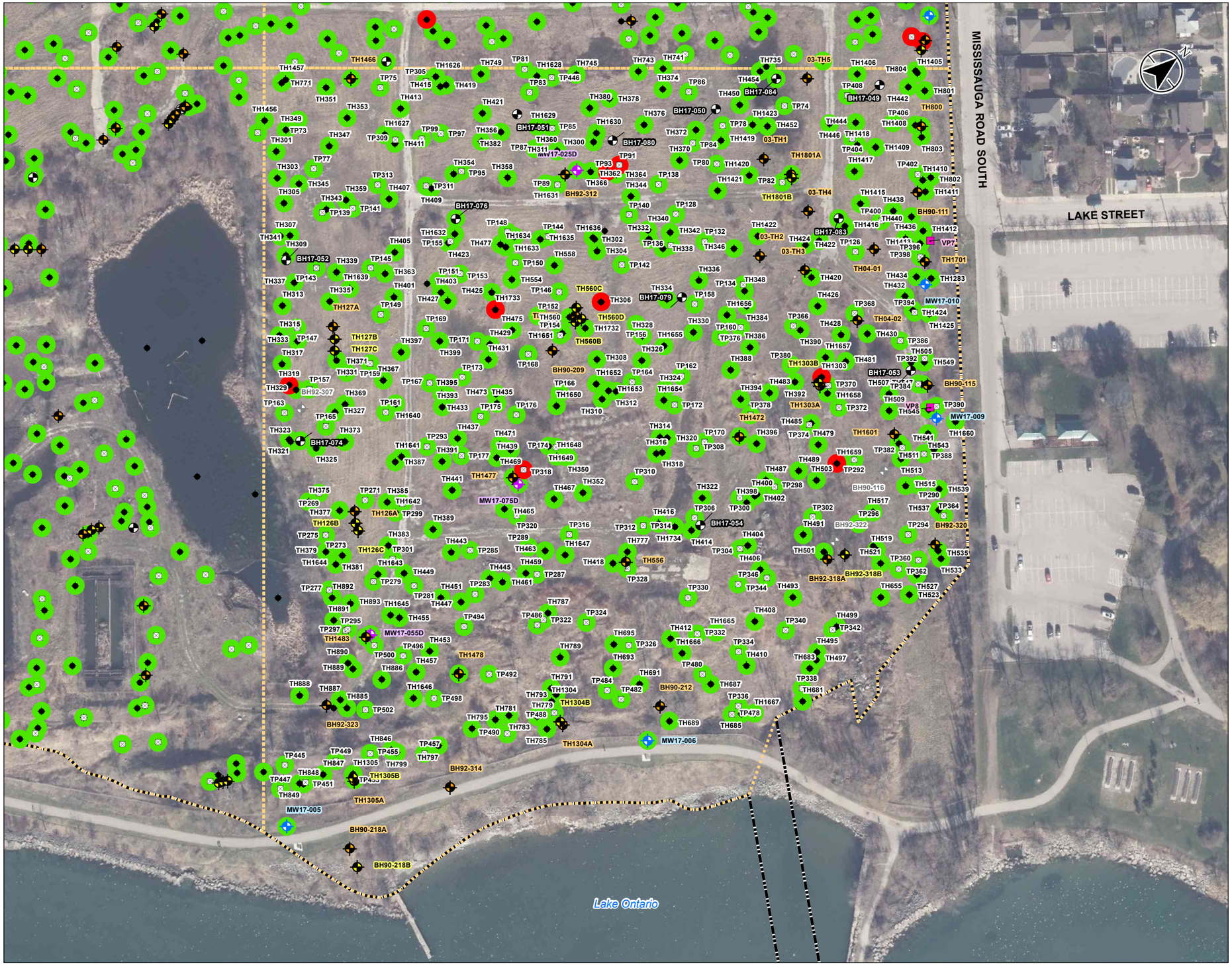

Stantec

- 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)
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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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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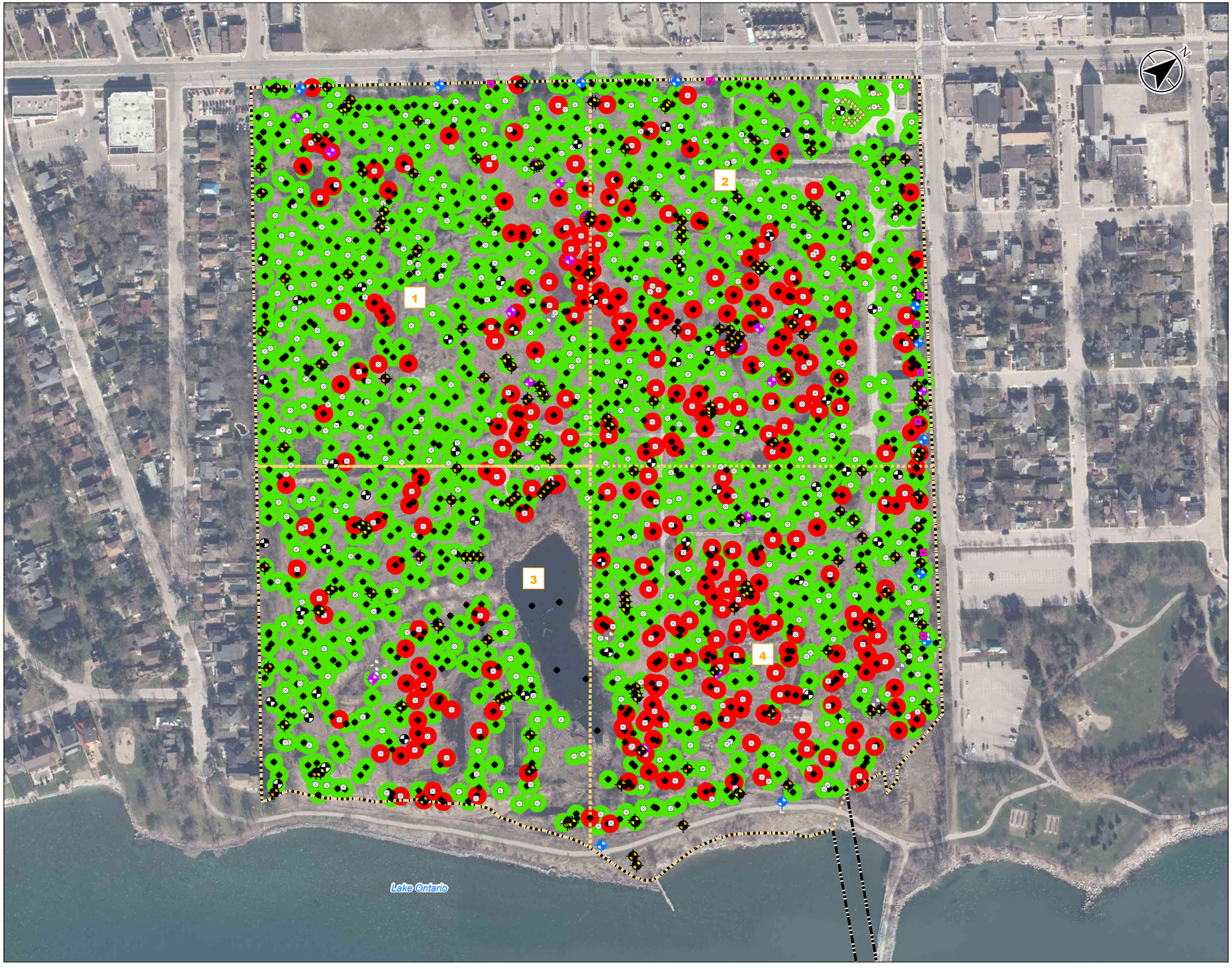

Stantec

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

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 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

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

Figure No.
7a

Title
Summary of Soil Analytical Results - PAHs

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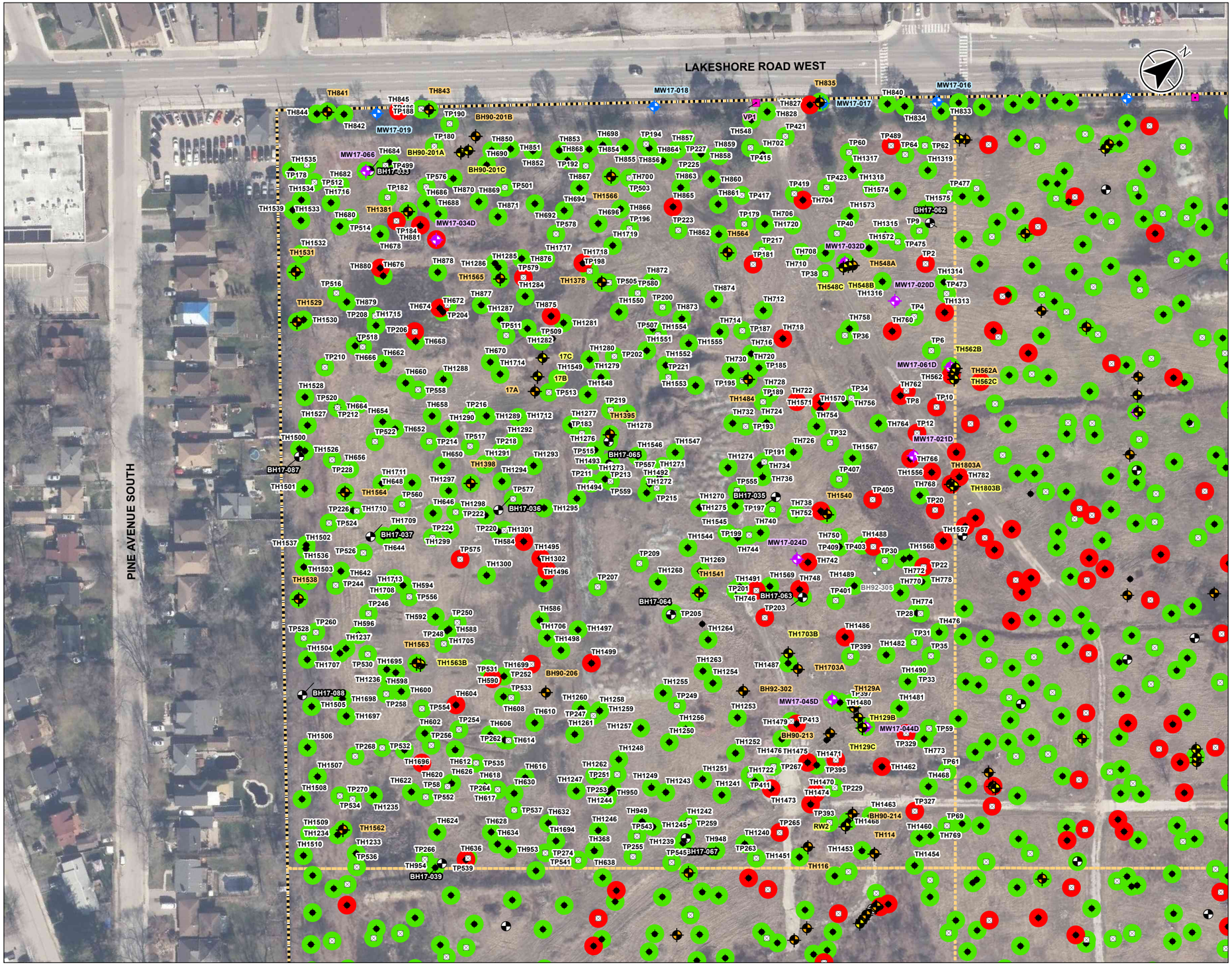

Stantec

- 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)
- 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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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

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

Figure No.

7b

Title

Summary of Soil Analytical Results - PAHs - Quadrant 1

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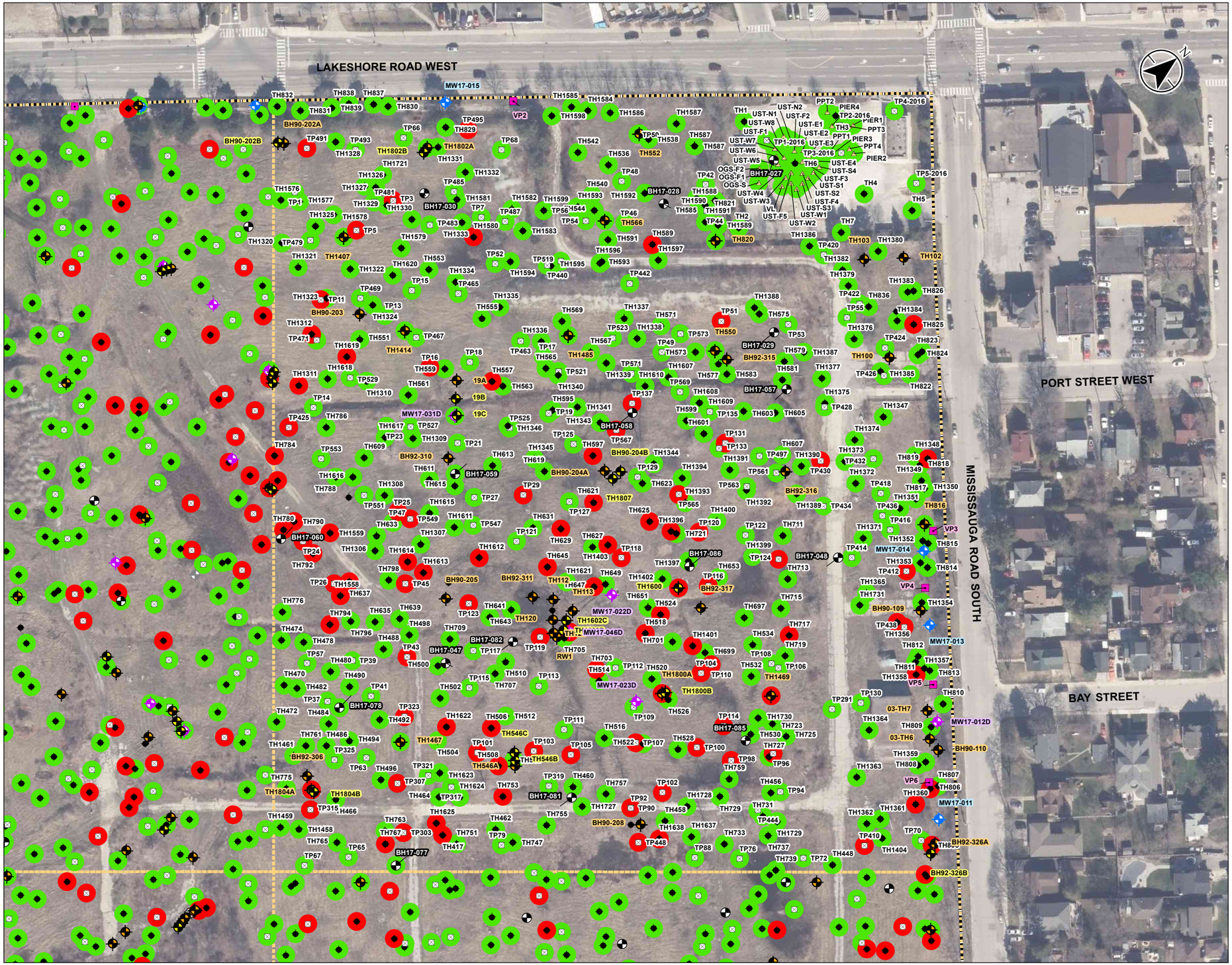

Stantec

- 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)
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

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

Figure No.
7c

Title
Summary of Soil Analytical Results - PAHs - Quadrant 2

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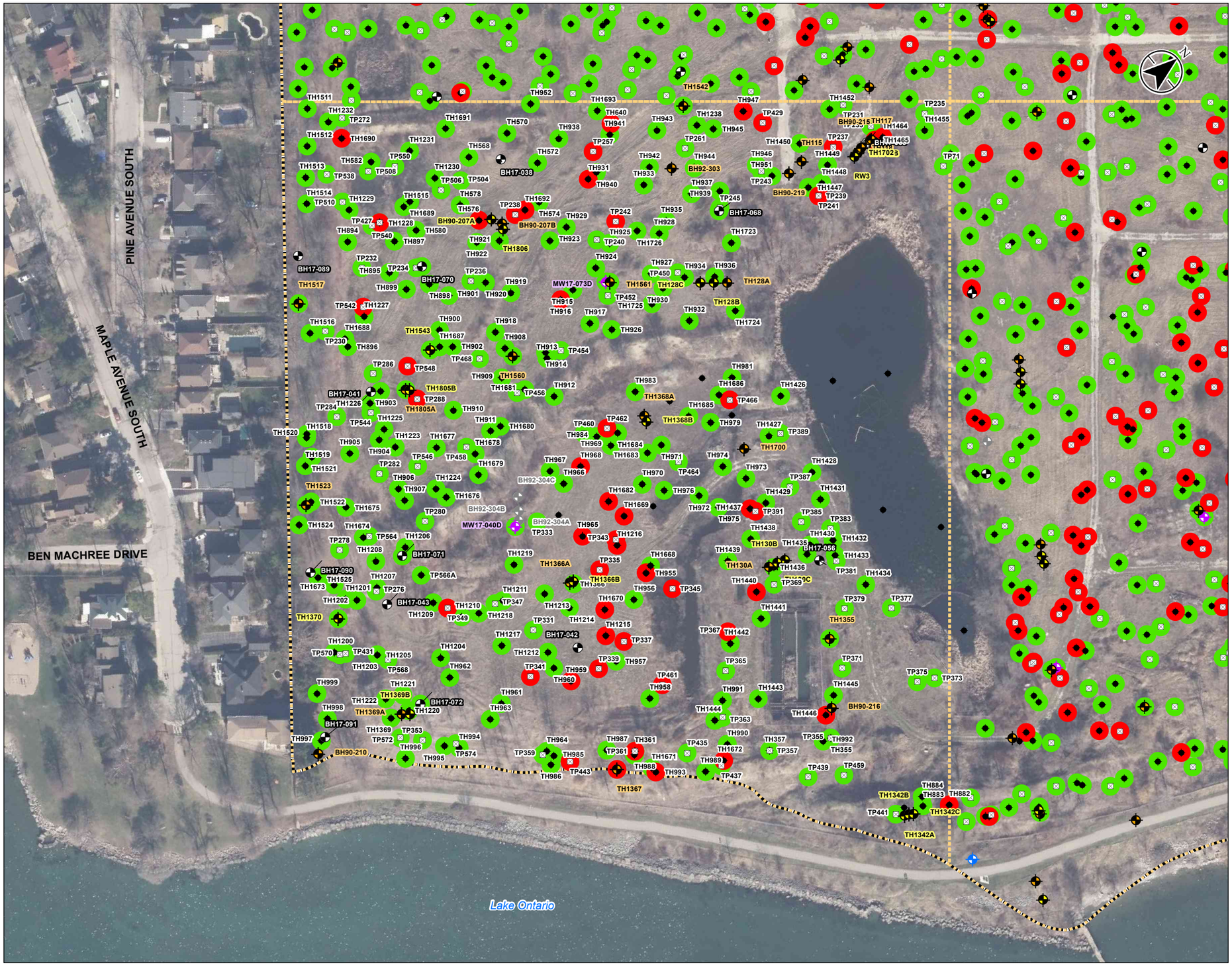

Stantec

- 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)

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Anthracene	0.74
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Benzo(g,h,i)perylene	7.8
Benzo(k)fluoranthene	0.78
Chrysene	7.8
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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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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
Port Credit West Village Partners Inc.
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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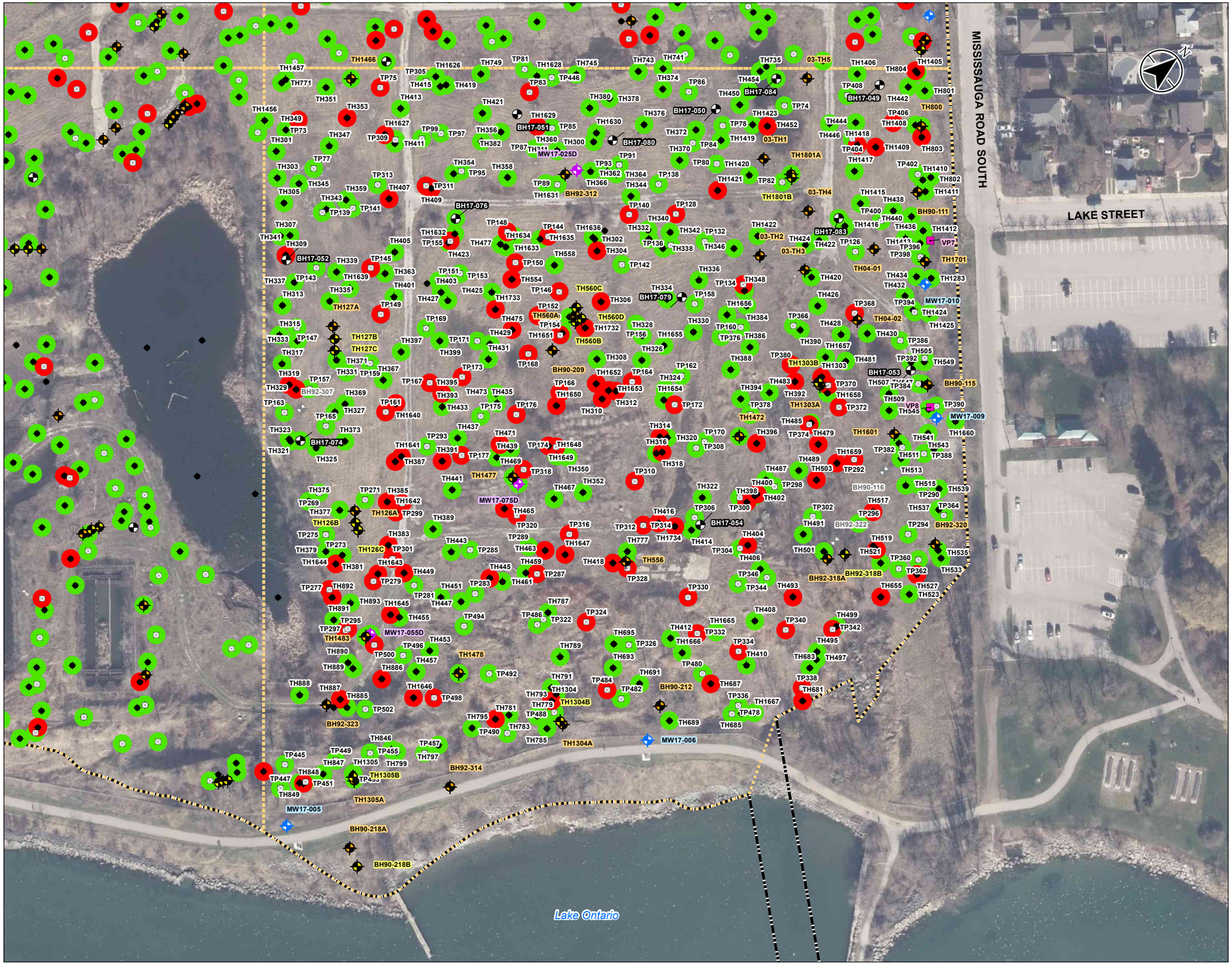

Stantec

- 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)
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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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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

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

Figure No.

7e

Title

Summary of Soil Analytical Results - PAHs - Quadrant 4

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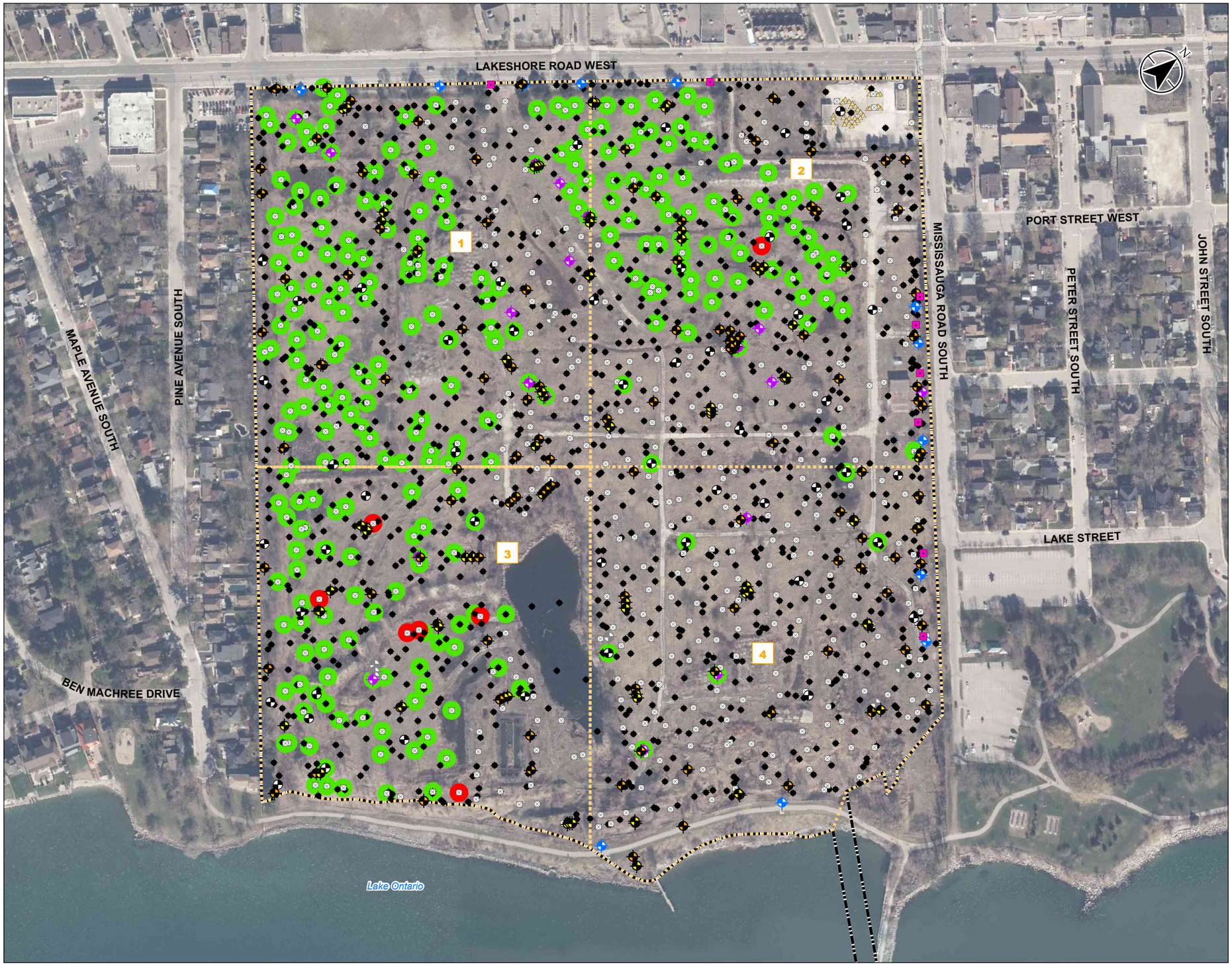

Stantec

- 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

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 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
Port Credit West Village Partners Inc.
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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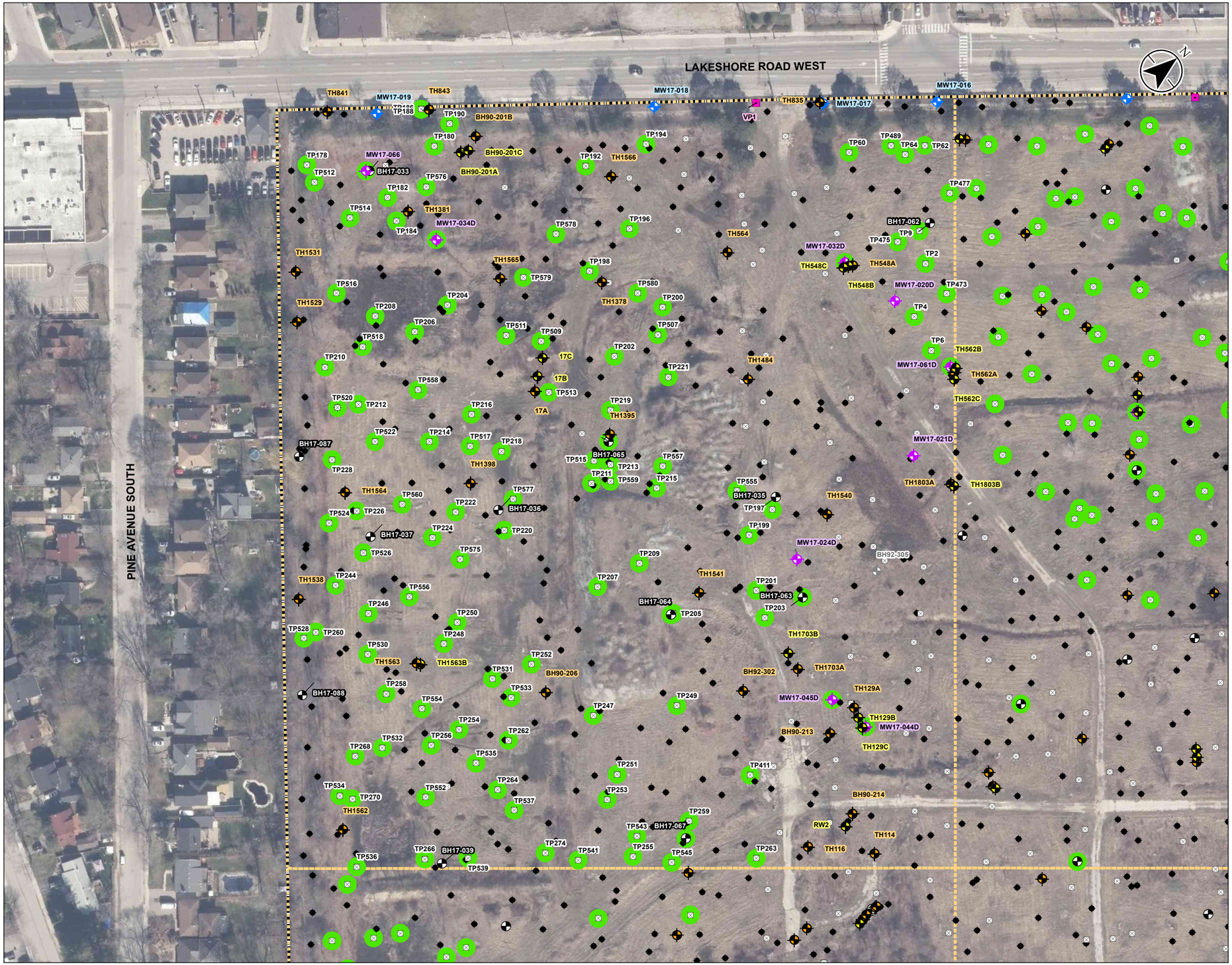

Stantec

- 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

Client/Project

Port Credit West Village Partners Inc.
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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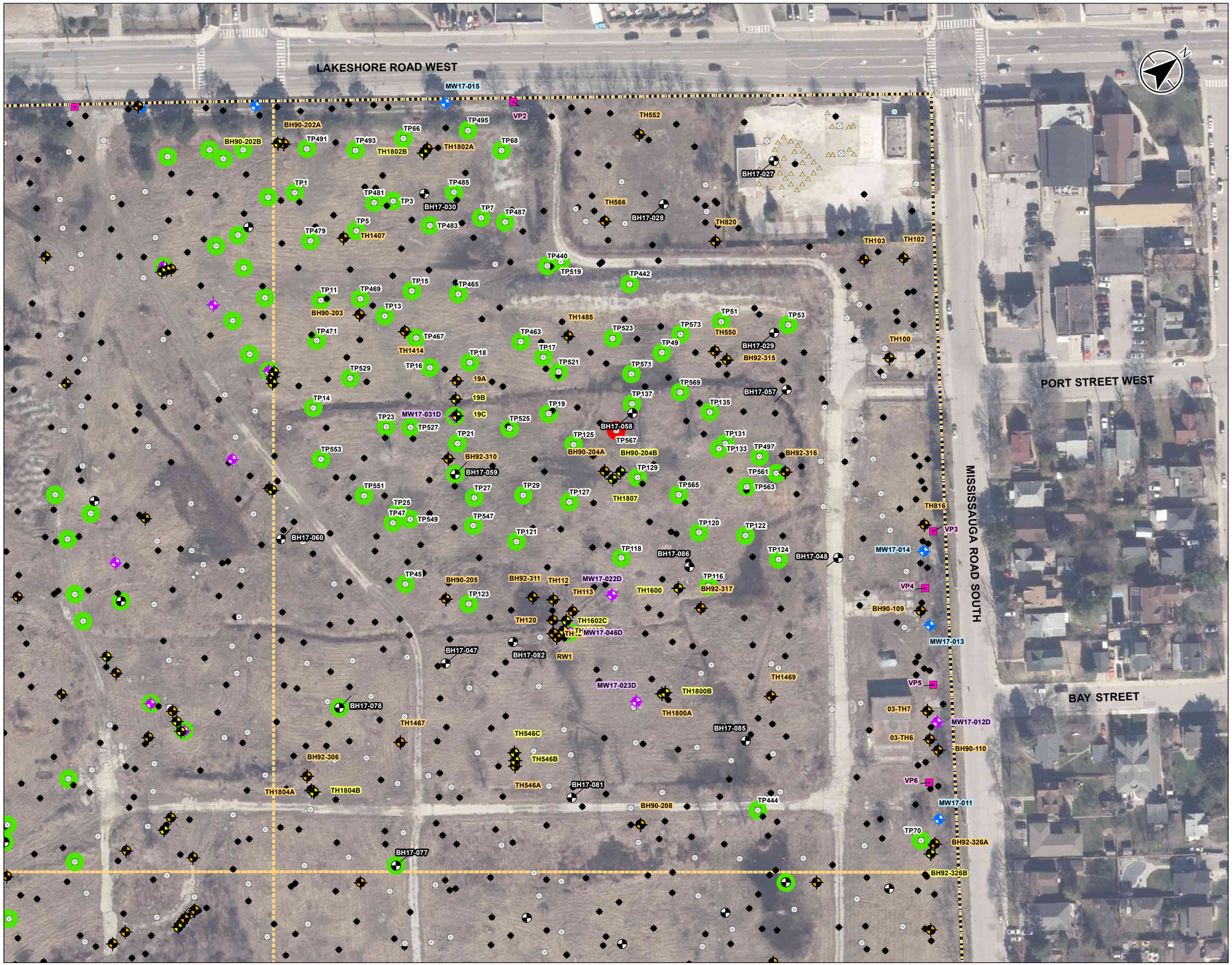

Stantec

- 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

Client/Project
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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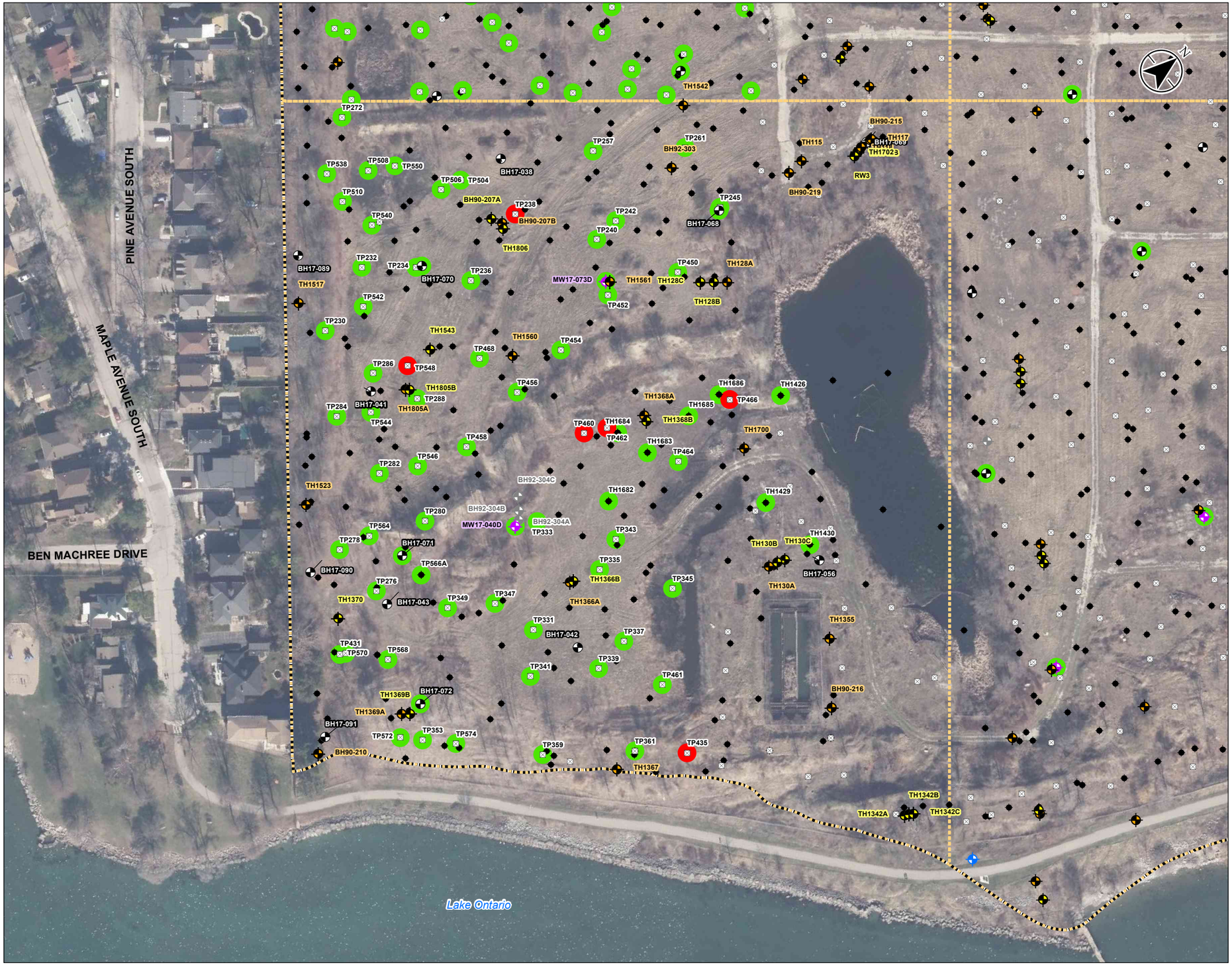

Stantec

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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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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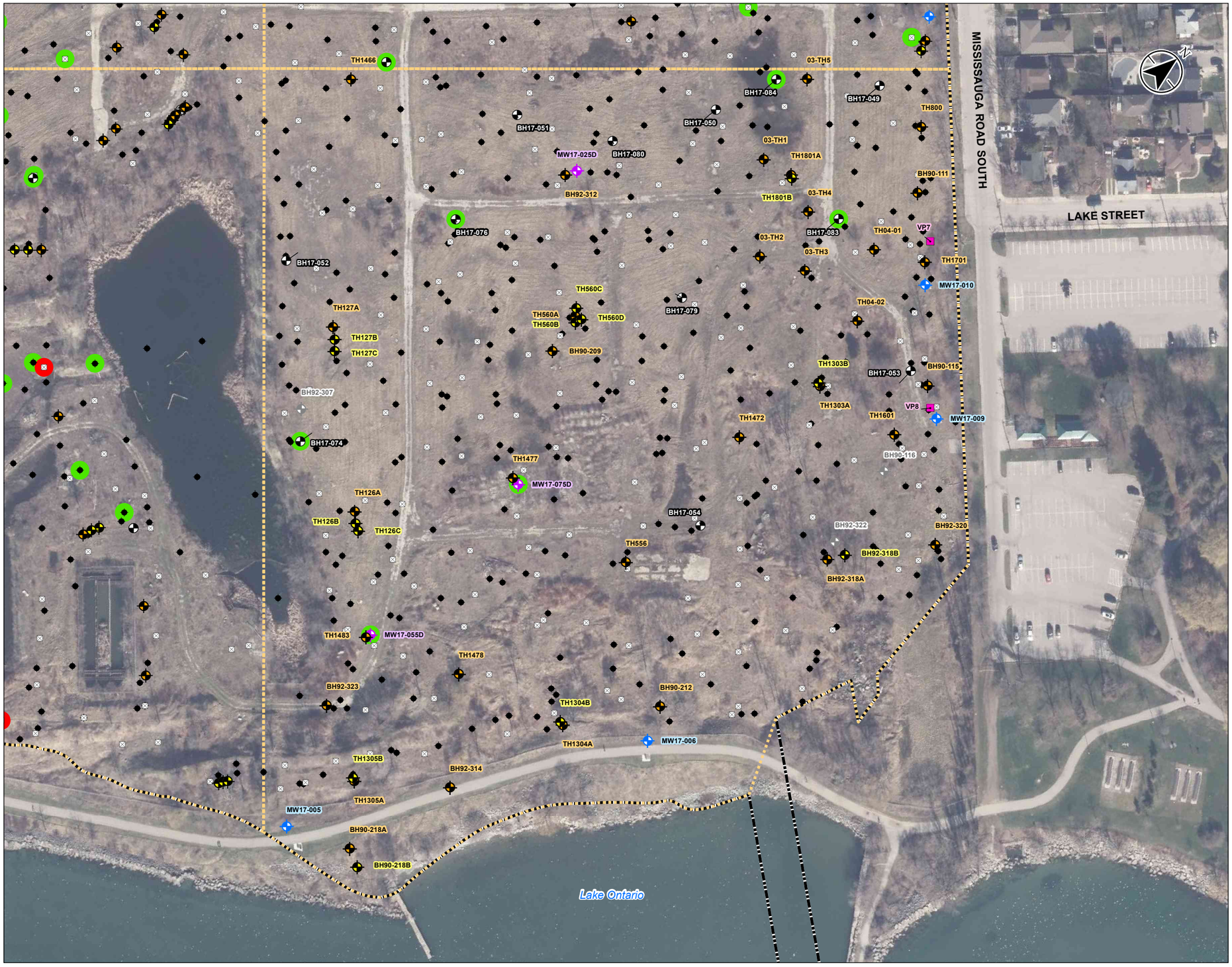

Stantec

- 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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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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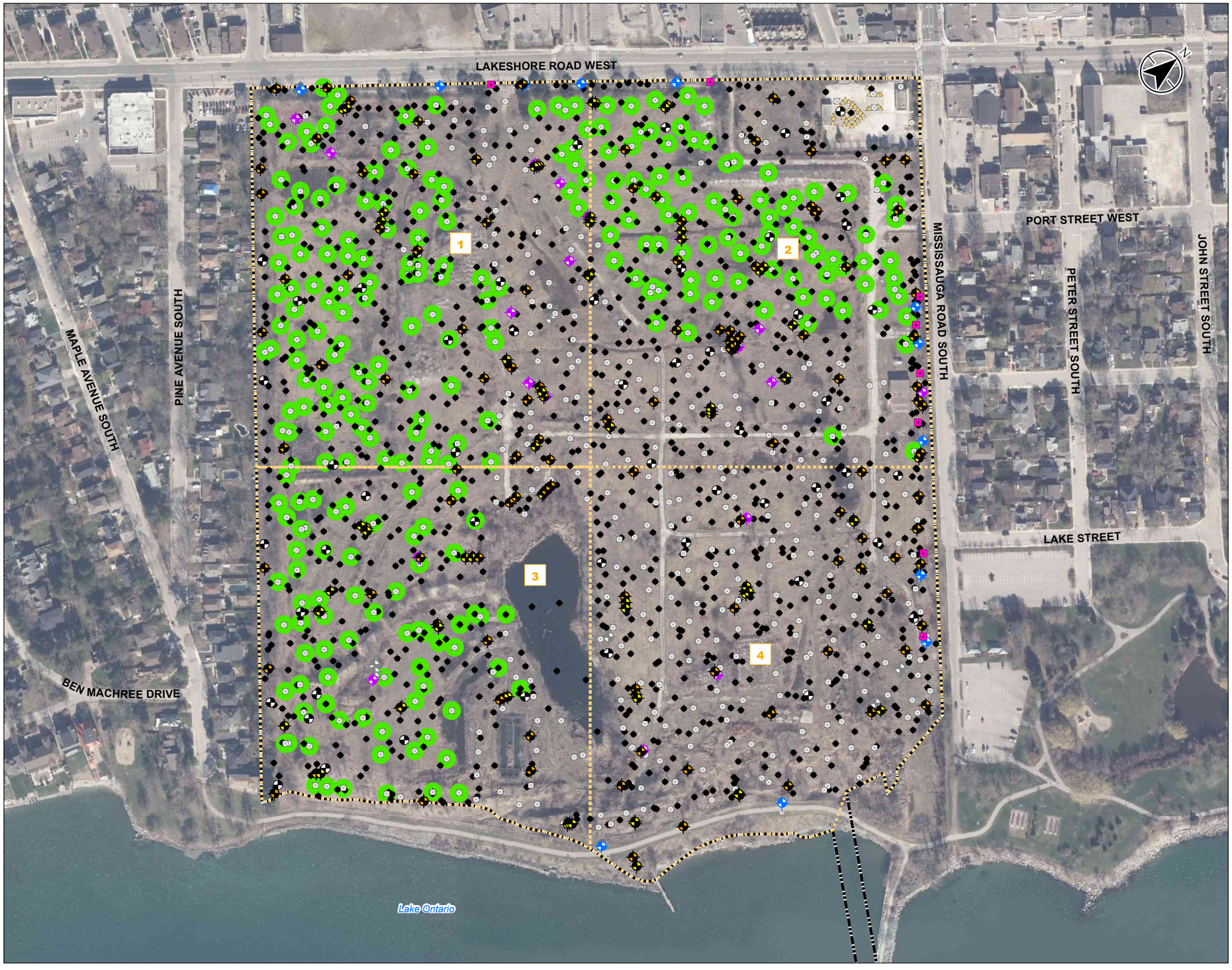

Stantec

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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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

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_PhaseII_ESA_Fig9a_SitePlan_SO_Results_CPs.mxd Revised: 2018-03-02 By: pmoser

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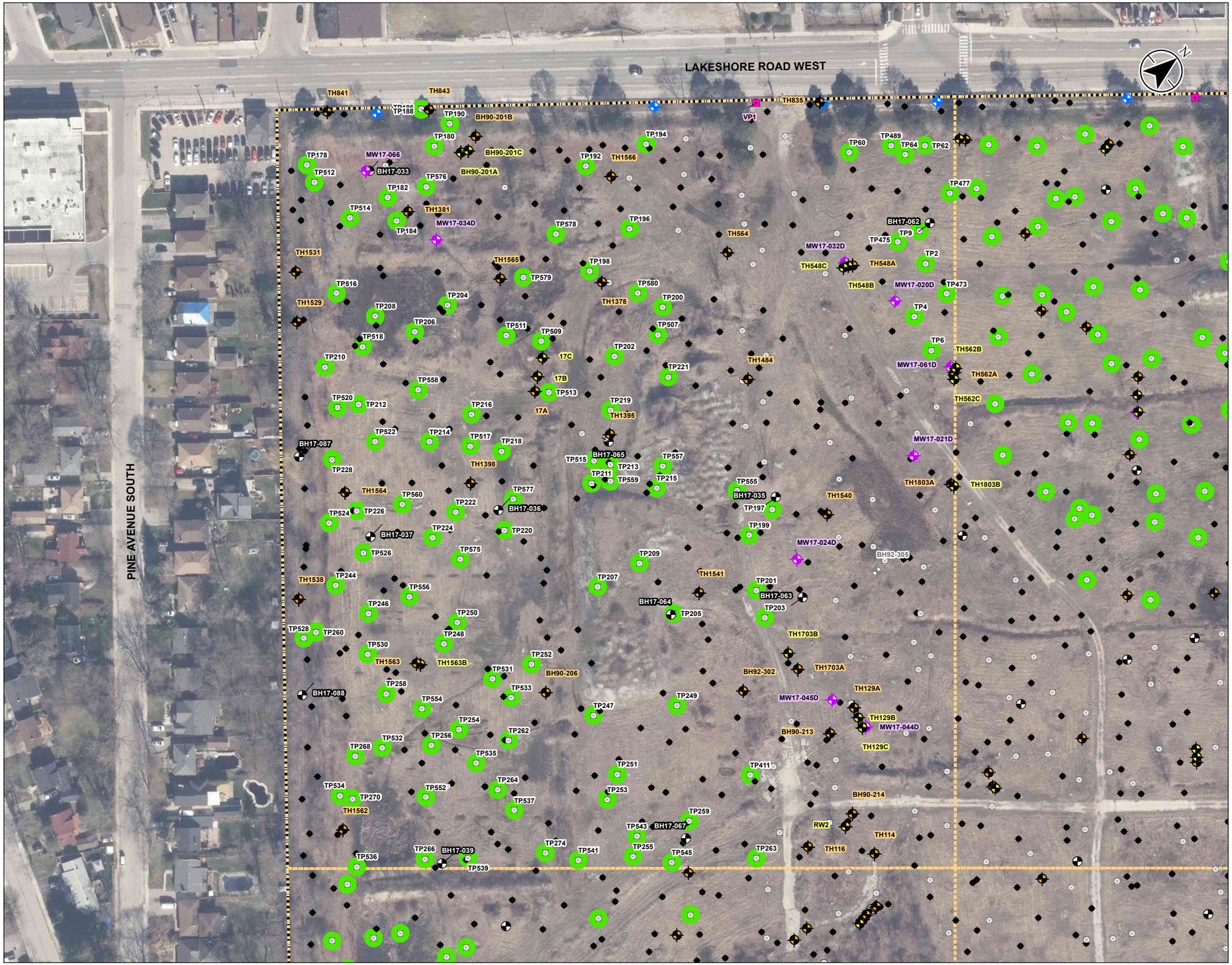

Stantec

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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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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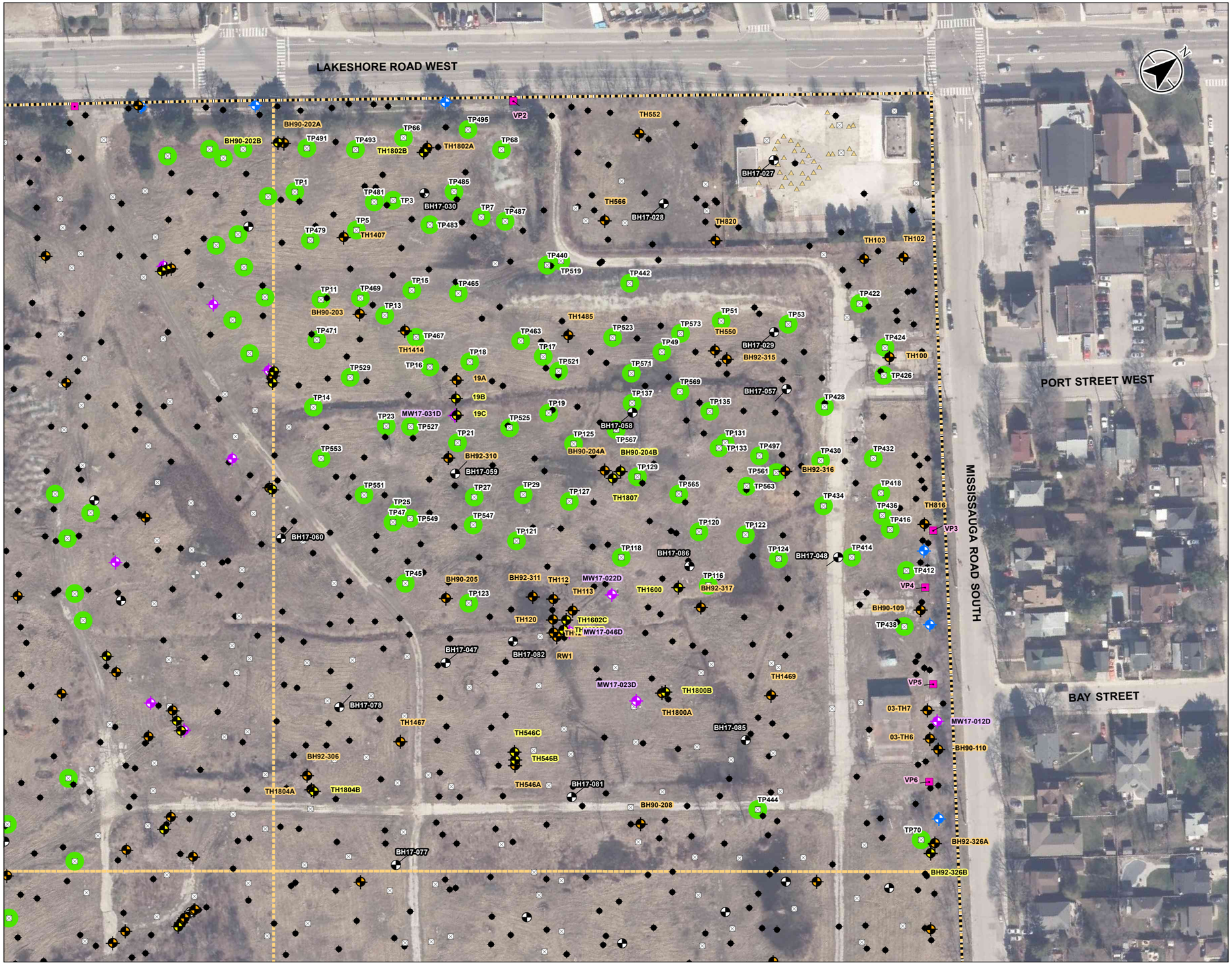

Stantec

- 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

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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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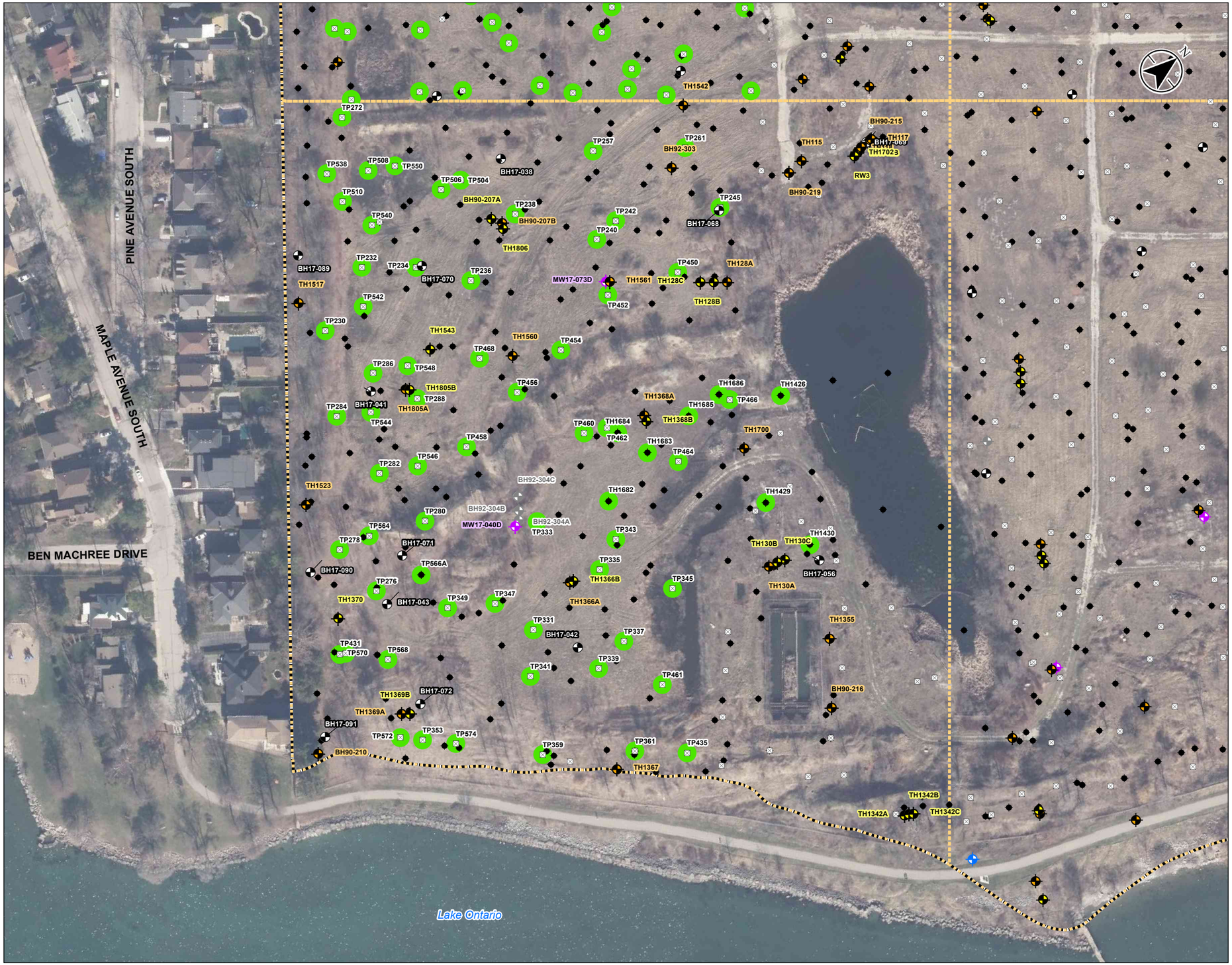

Stantec

- 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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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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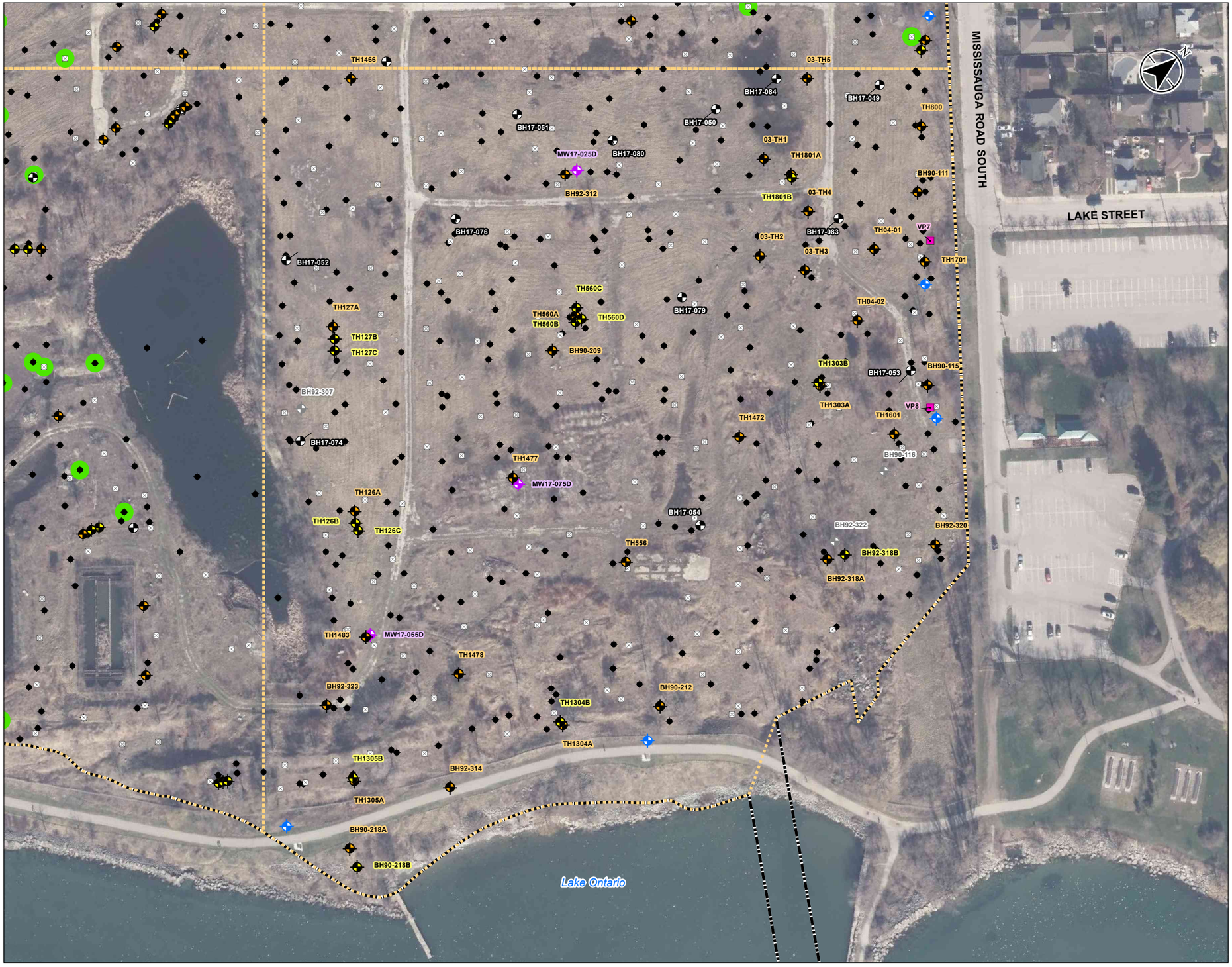

Stantec

- 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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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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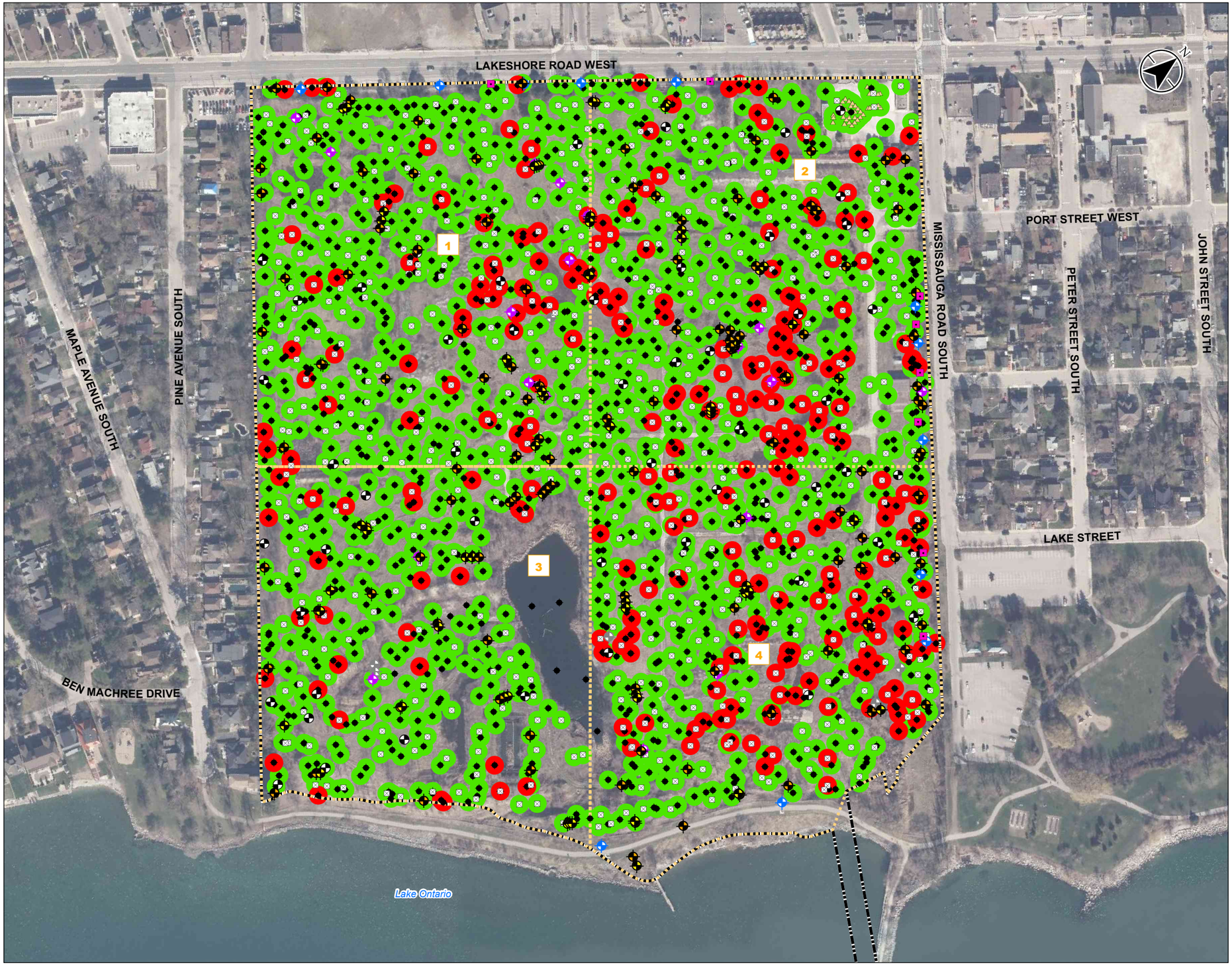

Stantec

- 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

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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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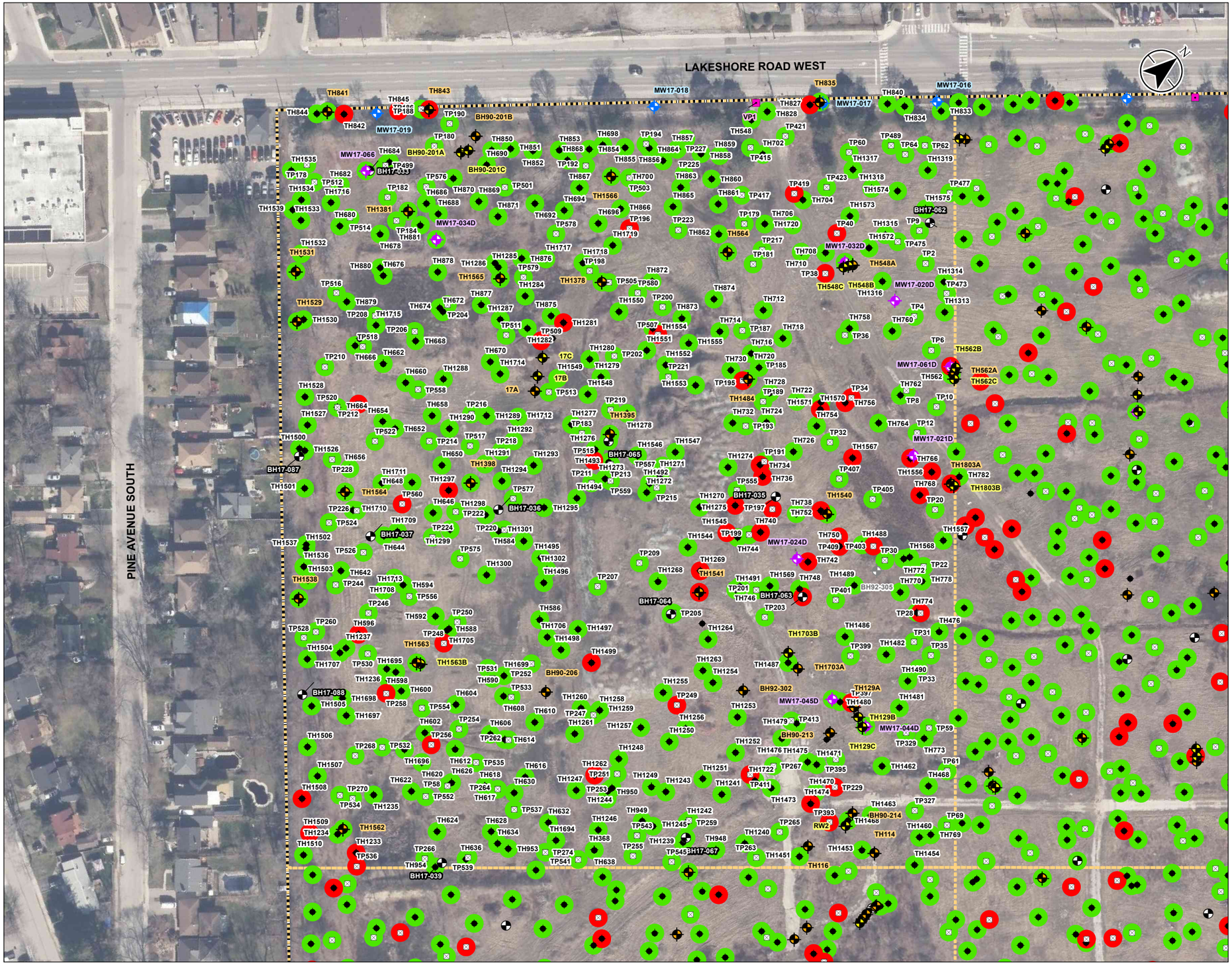

Stantec

- 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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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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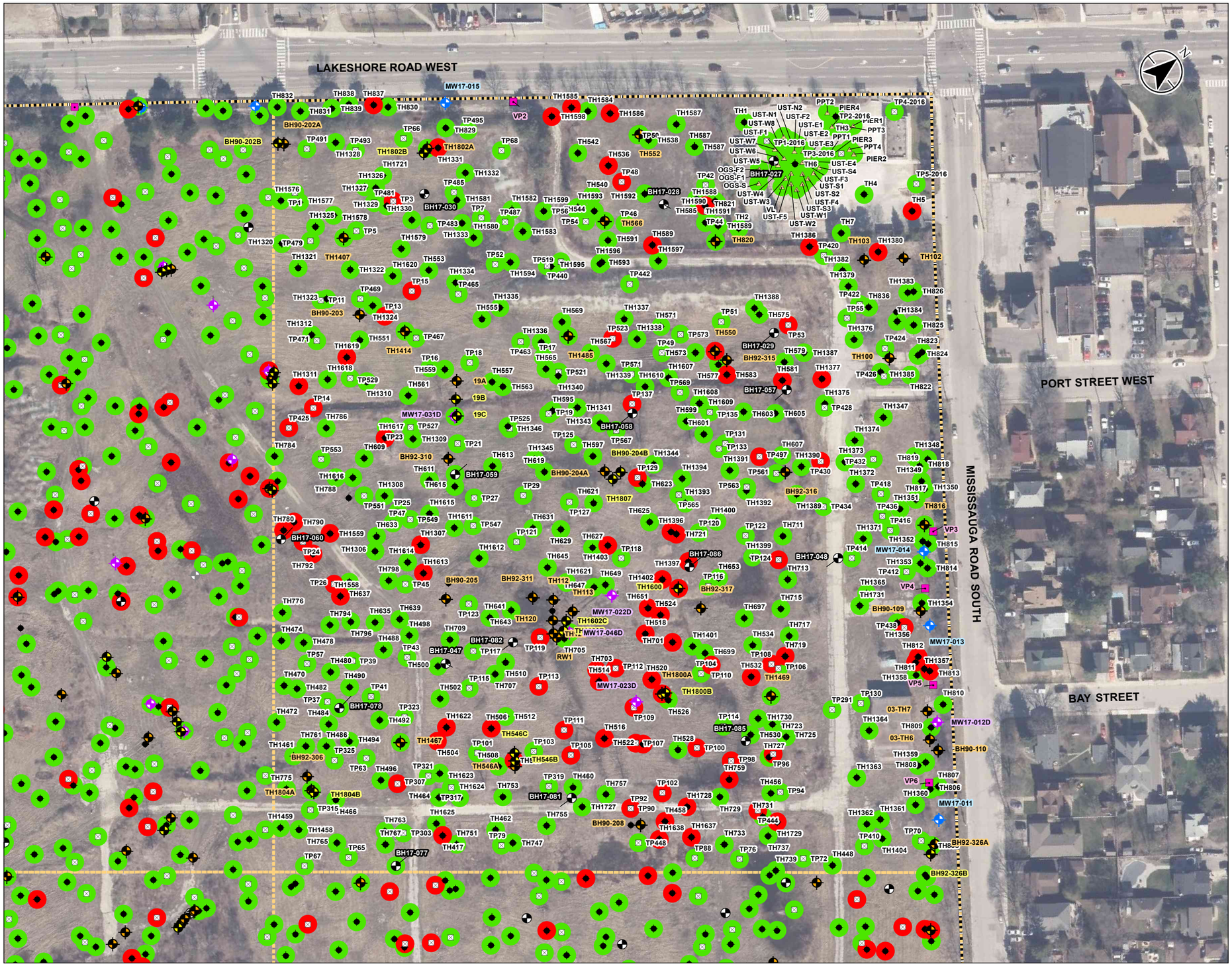

Stantec

- 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

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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 2018-03-01
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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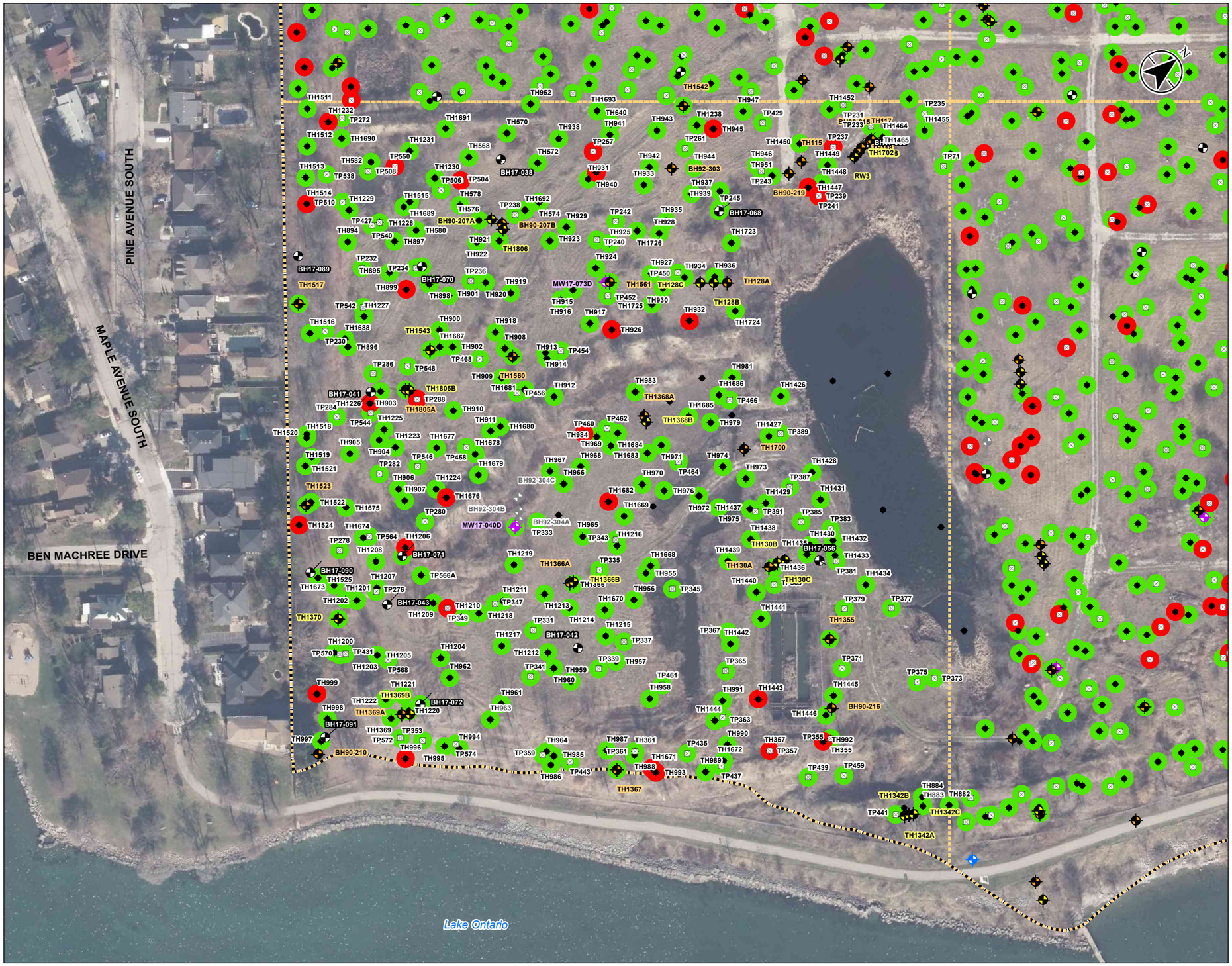

Stantec

- 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)
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

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.

10d

Title

Summary of Soil Analytical Results - Metals - Quadrant 3

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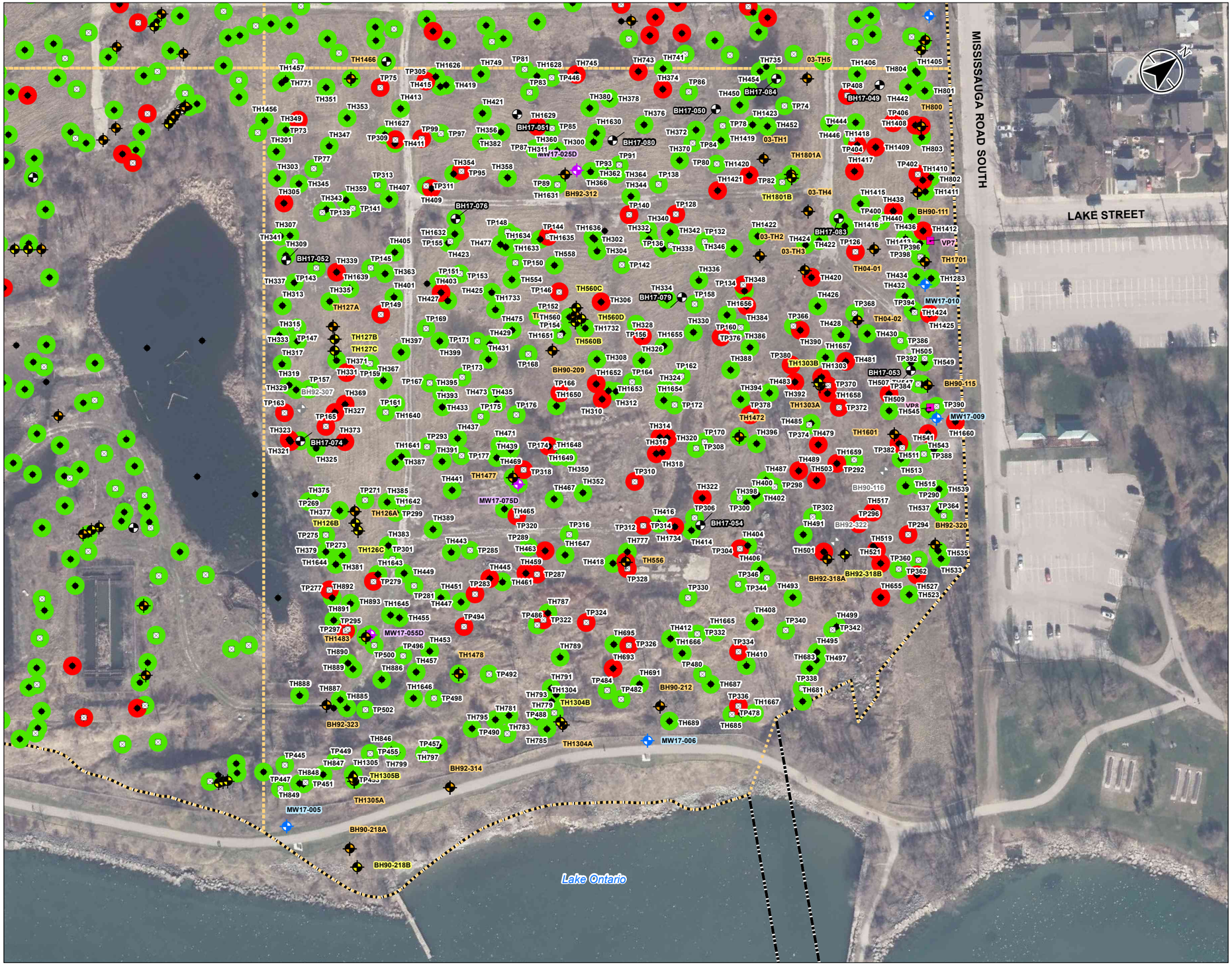

Stantec

- 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)
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.

10e

Title

Summary of Soil Analytical Results - Metals - Quadrant 4

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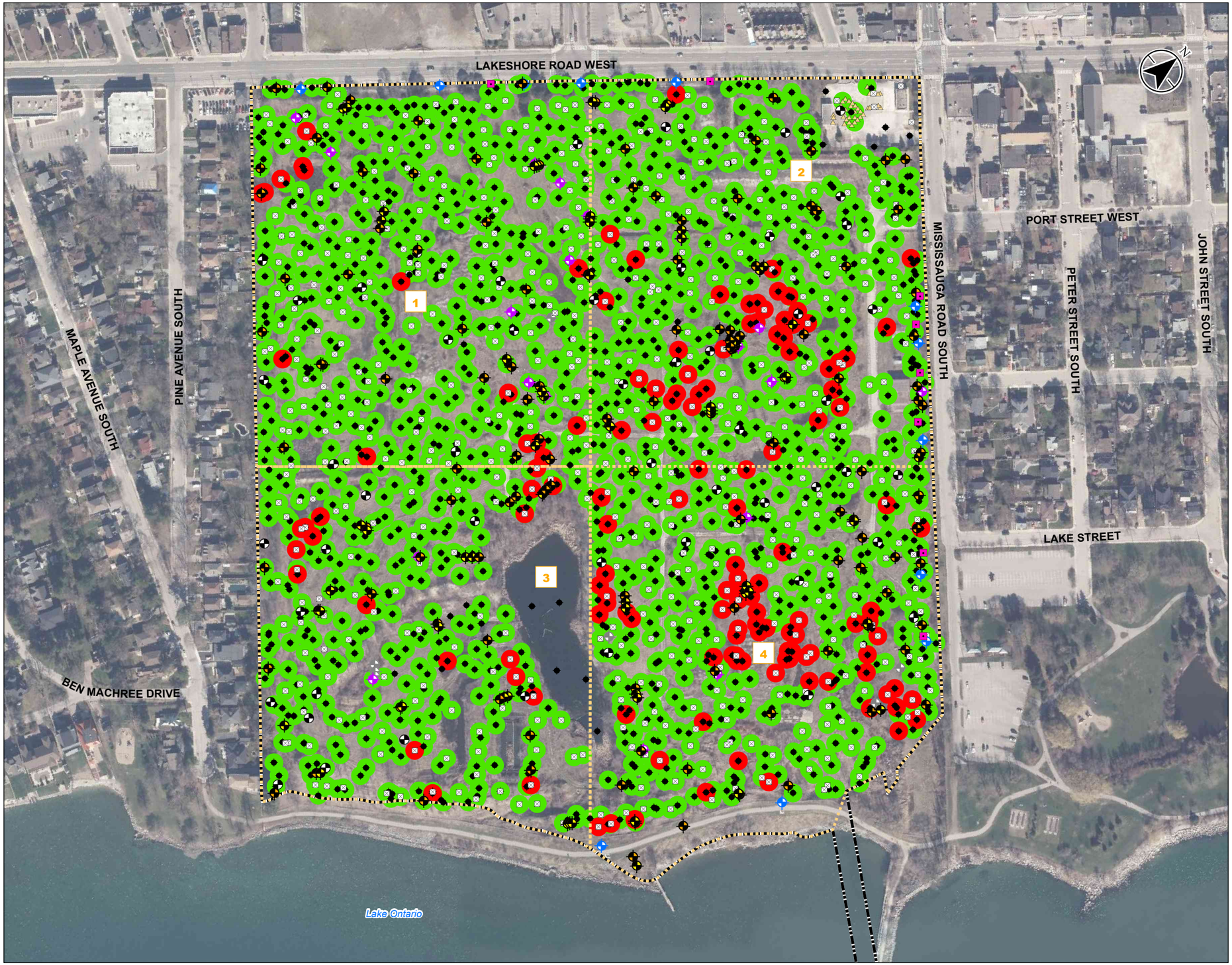

Stantec

- 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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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 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

Client/Project
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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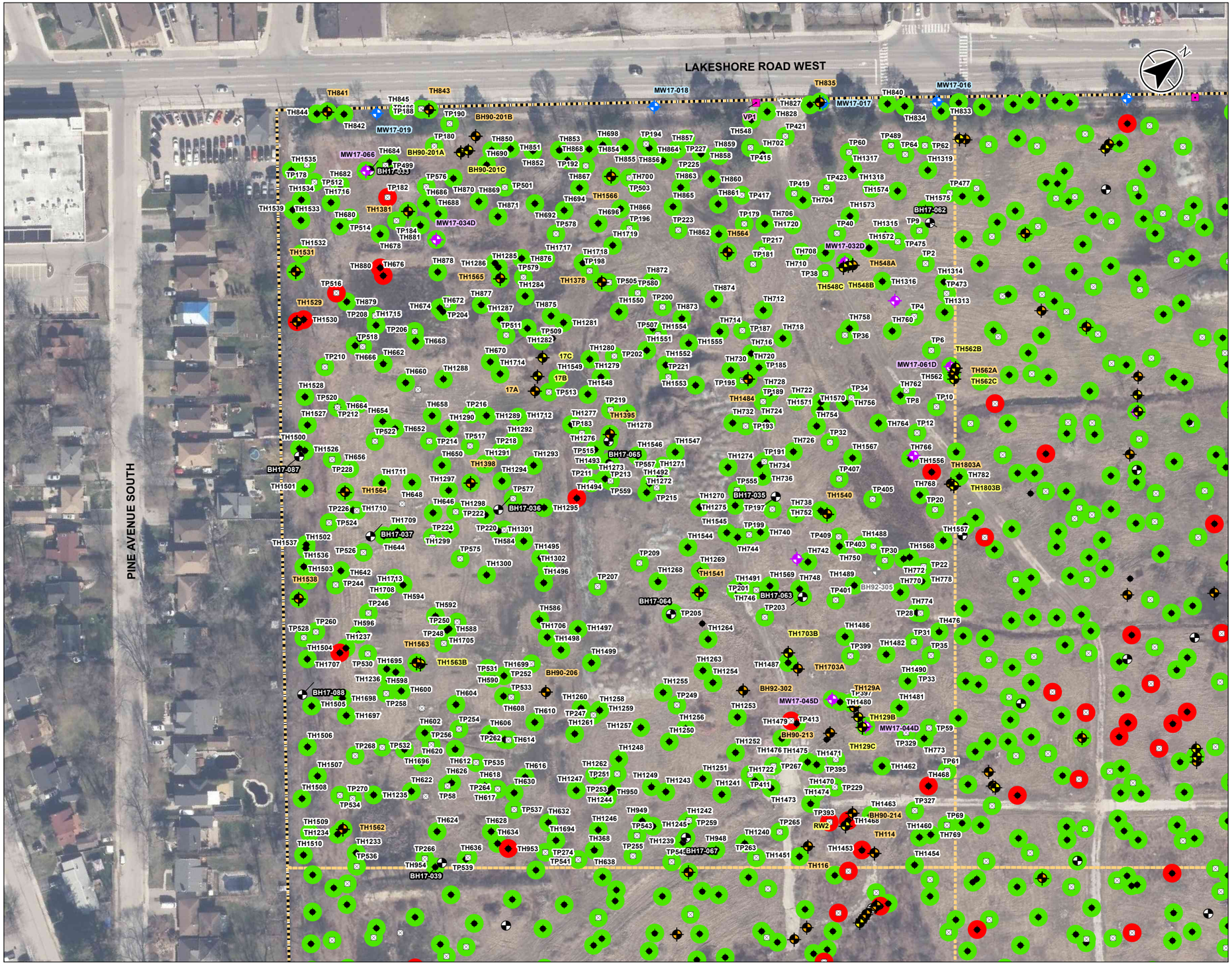

Stantec

- 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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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.

11b

Title

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

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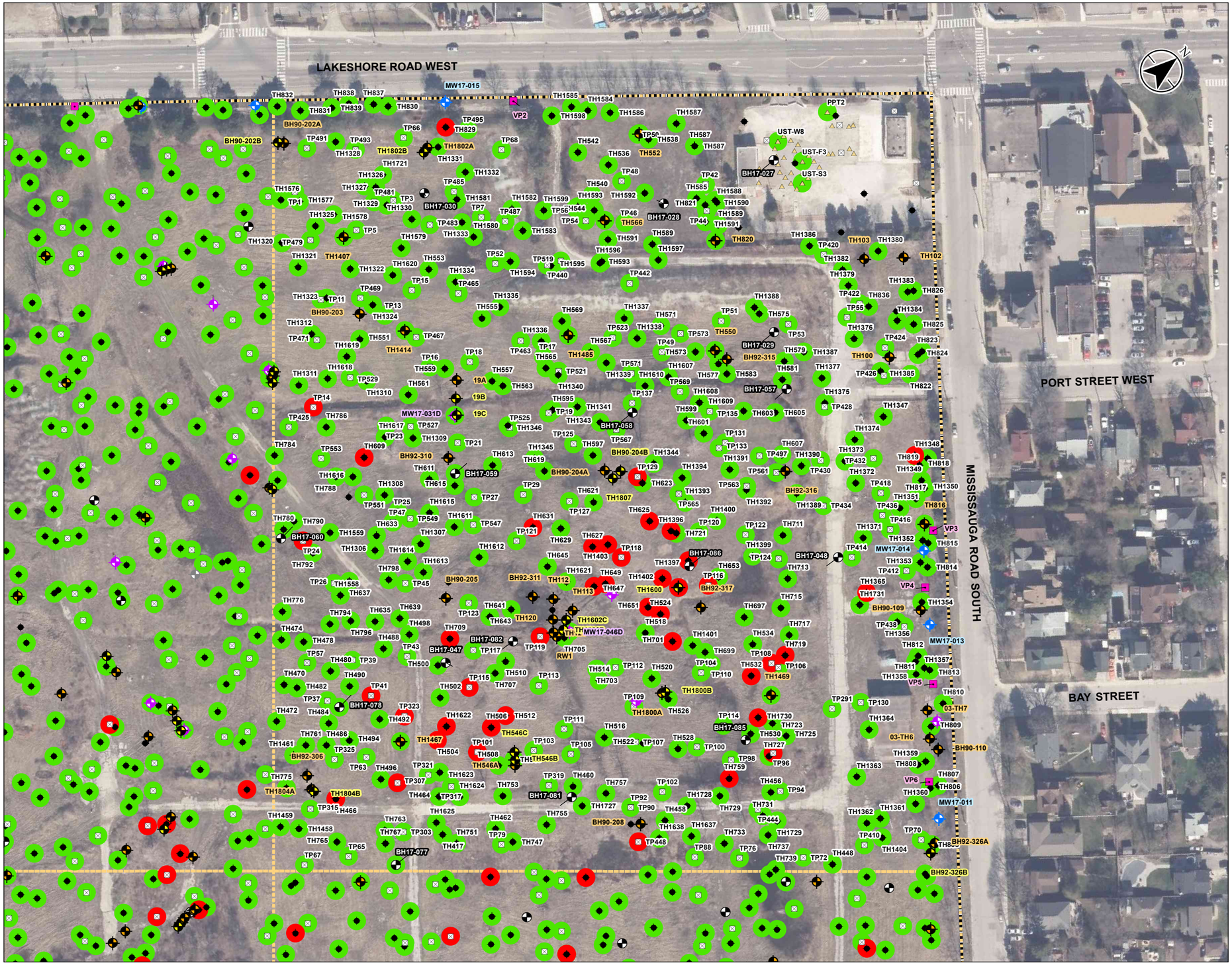

Stantec

- 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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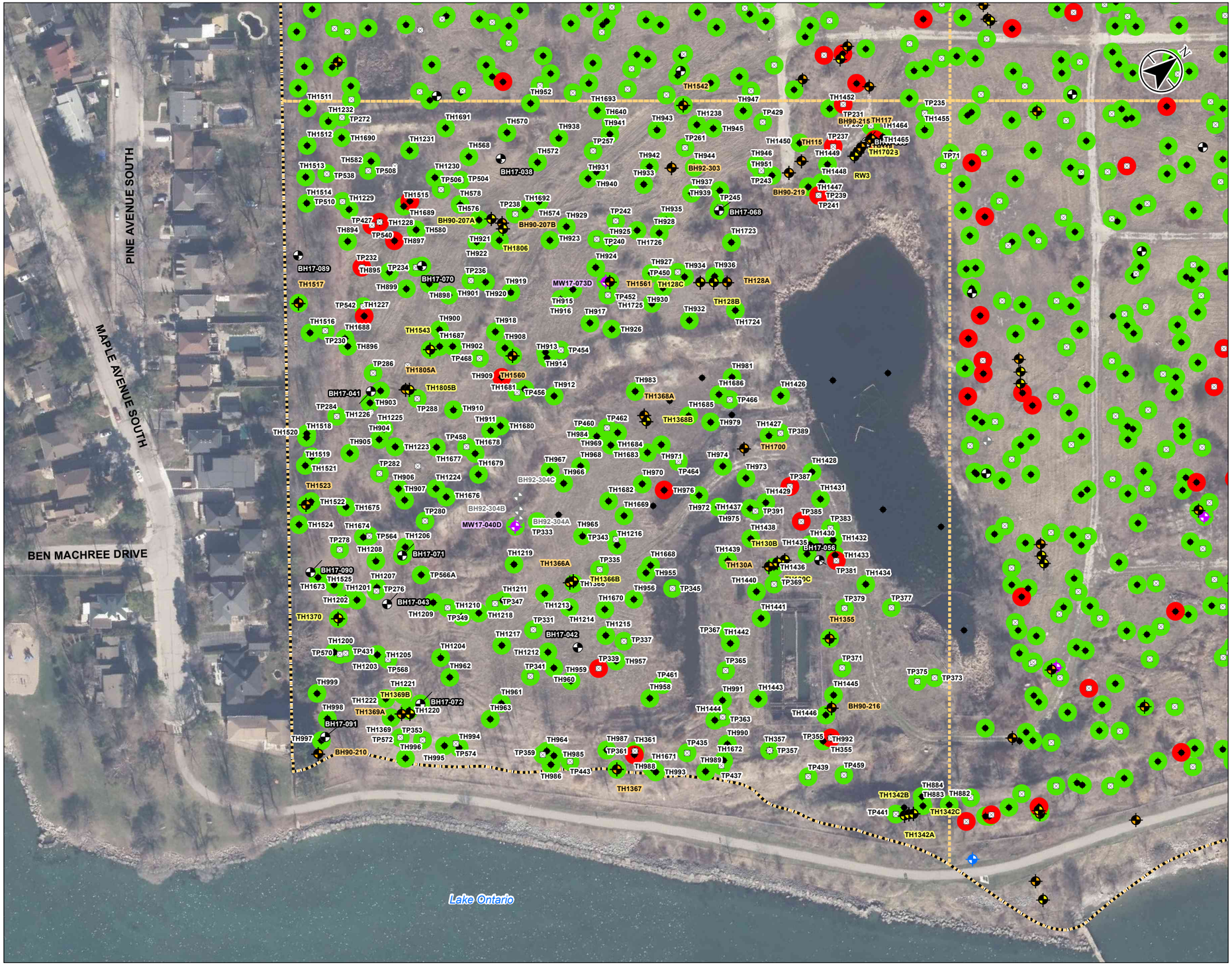

Stantec

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

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. 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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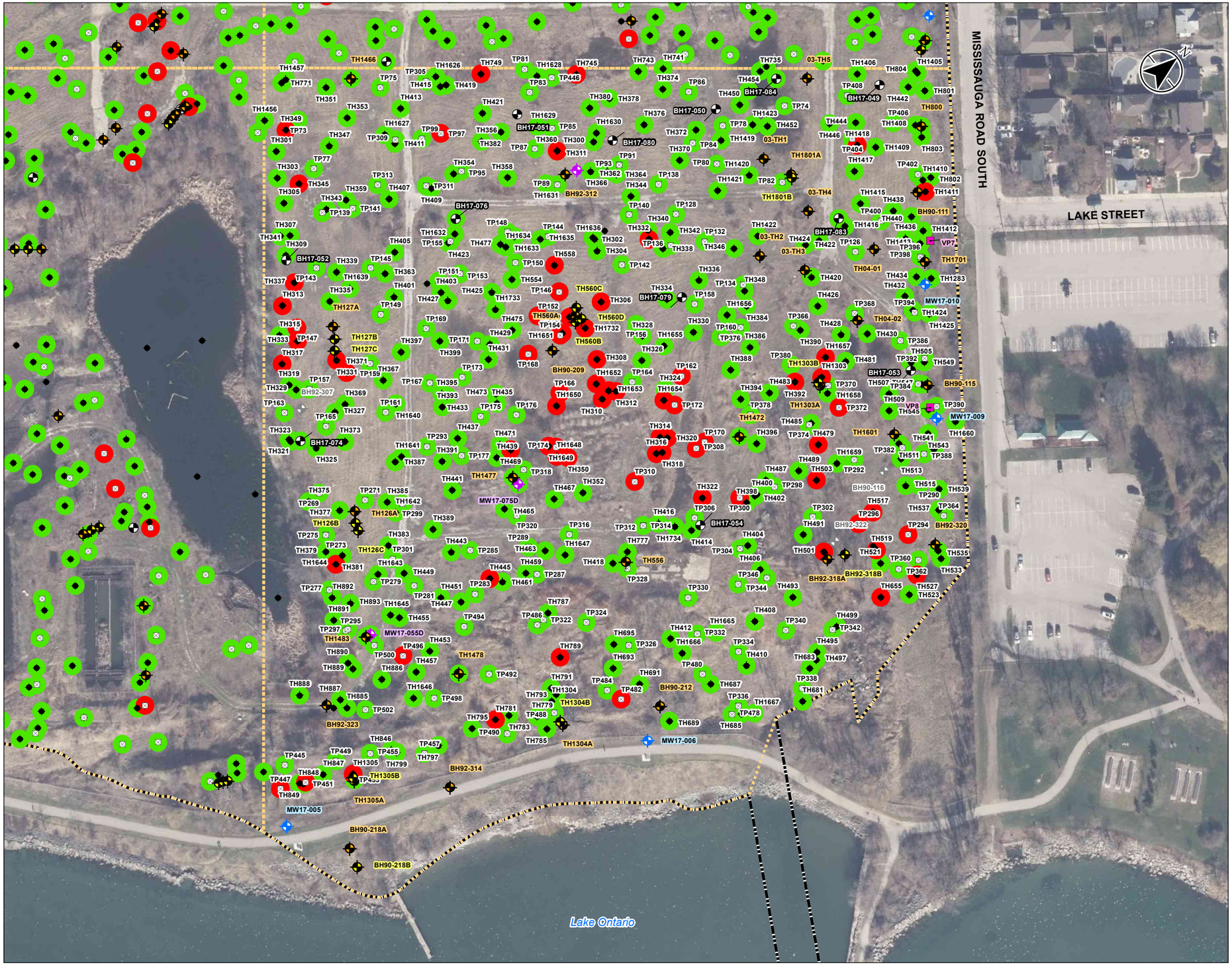

Stantec

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

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. 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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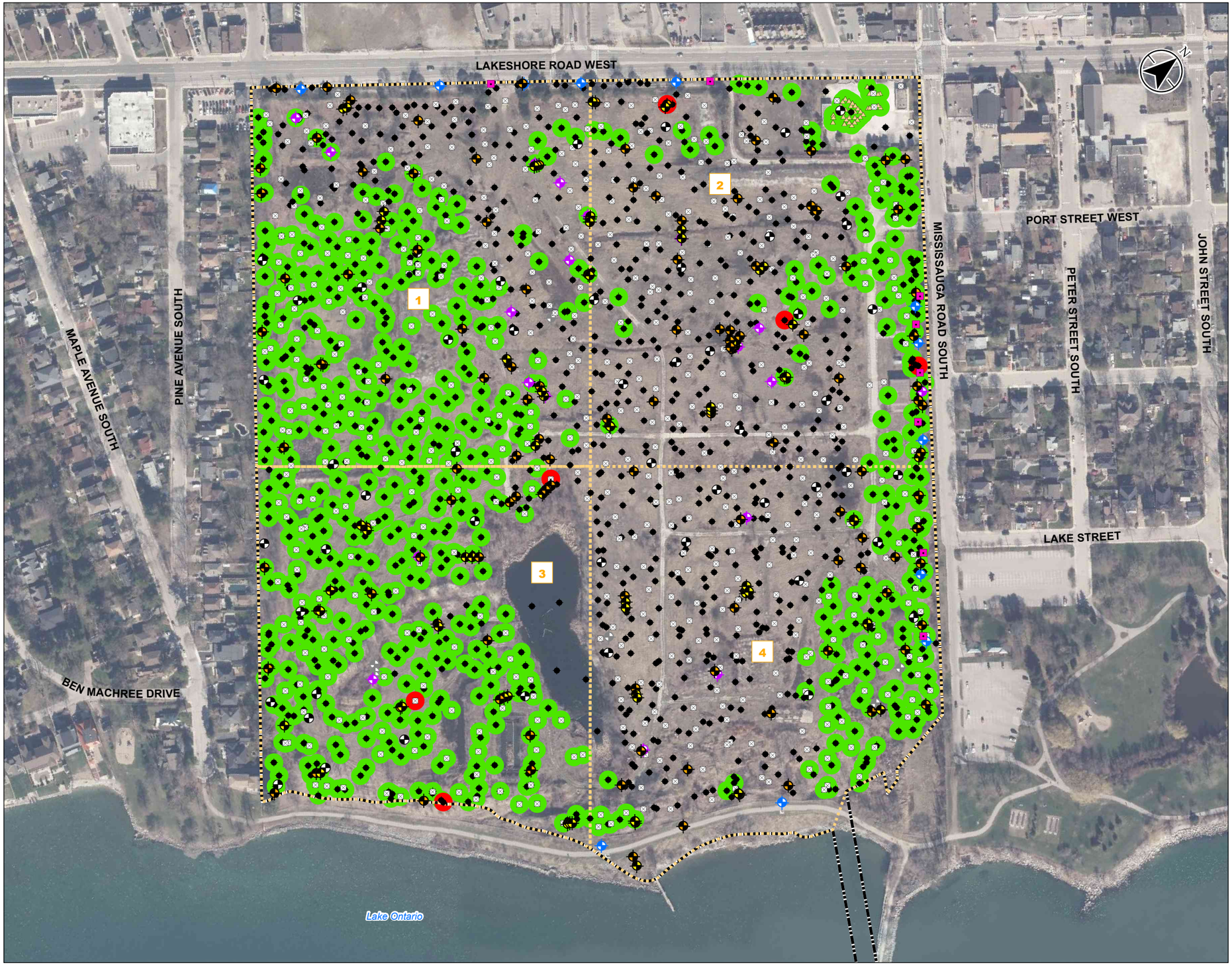

Stantec

- 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

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 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

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

Figure No.
12a

Title
Summary of Soil Analytical Results - PCBs

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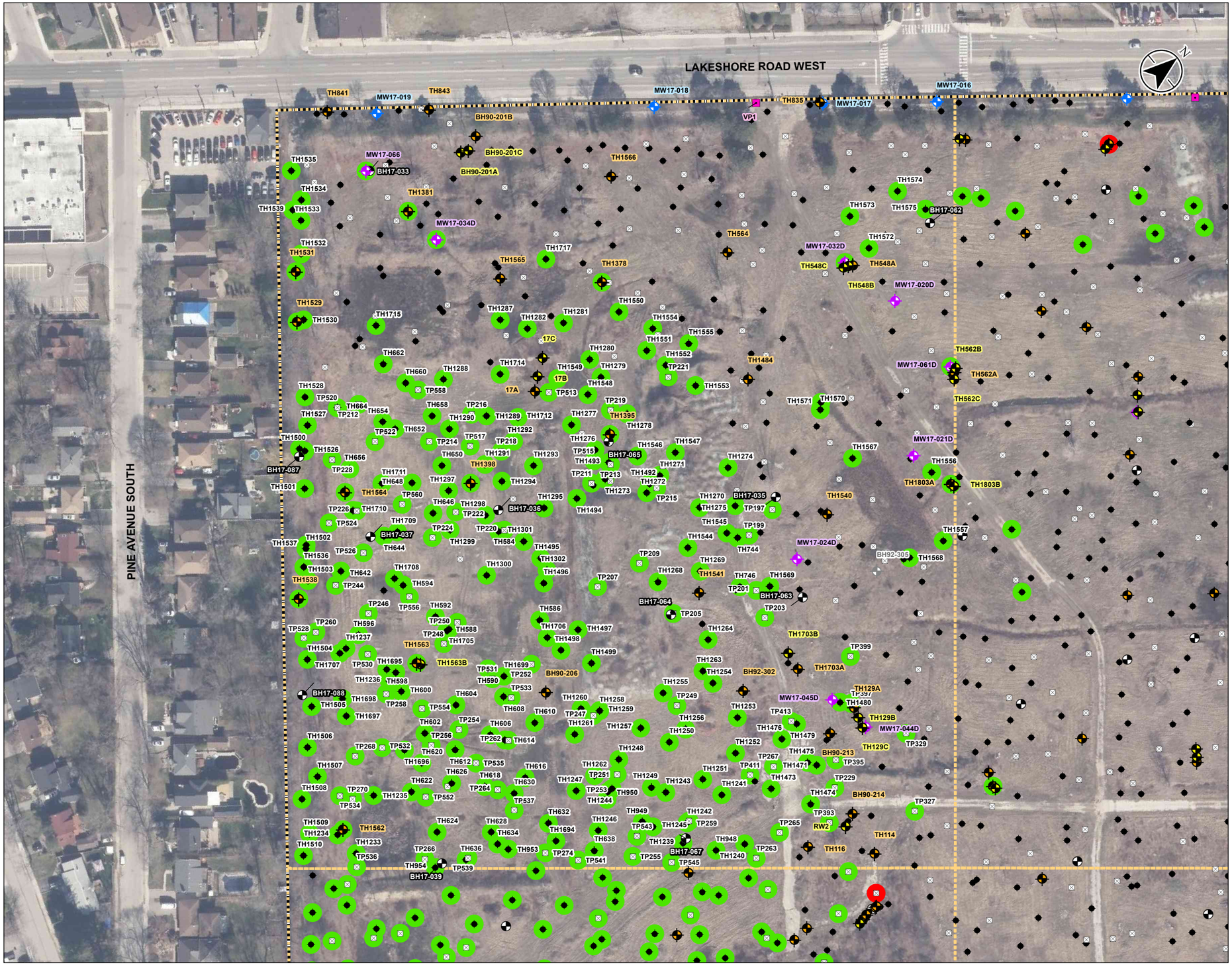

Stantec

- 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

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.
12b

Title
Summary of Soil Analytical Results - PCBs - Quadrant 1

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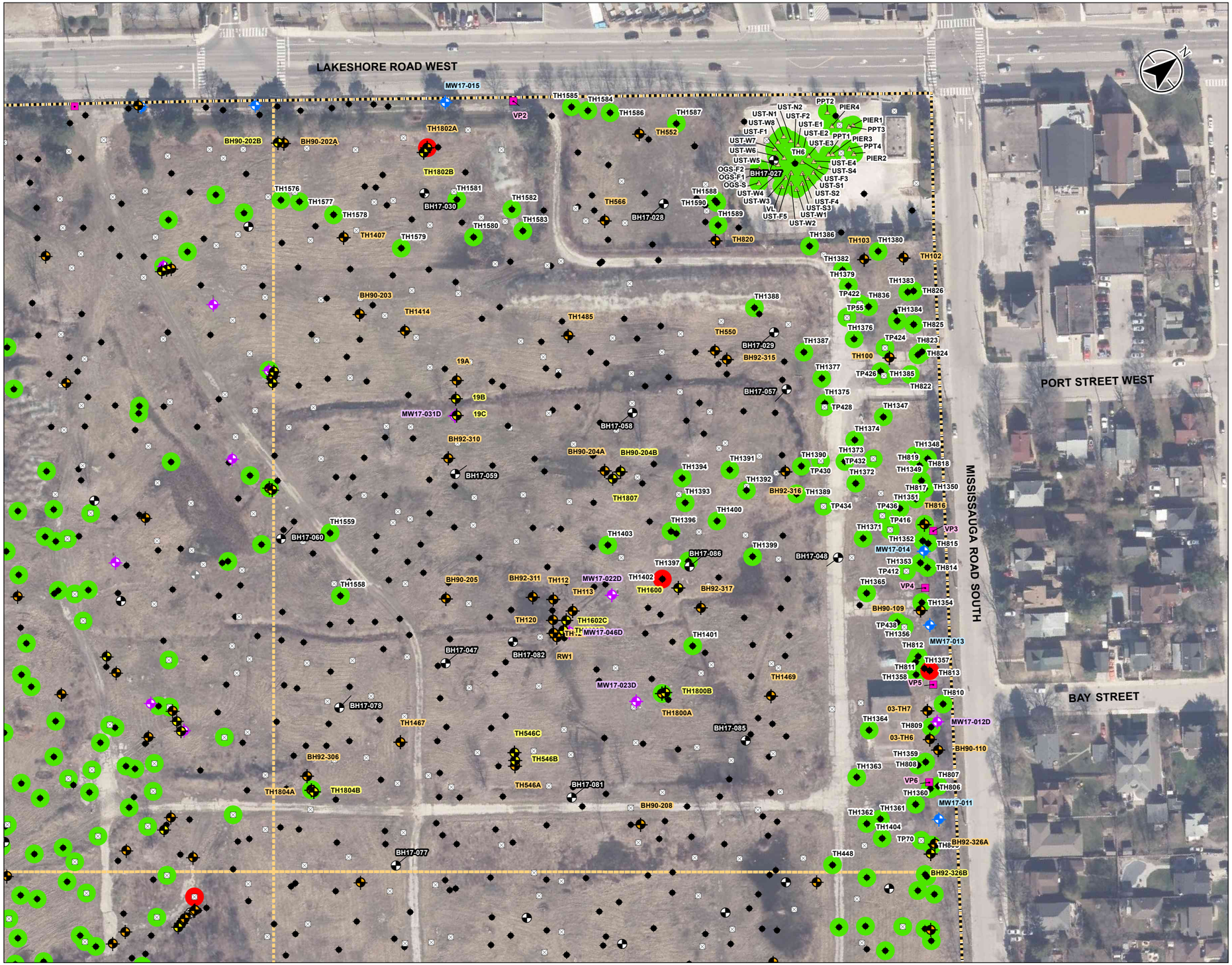

Stantec

- 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

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.
12c

Title
Summary of Soil Analytical Results - PCBs - Quadrant 2

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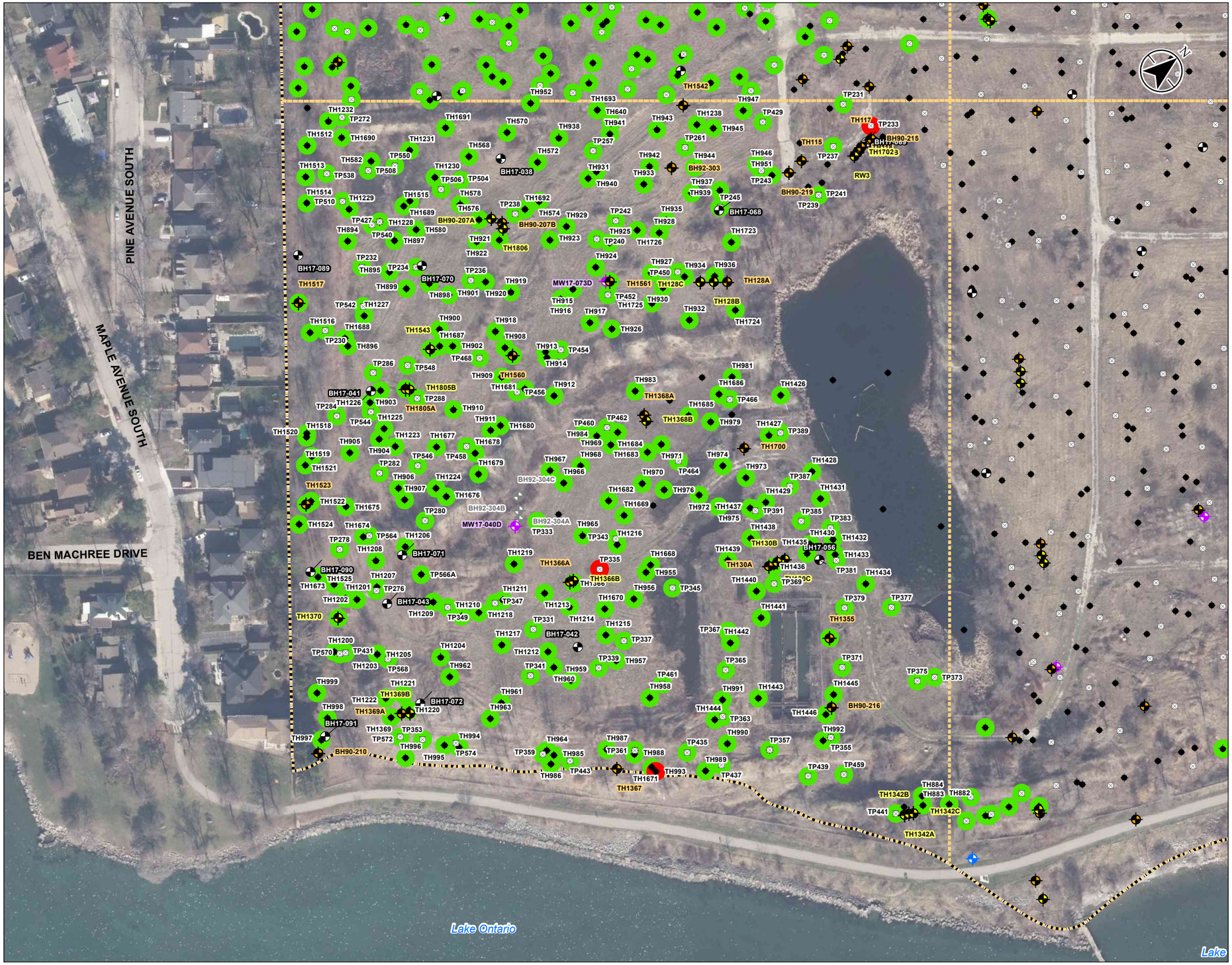

Stantec

- 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)
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.
12d

Title
Summary of Soil Analytical Results - PCBs - Quadrant 3

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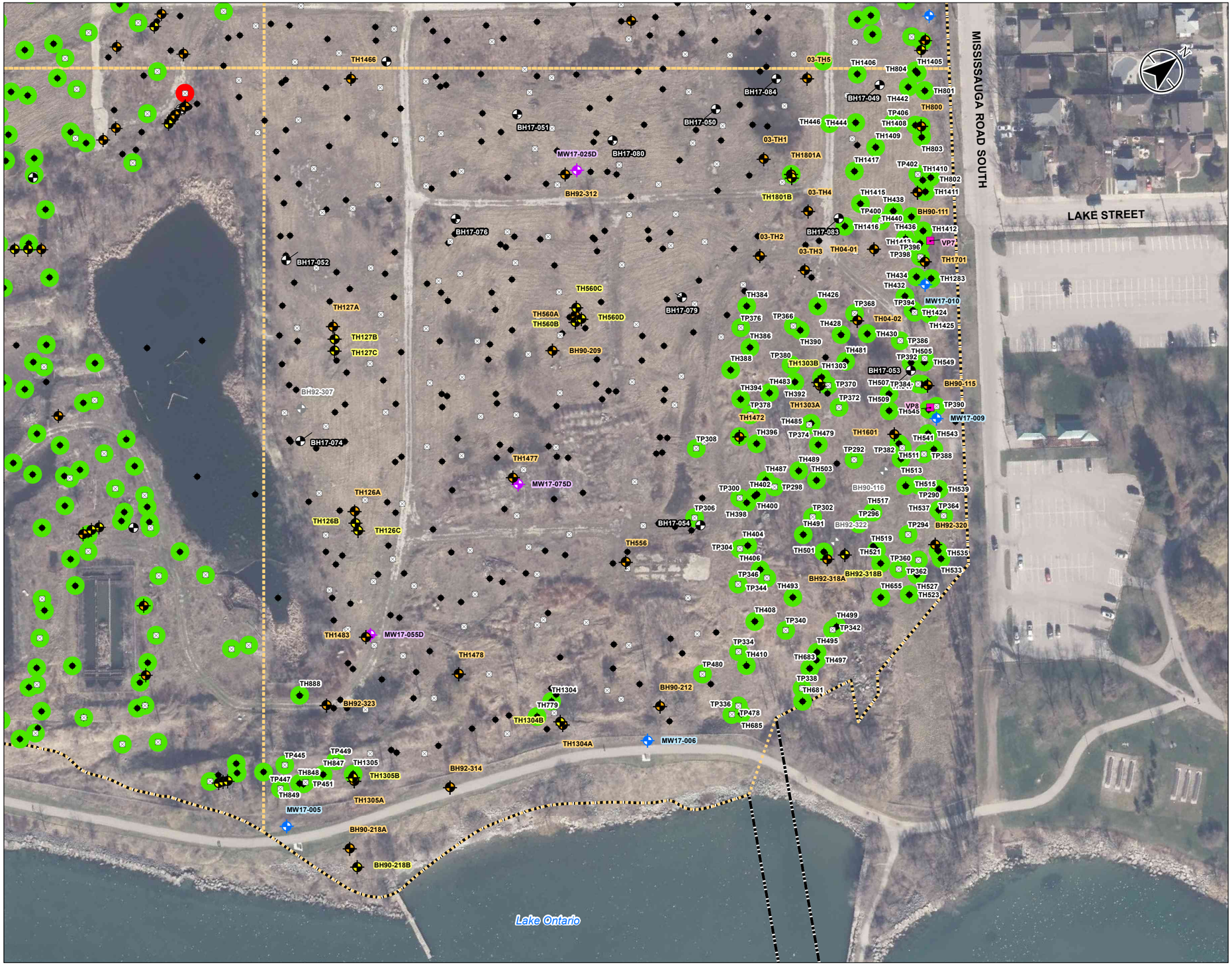

Stantec

- 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)
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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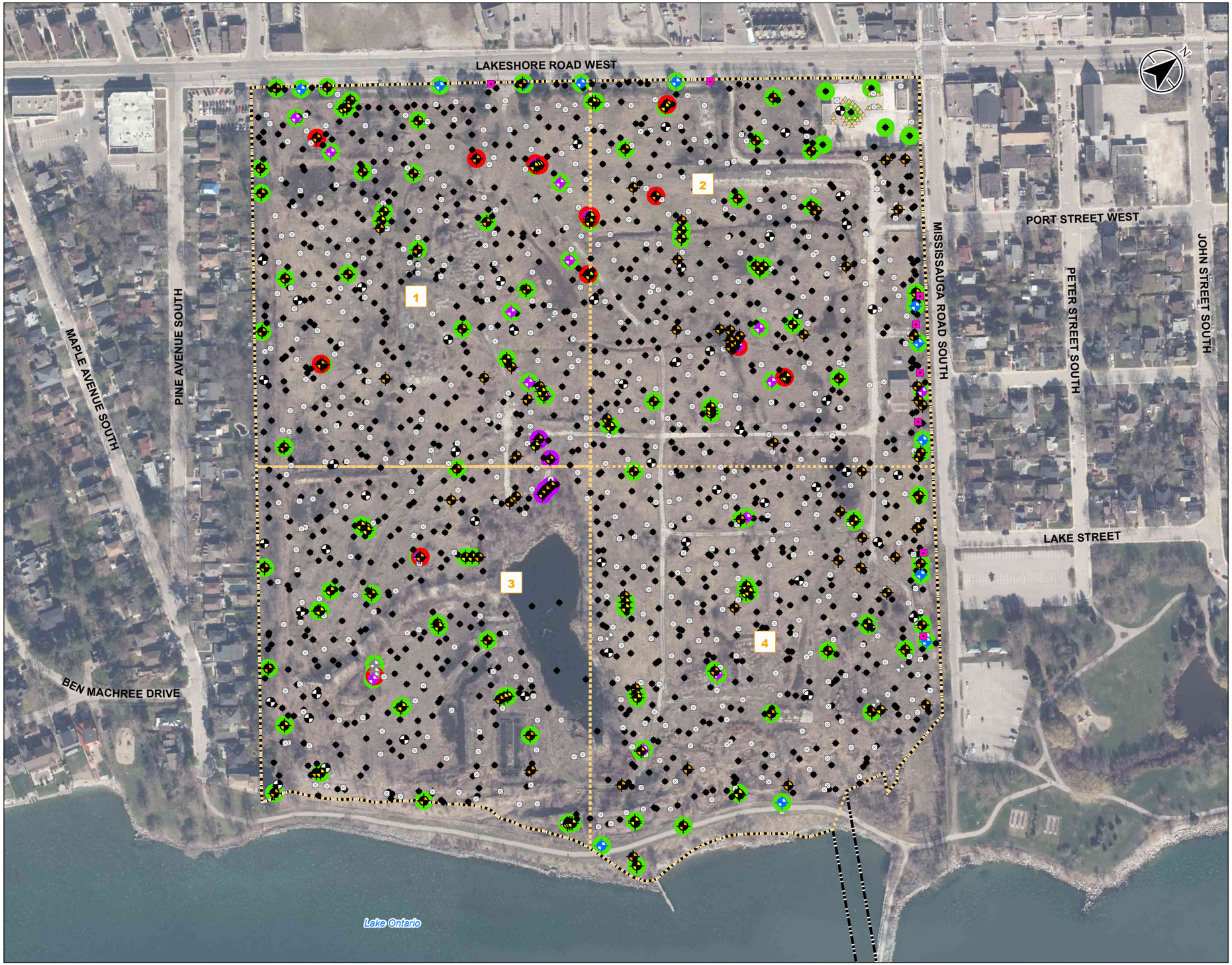

Stantec

- 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

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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

\\Ca1924f02\work_group\01221\active\122120255\planning\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA 13a Station GW Results BTEX.mxd Revised: 2018-03-07 By: ramoser

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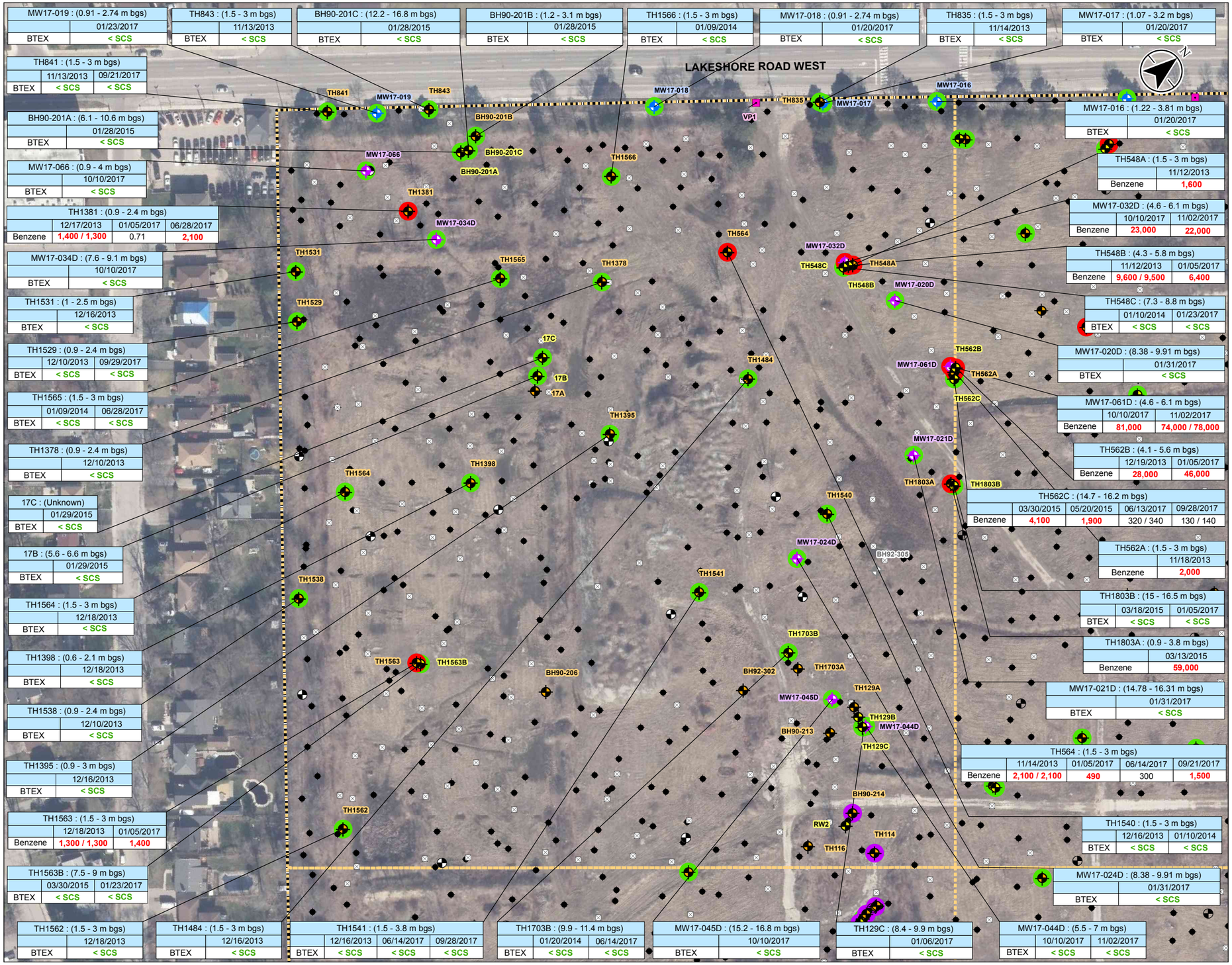

MW17-019 : (0.91 - 2.74 m bgs)	
	01/23/2017
BTEX	< SCS

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

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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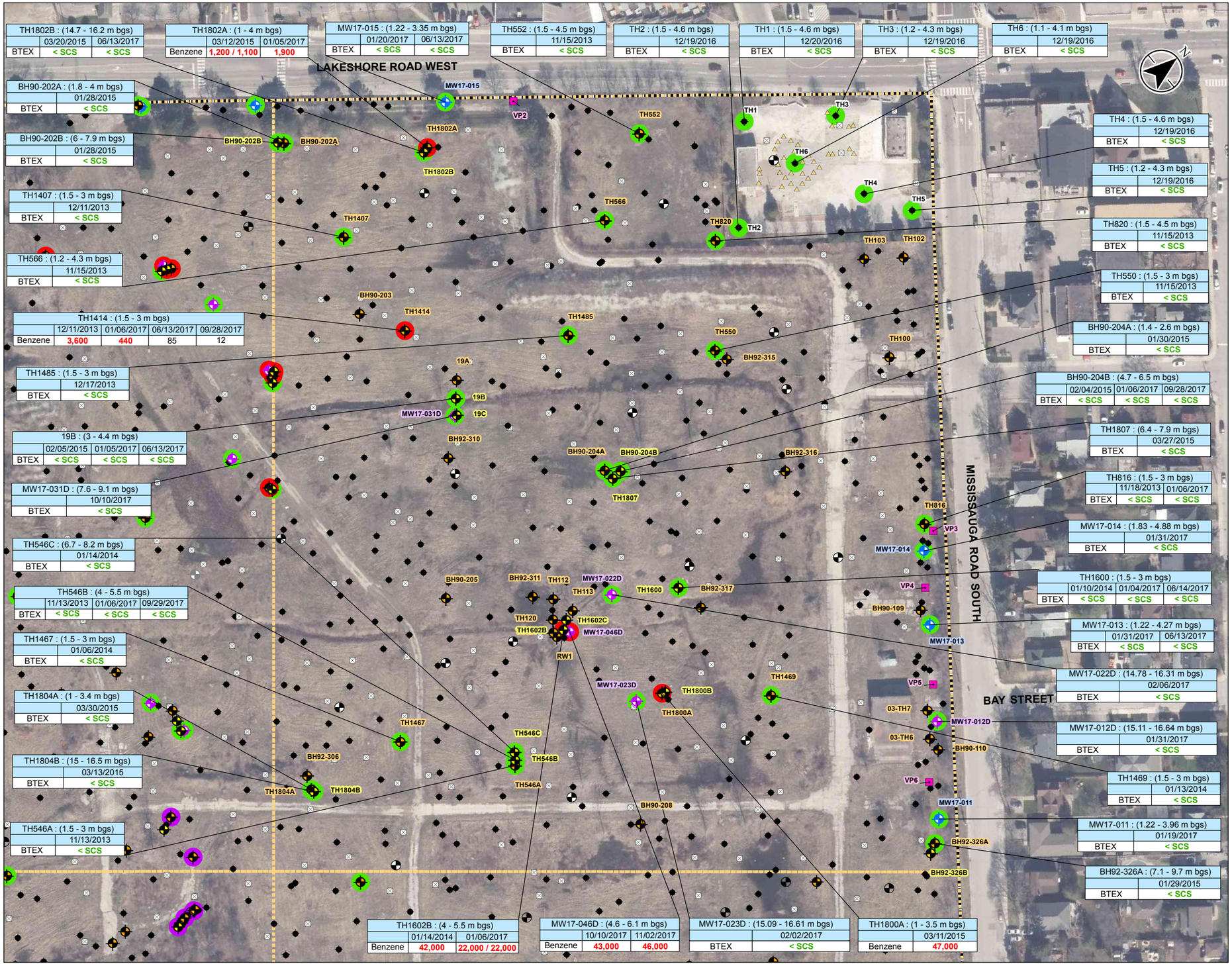
\\Ca1224-f02\work_group\01221\active\122120255\planning\drawings\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig13b_13b_SitePlan_GW Results_BTEX.mxd Revised: 2018-03-07 By: pmoser



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

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

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

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

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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
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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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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TH1342C : (14.7 - 16.2 m bgs)	
	03/30/2015
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
- 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.

13d

Title

Summary of Groundwater Analytical Results - BTEX - Quadrant 3

\\CA1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase2 ESA Fig13b_13e_SitePlan GW Results BTEX.mxd Revised: 2018-03-07 By: pmoser

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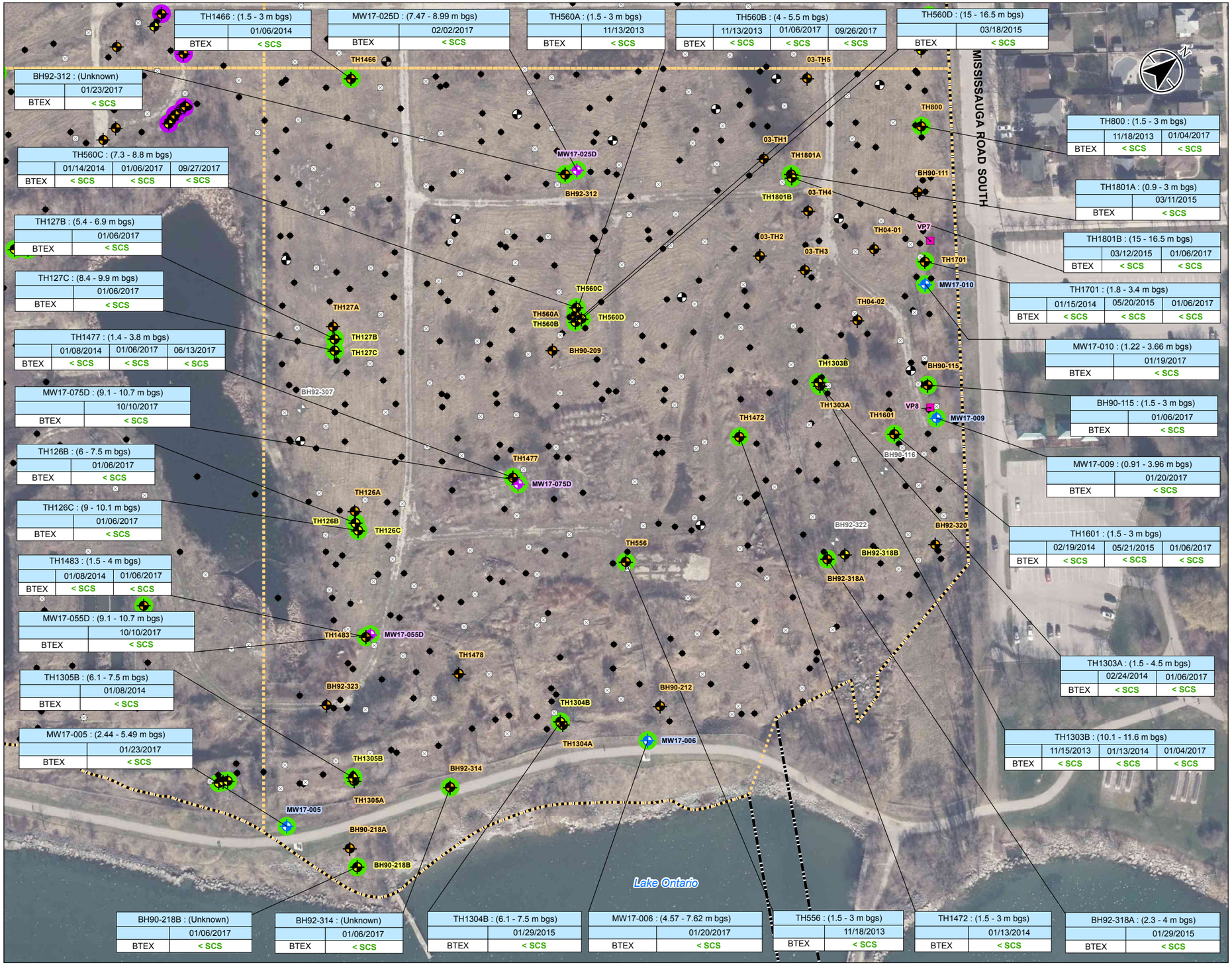

TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
BTEX	< SCS

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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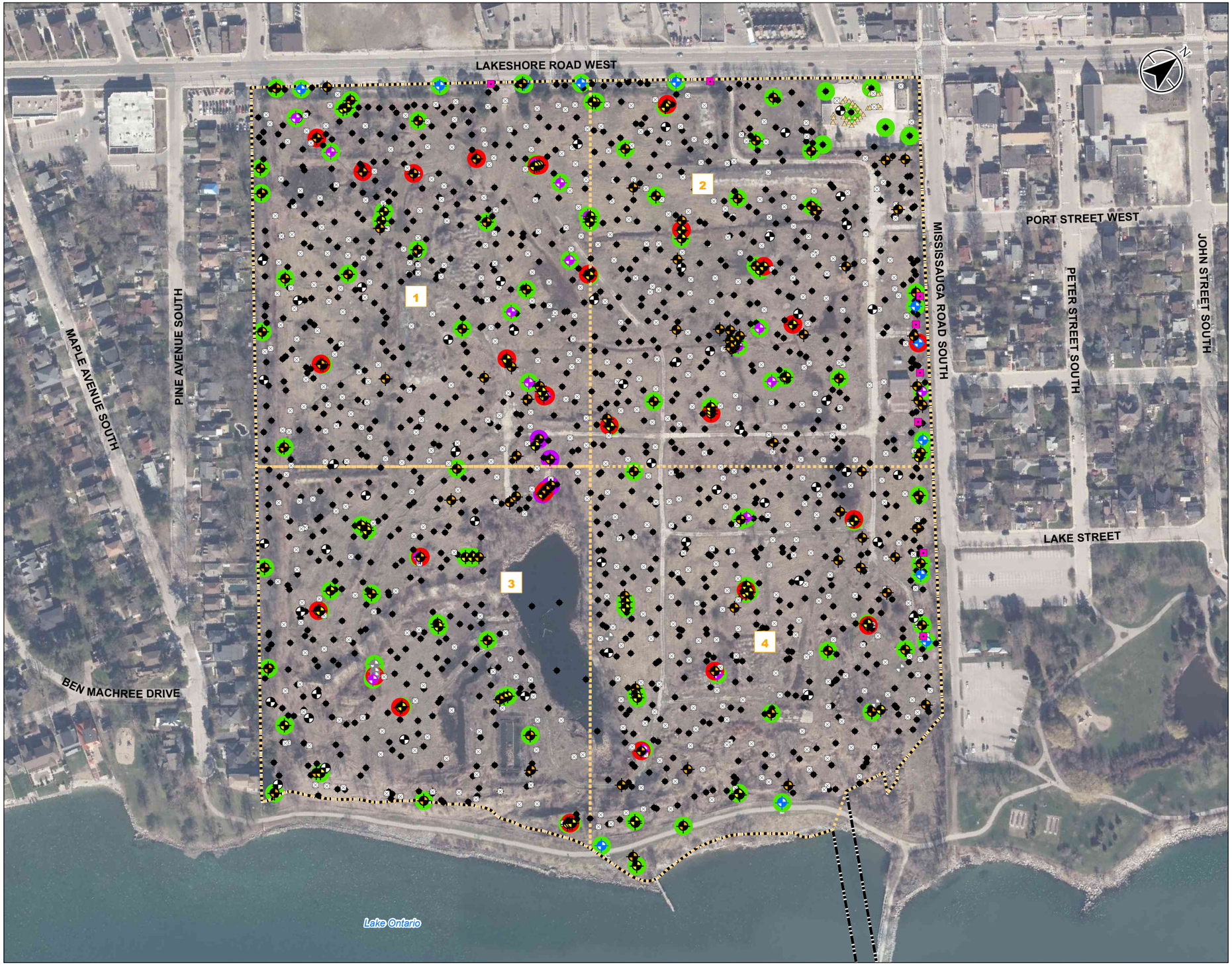
\\Ca1214-f02\work_group\01221\active\122120255\cadgraphics\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig13b_13e_SitePlan GW Results BTEX.mxd Revised: 2018-03-07 By: pmoser



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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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 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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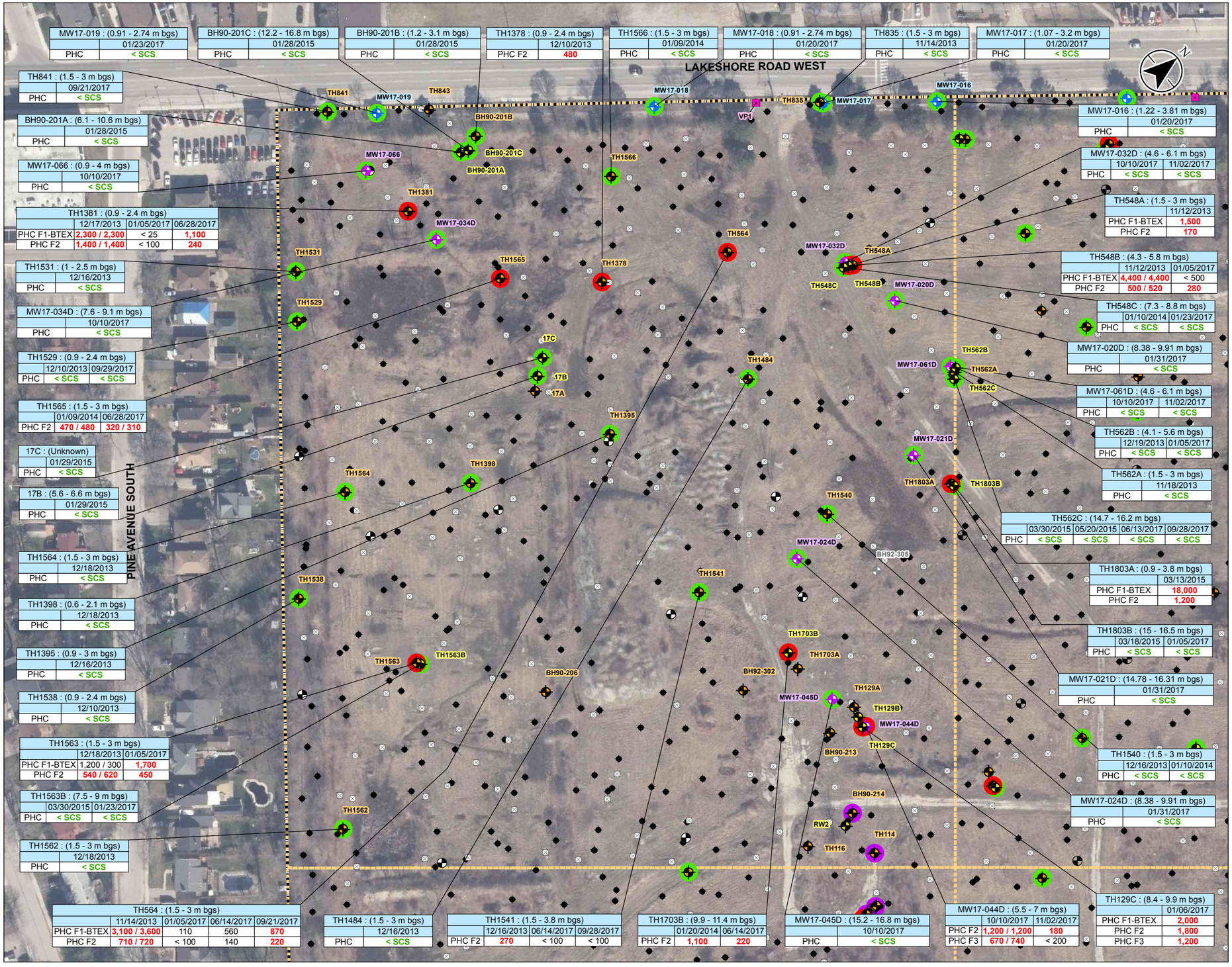

Stantec

- 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-C10 range) minus BTEX	750
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	500
PHC F4 (>C34-C50 range)	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.
14b

Title
Summary of Groundwater Analytical Results - PHCs - Quadrant 1

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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-C10 range) minus BTEX	750
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	500
PHC F4 (>C34-C50 range)	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.

14c

Title

Summary of Groundwater Analytical Results - PHCs - Quadrant 2

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BH90-207B : (1.3 - 2.9 m bgs)				
	02/04/2015	03/04/2015	01/05/2017	09/26/2017
PHC F2	2,100	640	< 100	< 100
PHC F3	4,400	800	< 200	< 200
PHC F4	1,900	320	< 200	< 200
PHC F4 G	6,800	-	-	-

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

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

TH1561 : (1.5 - 3 m bgs)		
	12/19/2013	06/13/2017
PHC F1-BTEX	4,400	6,500
PHC F2	1,300	670

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

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

TH1543 : (1.5 - 3 m bgs)		
	12/19/2013	06/13/2017	09/26/2017
PHC F2	200	< 100	< 100

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

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

TH1805A : (0.9 - 3.6 m bgs)		
	03/12/2015	01/05/2017
PHC F2	540	340
PHC F3	< 200	1,100
PHC F4 G	-	2,000

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

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

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

BH92-304A : (0.6 - 2.4 m bgs)	
	01/30/2015
PHC F1-BTEX	850
PHC F2	15,000
PHC F3	24,000
PHC F4	6,300
PHC F4 G	1,600 / 31,000

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

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

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

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

TH1366A : (1.5 - 3 m bgs)	
	12/11/2013
PHC F2	330 / 340
PHC F3	700 / 810

TH1366B : (4 - 5.5 m bgs)		
	06/13/2017	09/26/2017
PHC	< SCS	< SCS

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

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

TH1702 : (12.2 - 13.7 m bgs)		
	01/20/2014	09/26/2017
PHC F2	370 / 410	< 100

TH1702B : (14.7 - 16.2 m bgs)			
	03/30/2015	05/21/2015	06/13/2017
PHC F2	180	< 100 / < 100	< 100 / 100

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

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

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

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

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

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

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

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

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

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

TH1342B : (9 - 10.5 m bgs)		
	01/14/2014	01/06/2017
PHC F2	510	< 100

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-C10 range) minus BTEX	750
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	500
PHC F4 (>C34-C50 range)	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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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

\\CA1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig14b - 14e SitePlan GW Results PHCs.mxd Revised: 2018-03-07 By: pmosier

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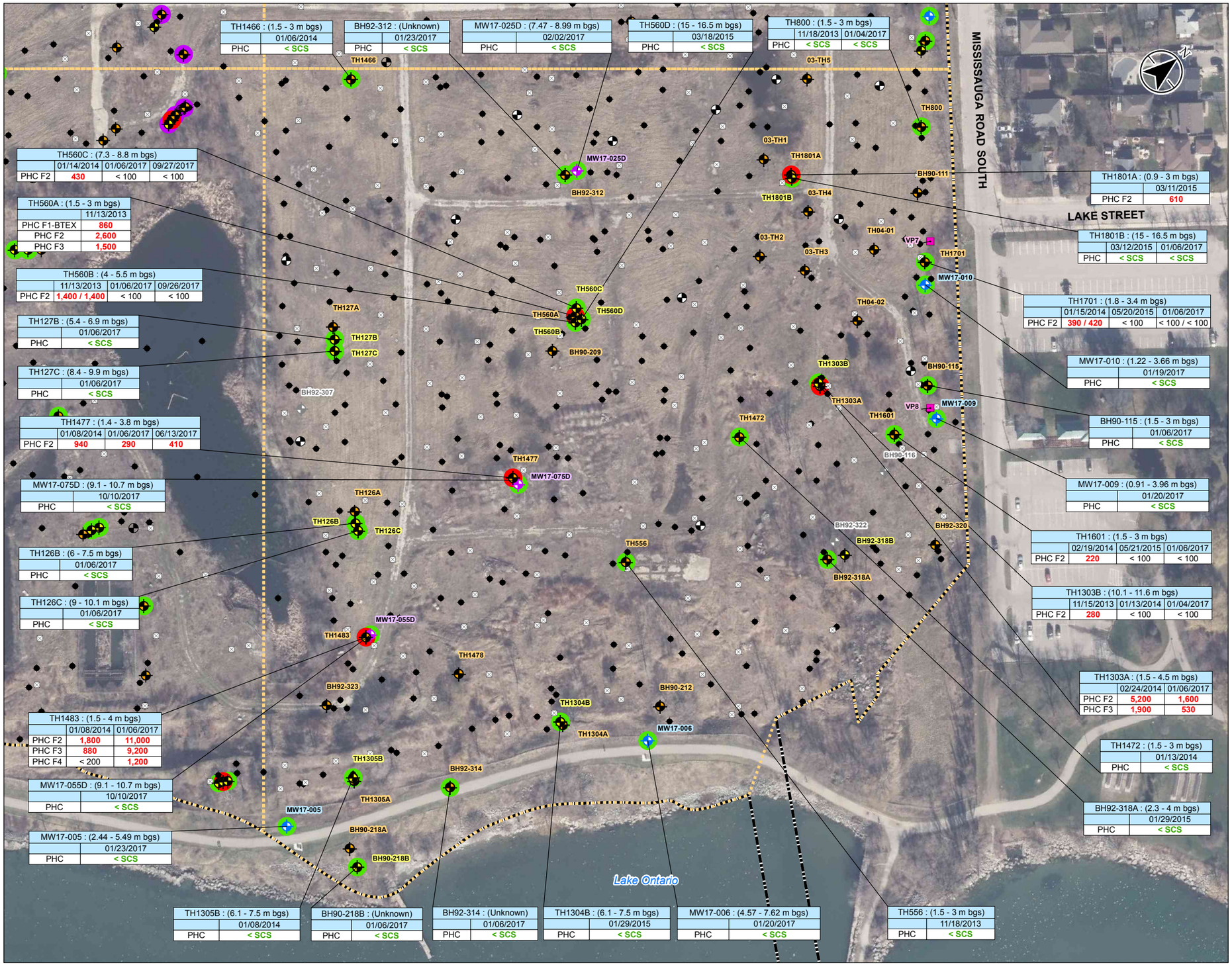

Stantec

- 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)
- 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-C10 range) minus BTEX	750
PHC F2 (>C10-C16 range)	150
PHC F3 (>C16-C34 range)	500
PHC F4 (>C34-C50 range)	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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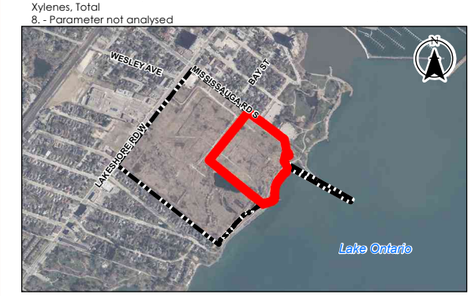
3. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
5. SCS - site condition standard
6. m bgs - metres below ground surface
7. PHCs - Petroleum Hydrocarbons and BTEX - Benzene, Toluene, Ethylbenzene , Xylenes, Total
8. - 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.
14e

Title
Summary of Groundwater Analytical Results - PHCs - Quadrant 4

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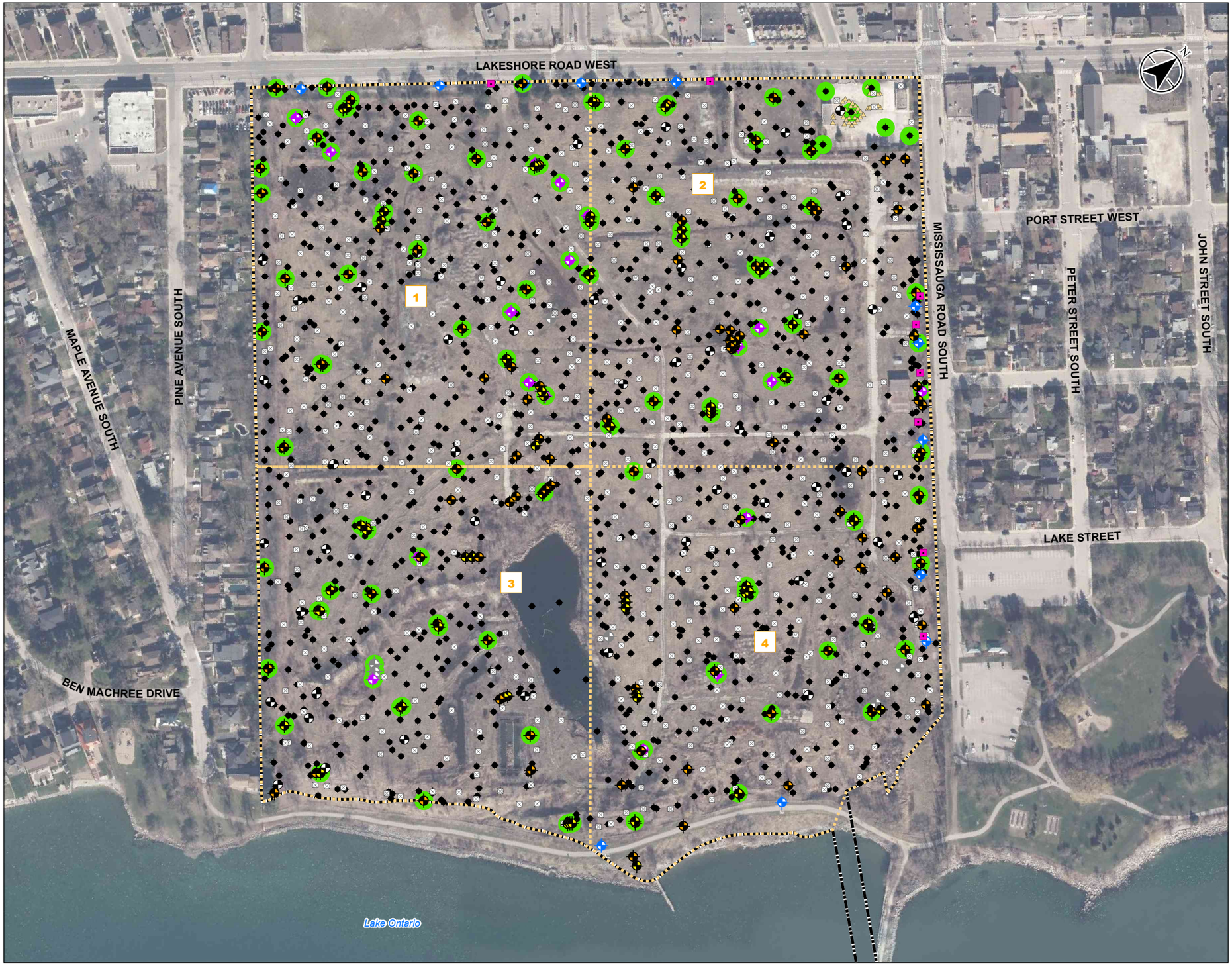

Stantec

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)

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 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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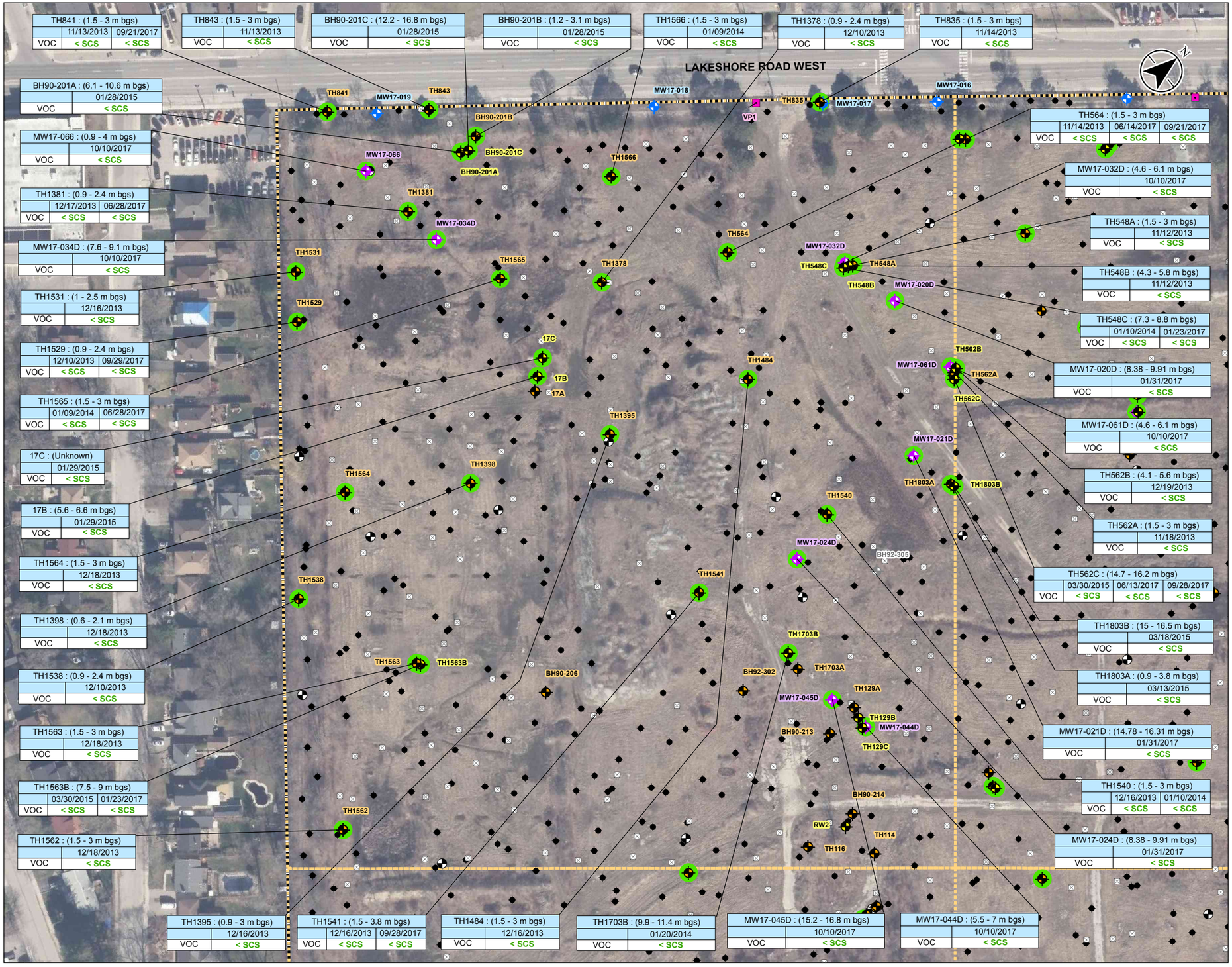

Stantec

- 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

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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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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
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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.
15c

Title
Summary of Groundwater Analytical Results - VOCs - Quadrant 2

\\Cd1220-f02\work_group\01221\active\122120255\phase2\drawing\MXD\Phase II ESA_Summary\122120255_Phase2_ESA_Fig15b_15c_StePlan_GW_Results_VOCs.mxd Revised: 2018-03-07 By: pmcqser

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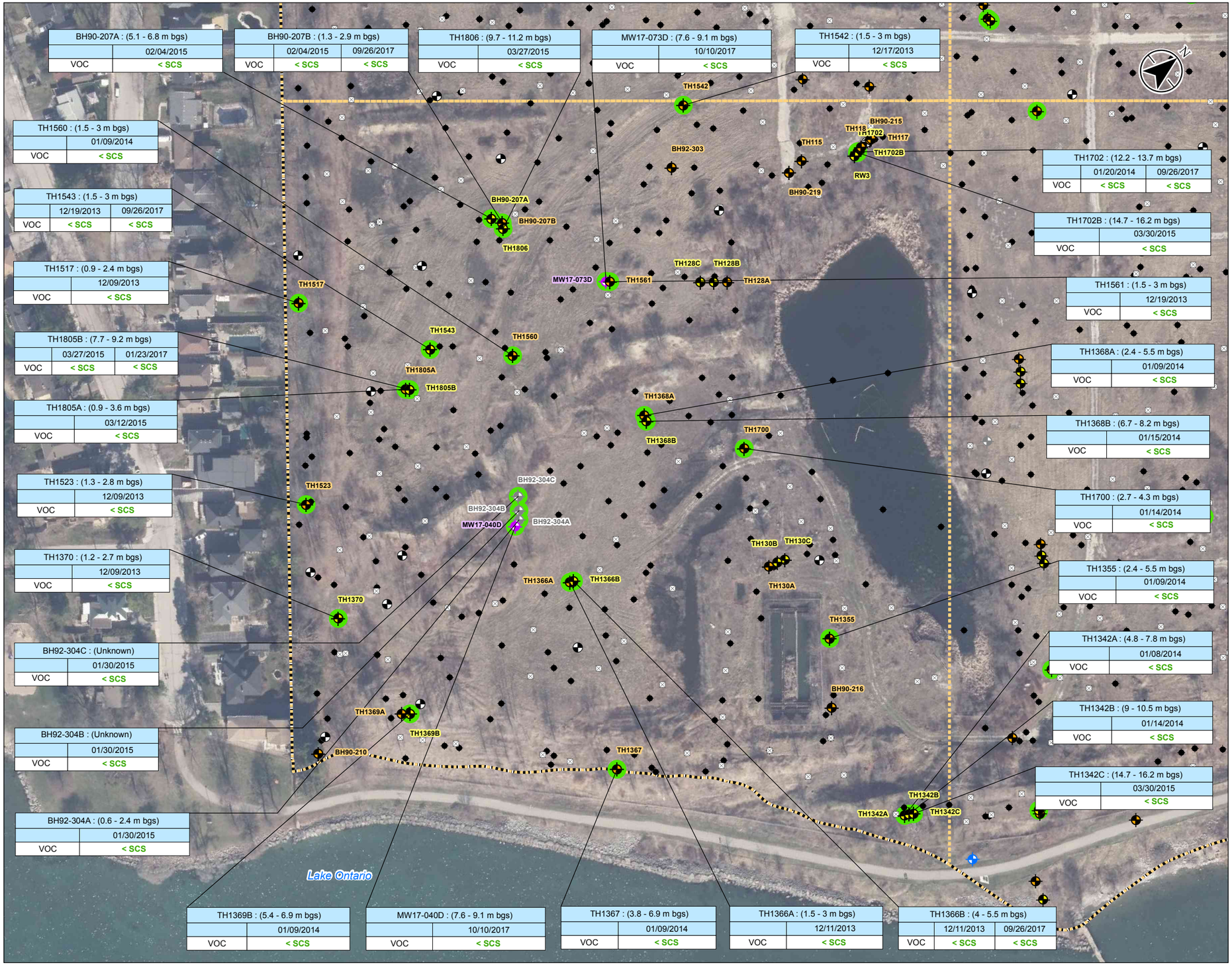

Stantec

- 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

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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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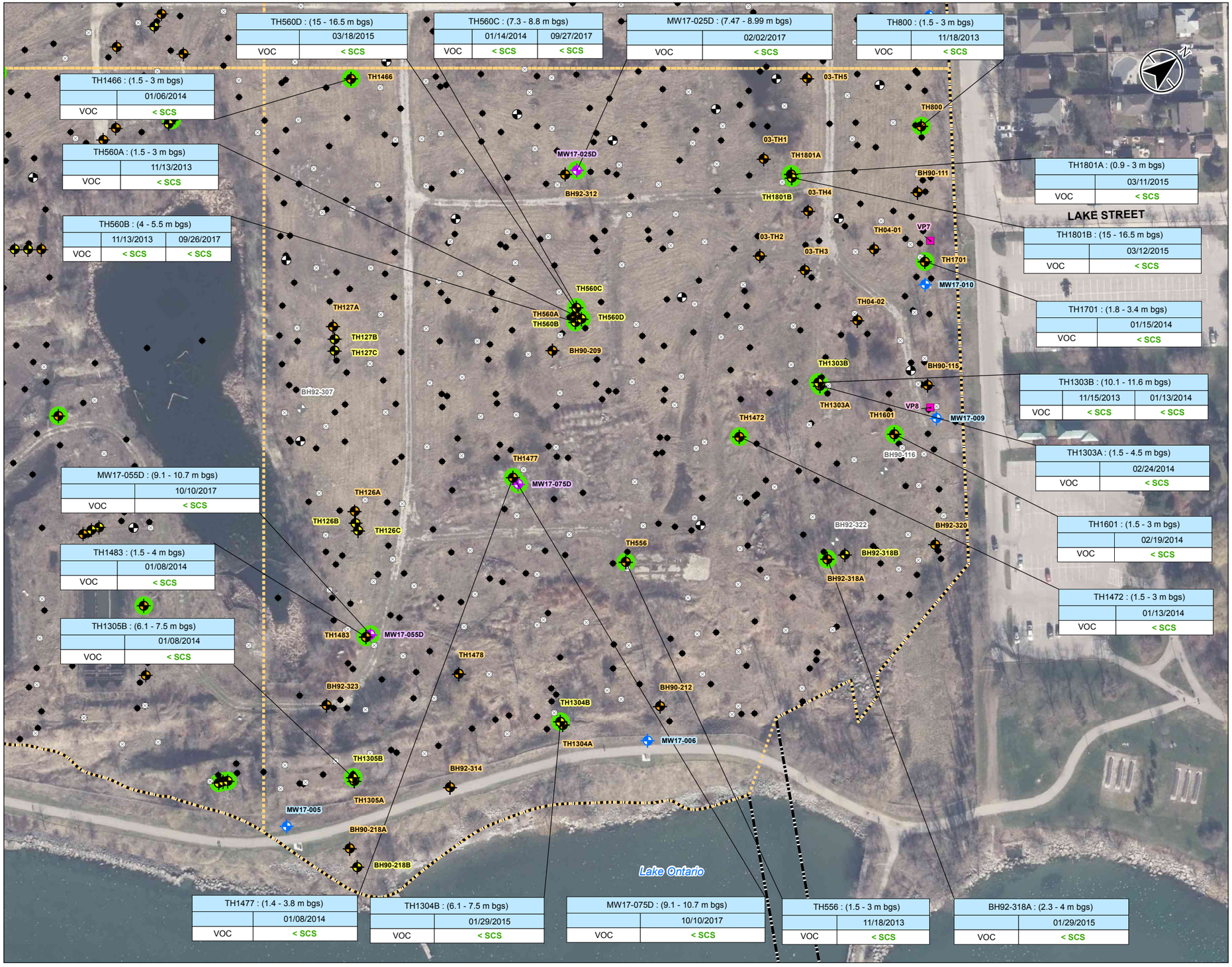

Stantec

- 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.
15e

Title
Summary of Groundwater Analytical Results - VOCs - Quadrant 4

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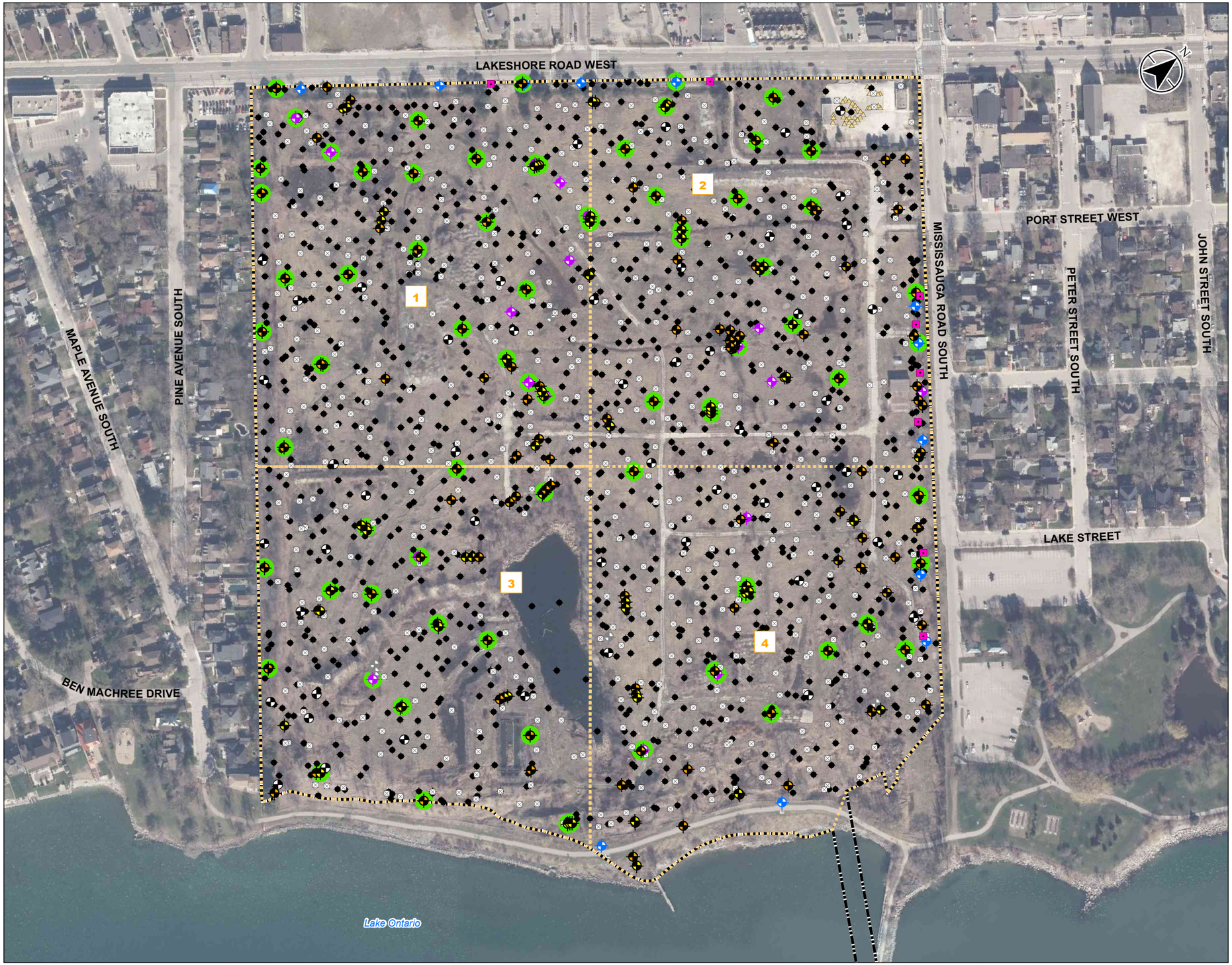

Stantec

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

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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 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
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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.
16b

Title
Summary of Groundwater Analytical Results - PAHs - 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)

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
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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.

16c

Title

Summary of Groundwater Analytical Results - PAHs - Quadrant 2

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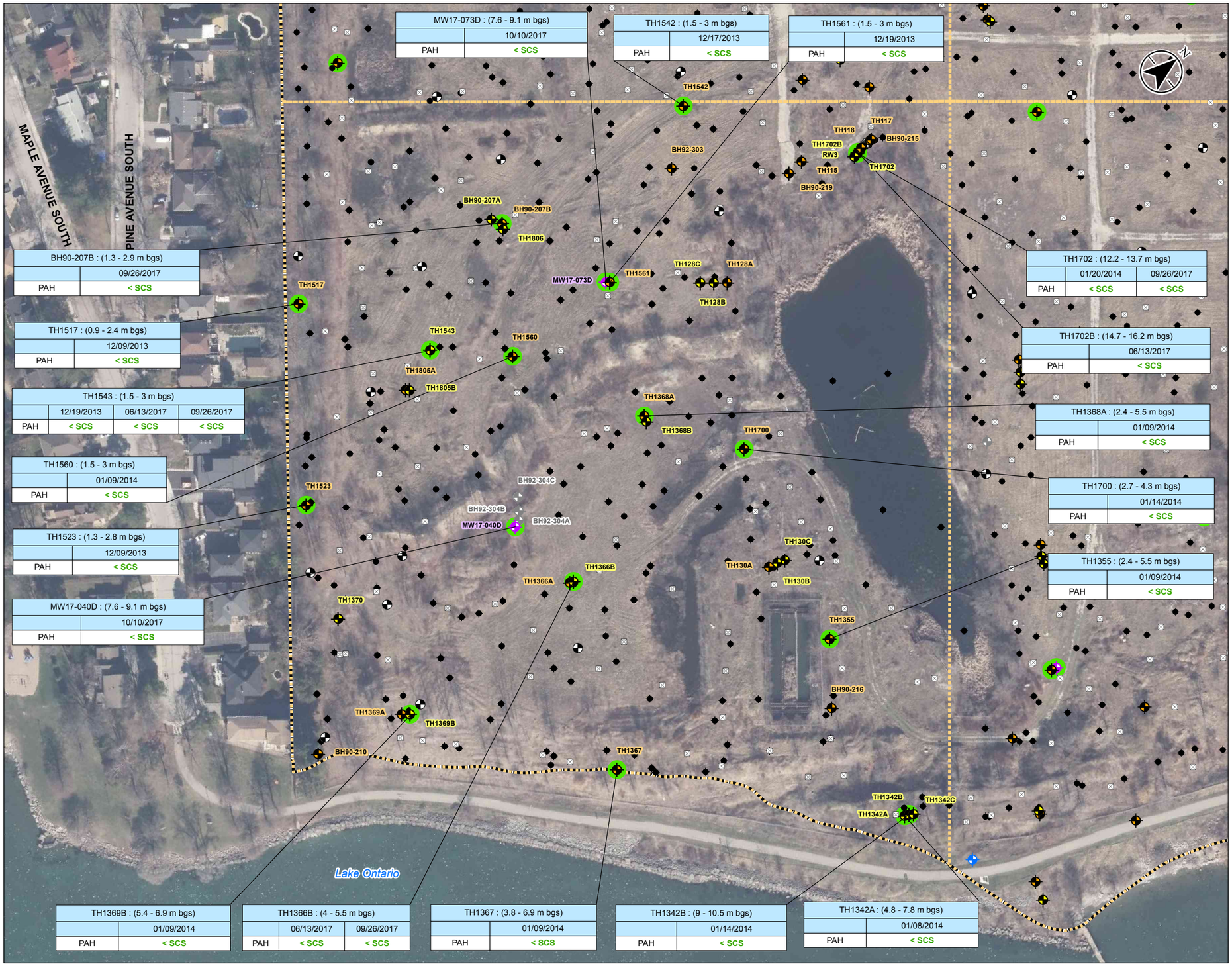

MW17-073D : (7.6 - 9.1 m bgs)	
	10/10/2017
PAH	< SCS

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

TH1561 : (1.5 - 3 m bgs)	
	12/19/2013
PAH	< SCS

BH90-207B : (1.3 - 2.9 m bgs)	
	09/26/2017
PAH	< SCS

TH1517 : (0.9 - 2.4 m bgs)	
	12/09/2013
PAH	< SCS

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

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

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

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

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

TH1702B : (14.7 - 16.2 m bgs)	
	06/13/2017
PAH	< SCS

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

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

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

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

TH1366B : (4 - 5.5 m bgs)		
	06/13/2017	09/26/2017
PAH	< SCS	< SCS

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

TH1342B : (9 - 10.5 m bgs)	
	01/14/2014
PAH	< SCS

TH1342A : (4.8 - 7.8 m bgs)	
	01/08/2014
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
- 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
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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.

16d

Title

Summary of Groundwater Analytical Results - PAHs - Quadrant 3

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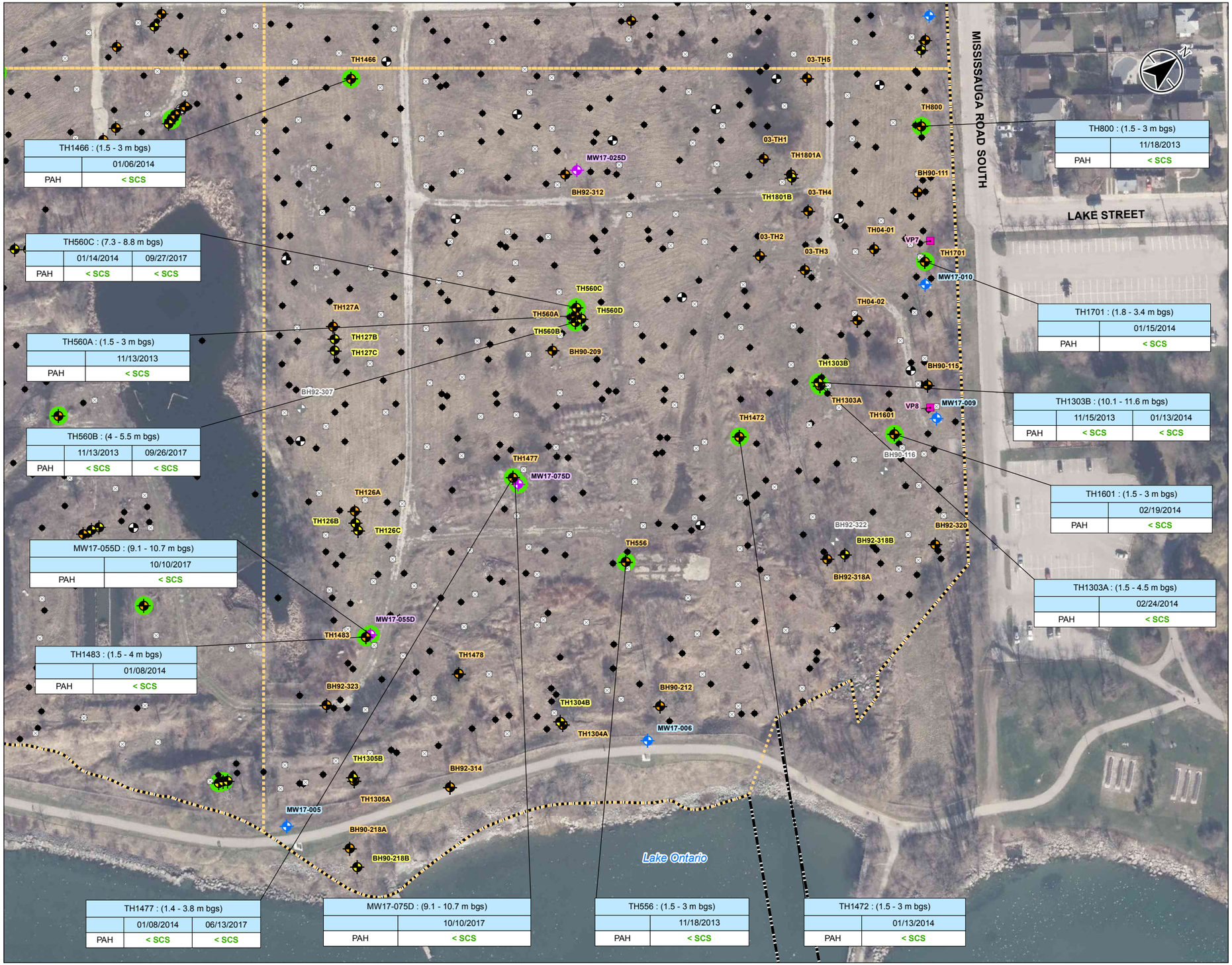

TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
PAH	< SCS

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

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

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

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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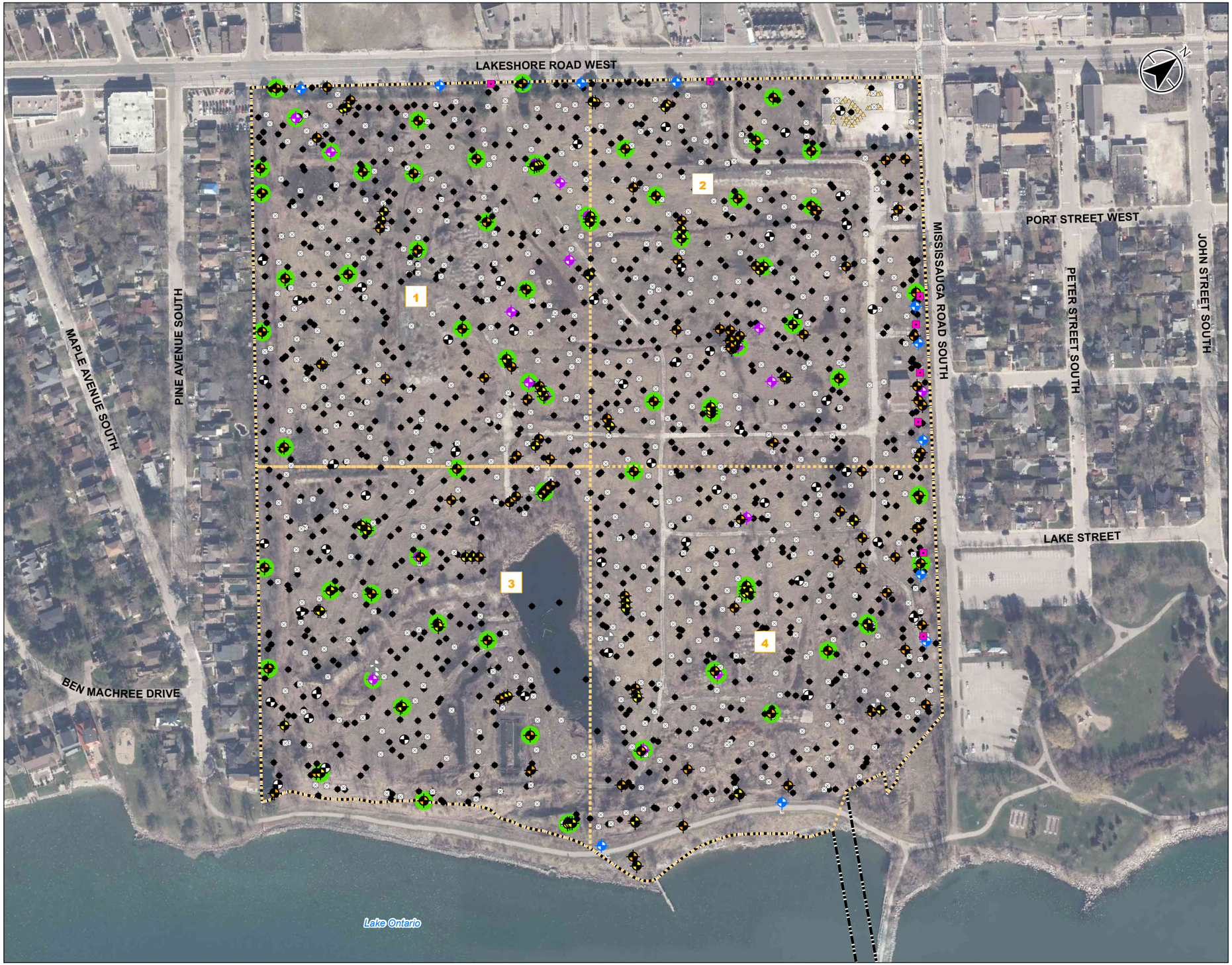

Stantec

- 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

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 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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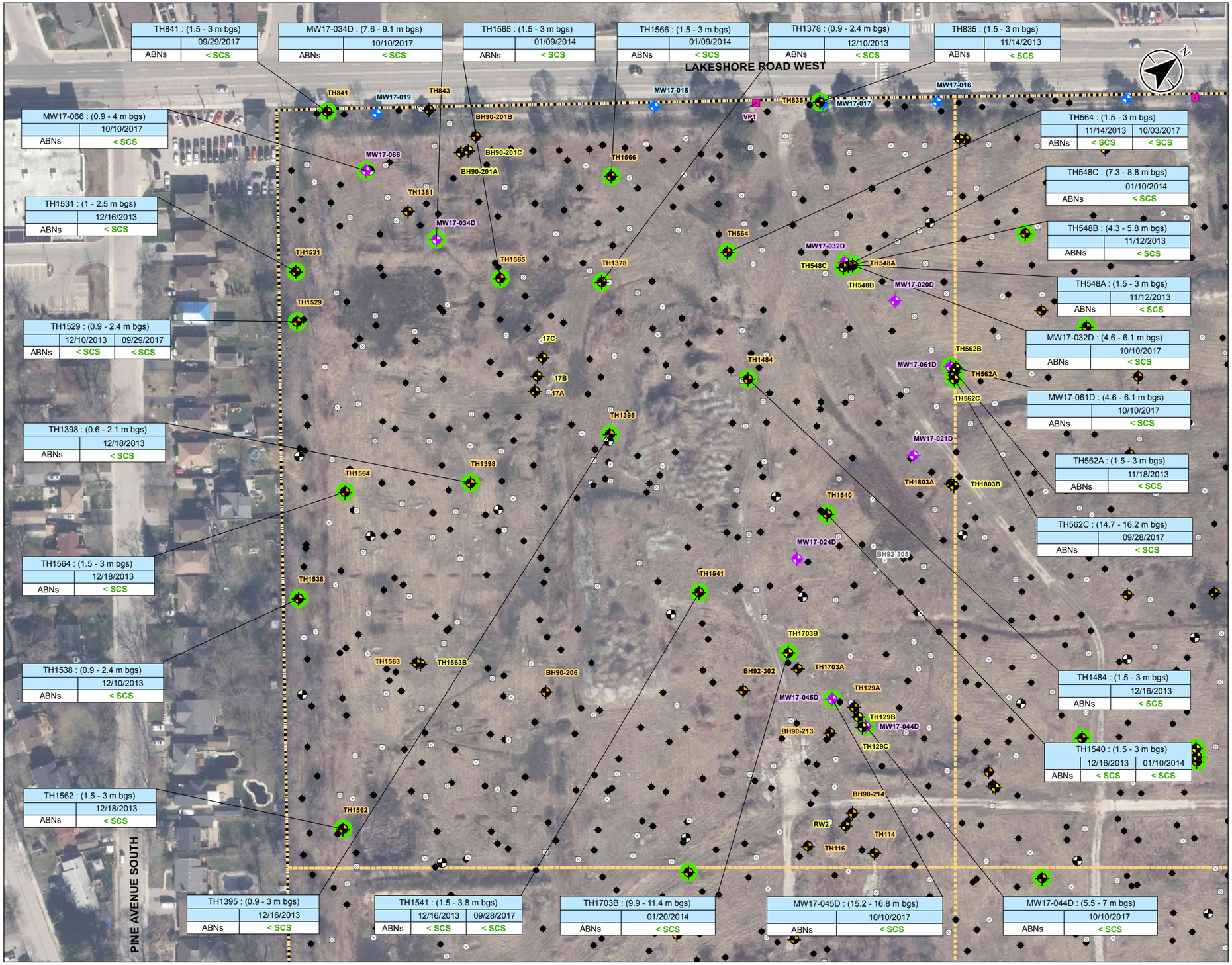

Stantec

- 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

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. 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

\\Ca1122420\work_group\01221\active\122120255\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig17b_17c_SitePlan_GW Results_ABNs.mxd Revised: 2018-03-07 By: jonoser

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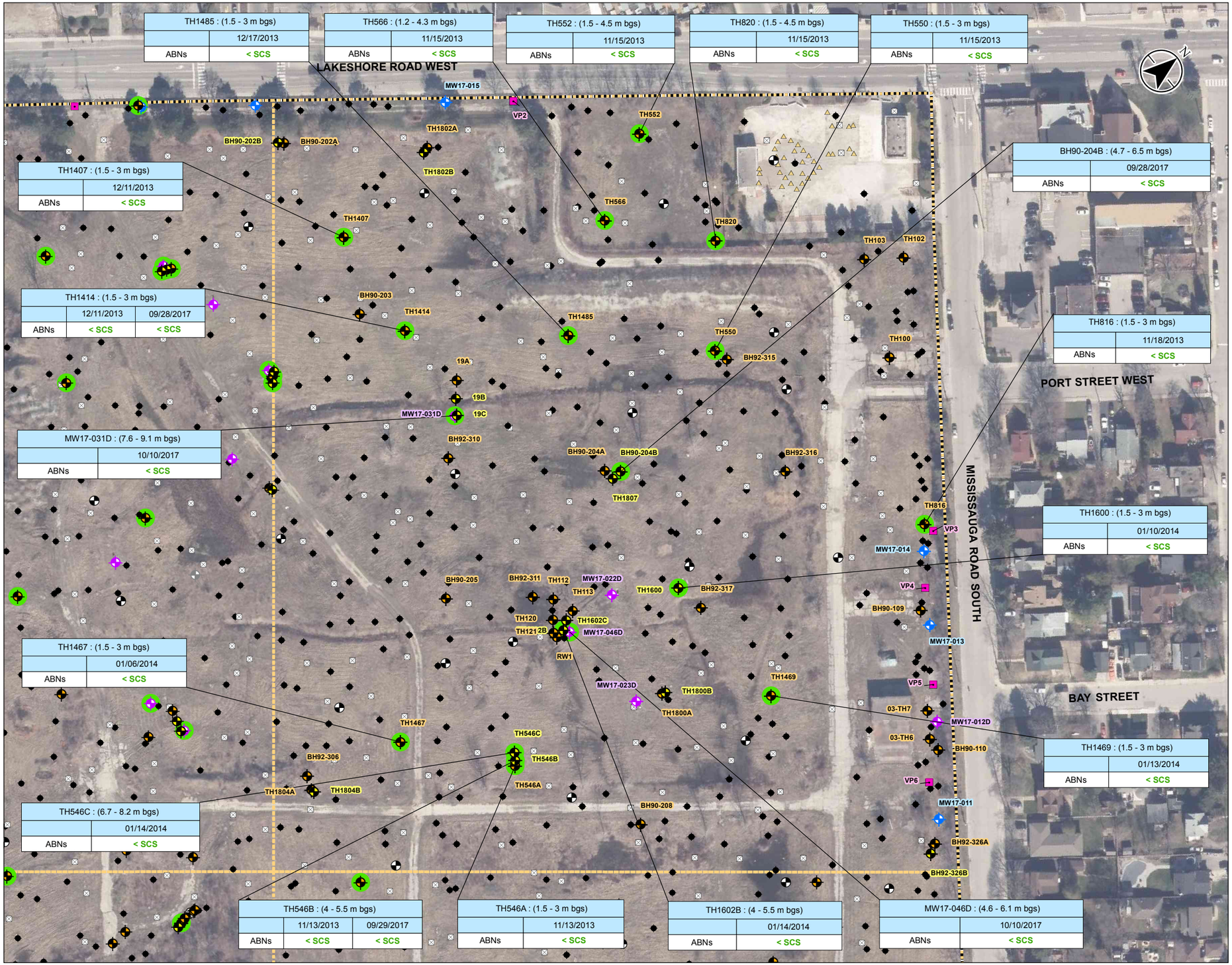

TH1485 : (1.5 - 3 m bgs)	
	12/17/2013
ABNs	< SCS

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

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

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

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

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

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

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

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

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

TH1600 : (1.5 - 3 m bgs)	
	01/10/2014
ABNs	< SCS

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

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

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

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

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

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

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

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)		— 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

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. 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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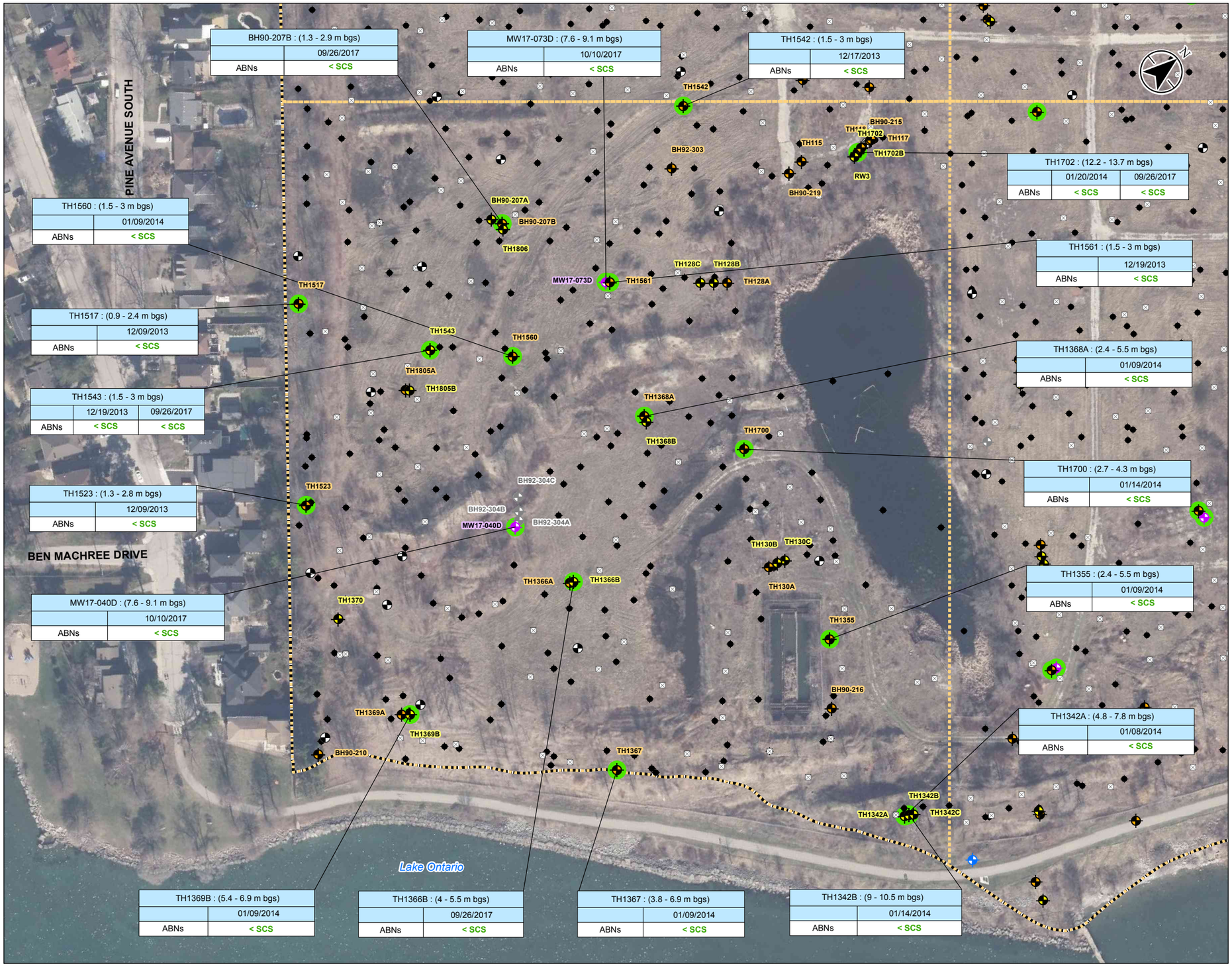
\\Ca1214-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig17b - 17e SitePlan GW Results - ABNs.mxd Revised: 2018-03-07 By: jomoser



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

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. 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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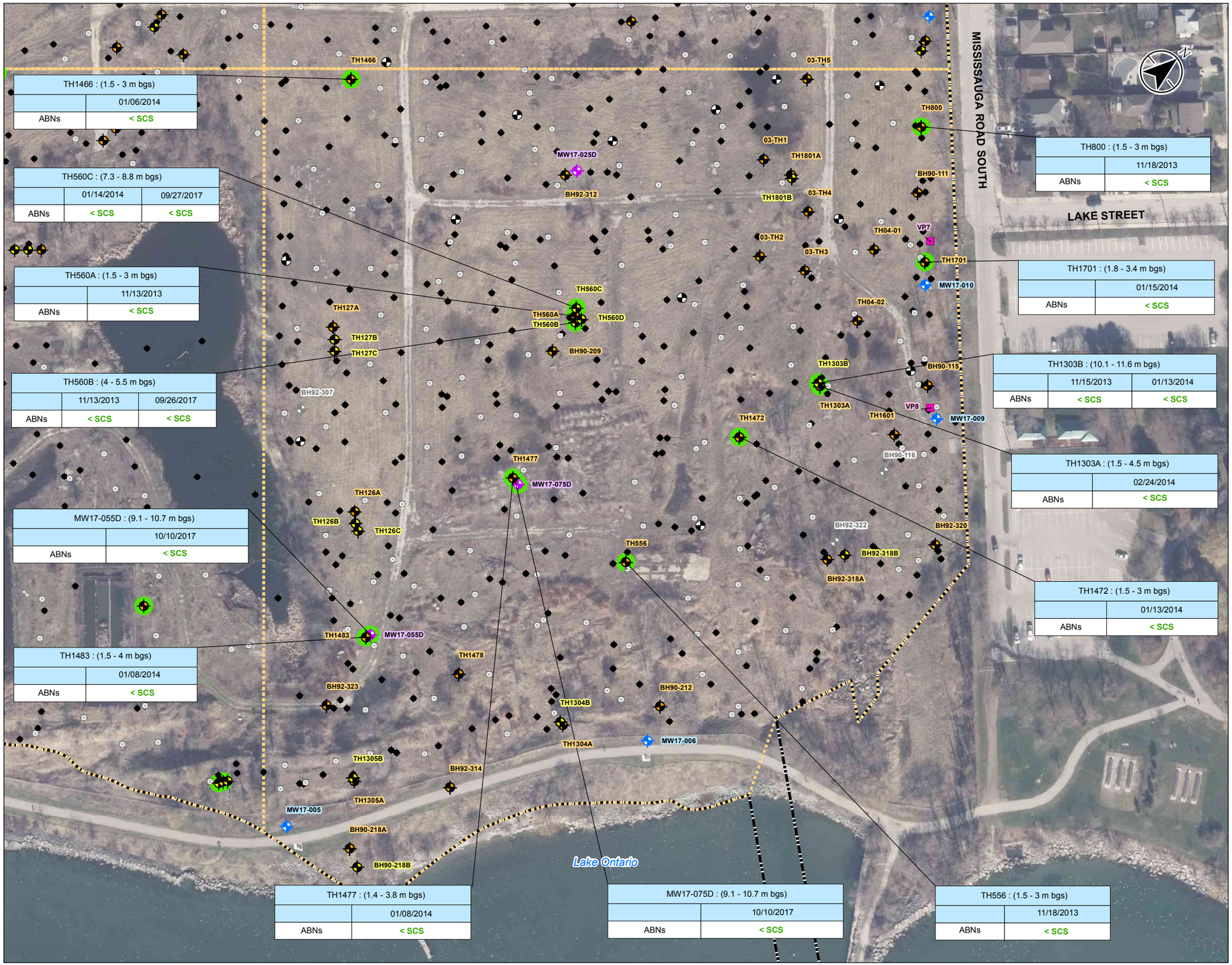

TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
ABNs	< SCS

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

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

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

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

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

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

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

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

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

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

TH1477 : (1.4 - 3.8 m bgs)	
	01/08/2014
ABNs	< SCS

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

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

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

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. 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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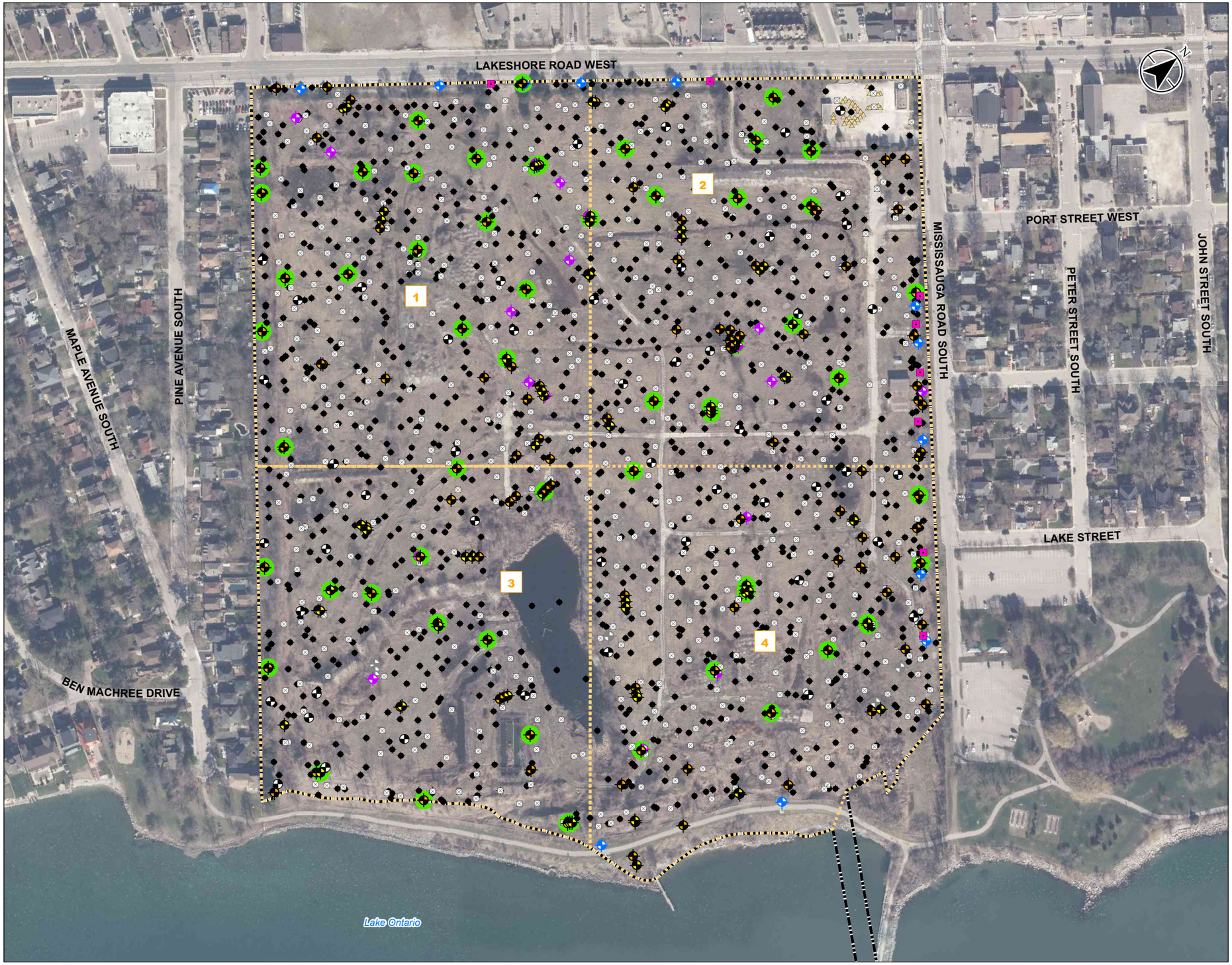

Stantec

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

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 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

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

Figure No.

18a

Title

Summary of Groundwater Analytical Results - Chlorophenols

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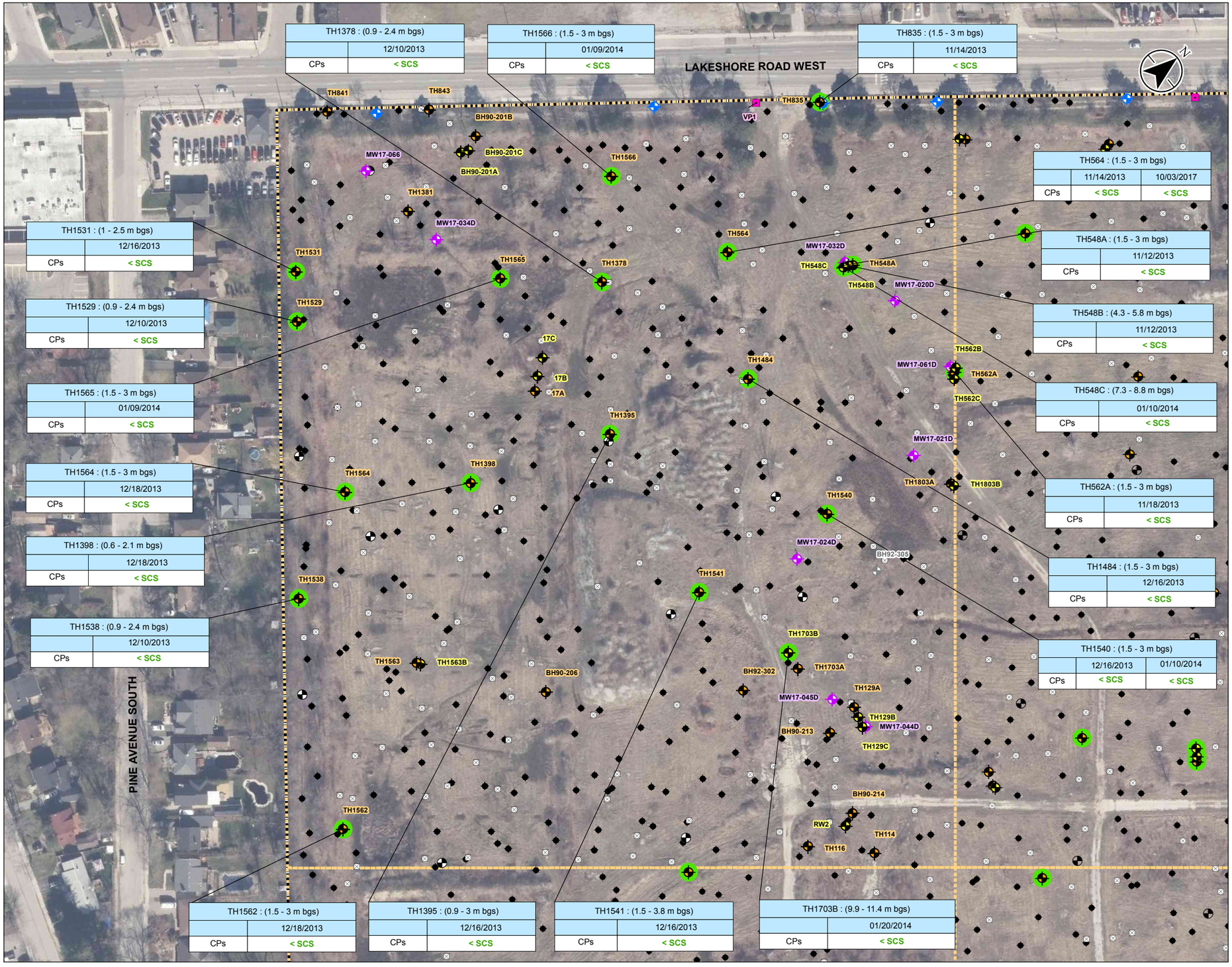

Stantec

- 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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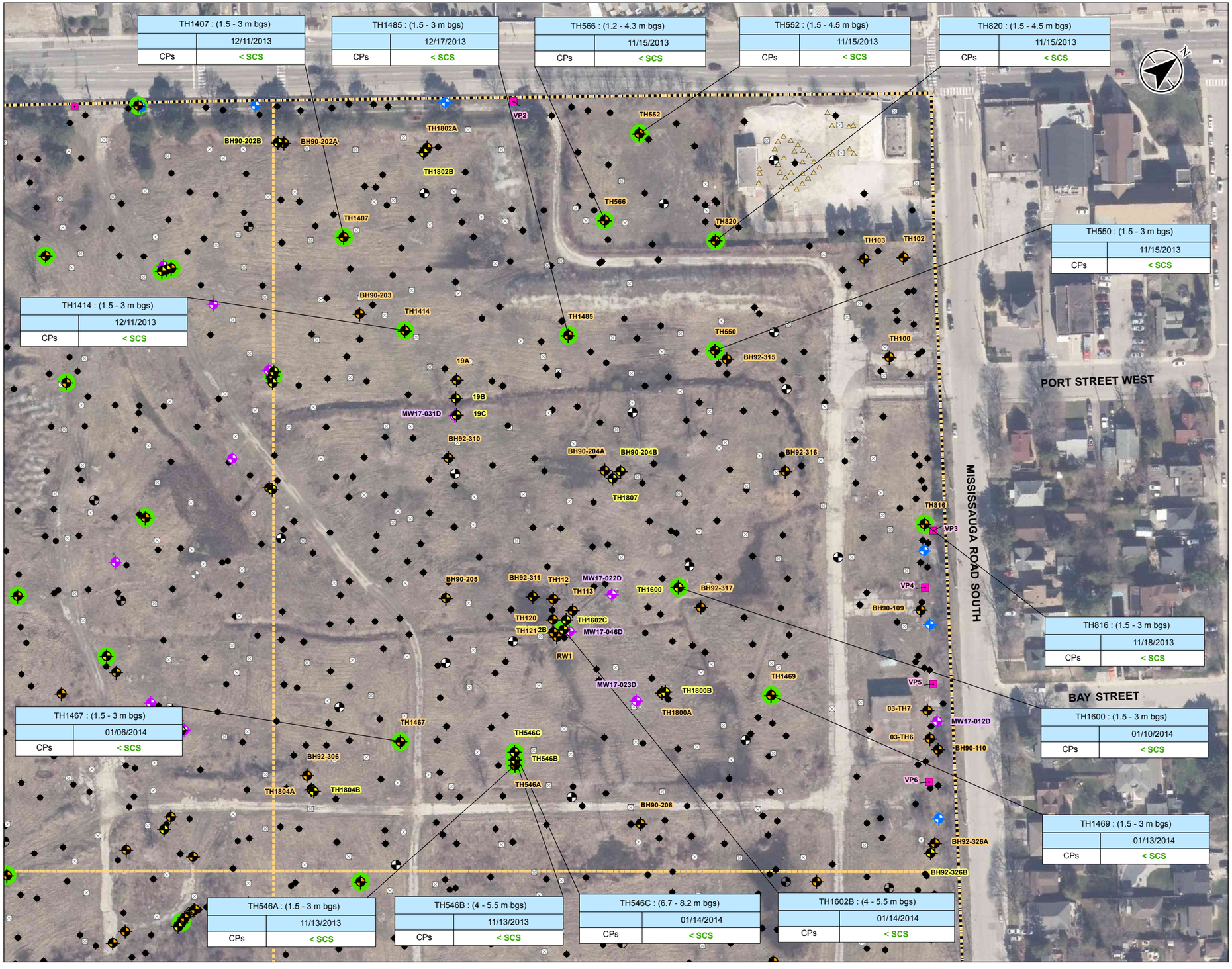

Stantec

- 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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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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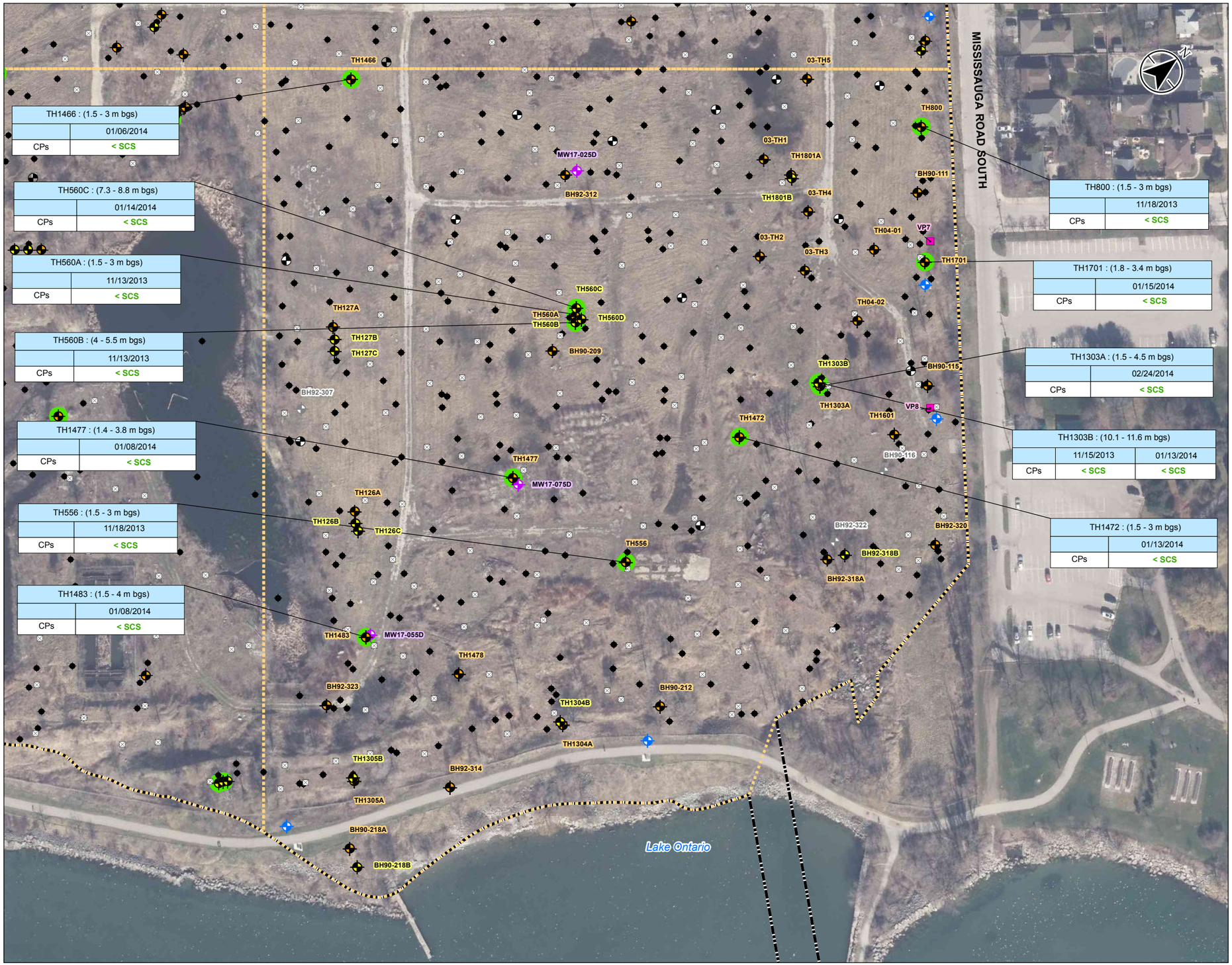

TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
CPs	< SCS

TH560C : (7.3 - 8.8 m bgs)	
	01/14/2014
CPs	< SCS

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

TH560B : (4 - 5.5 m bgs)	
	11/13/2013
CPs	< SCS

TH1477 : (1.4 - 3.8 m bgs)	
	01/08/2014
CPs	< SCS

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

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

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

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

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

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

TH1472 : (1.5 - 3 m bgs)	
	01/13/2014
CPs	< 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	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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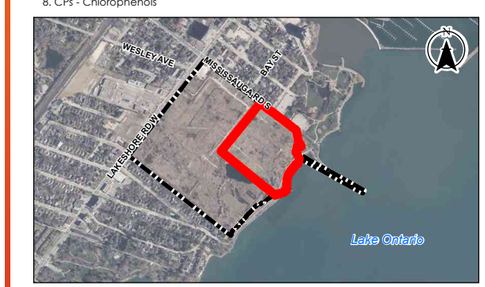
4. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
6. SCS - site condition standard
7. m bgs - metres below ground surface
8. CPs - Chlorophenols



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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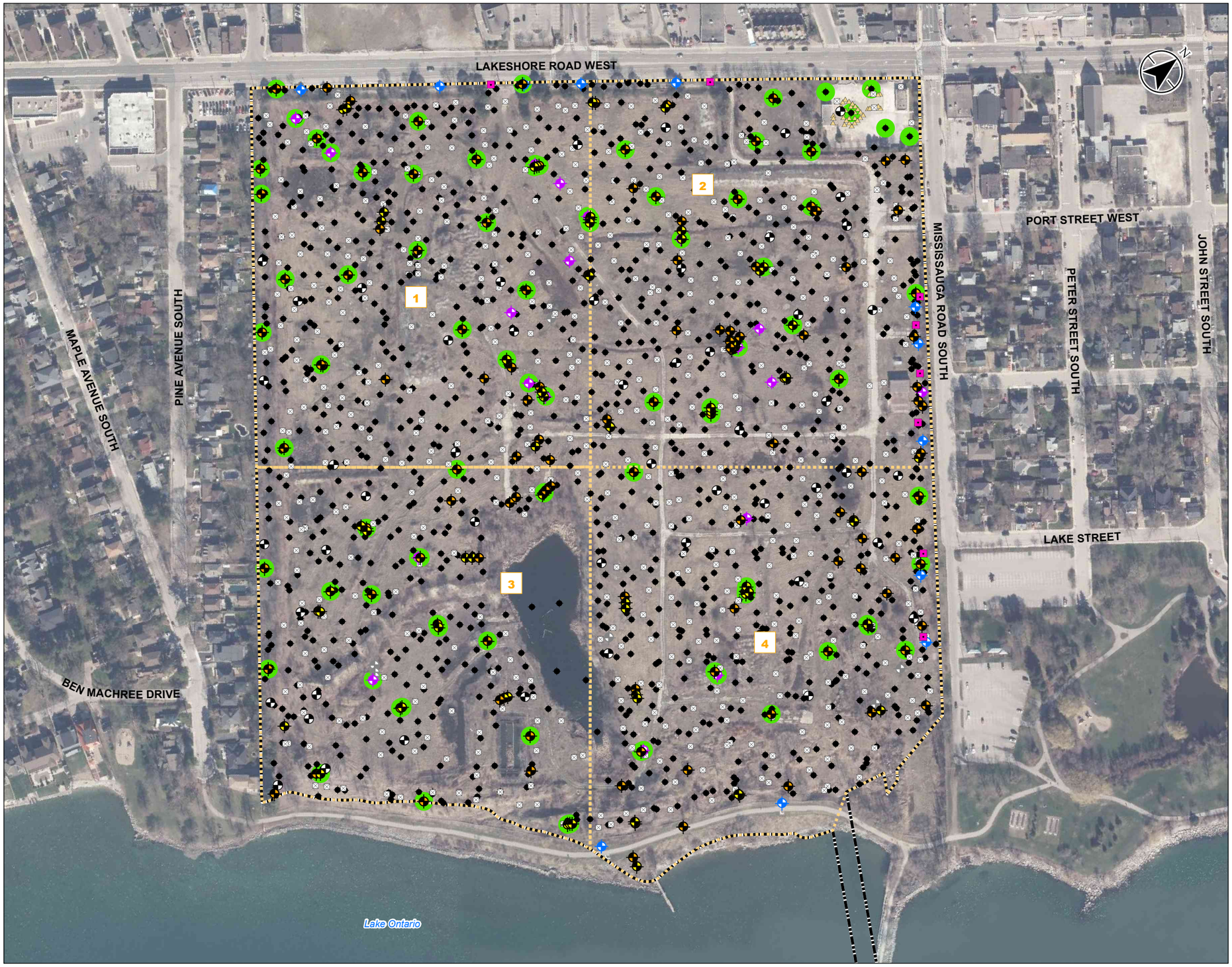

Stantec

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

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 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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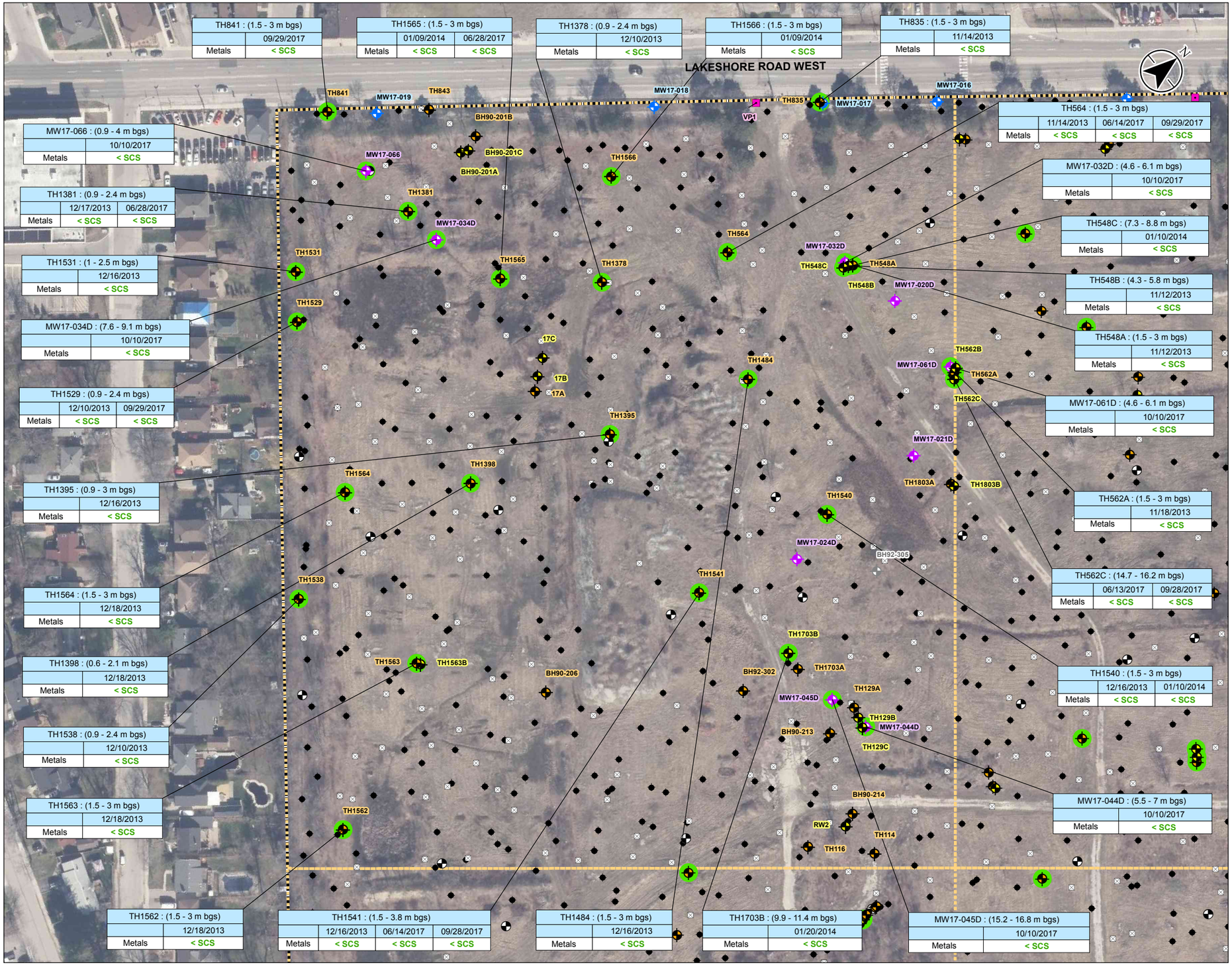

Stantec

- 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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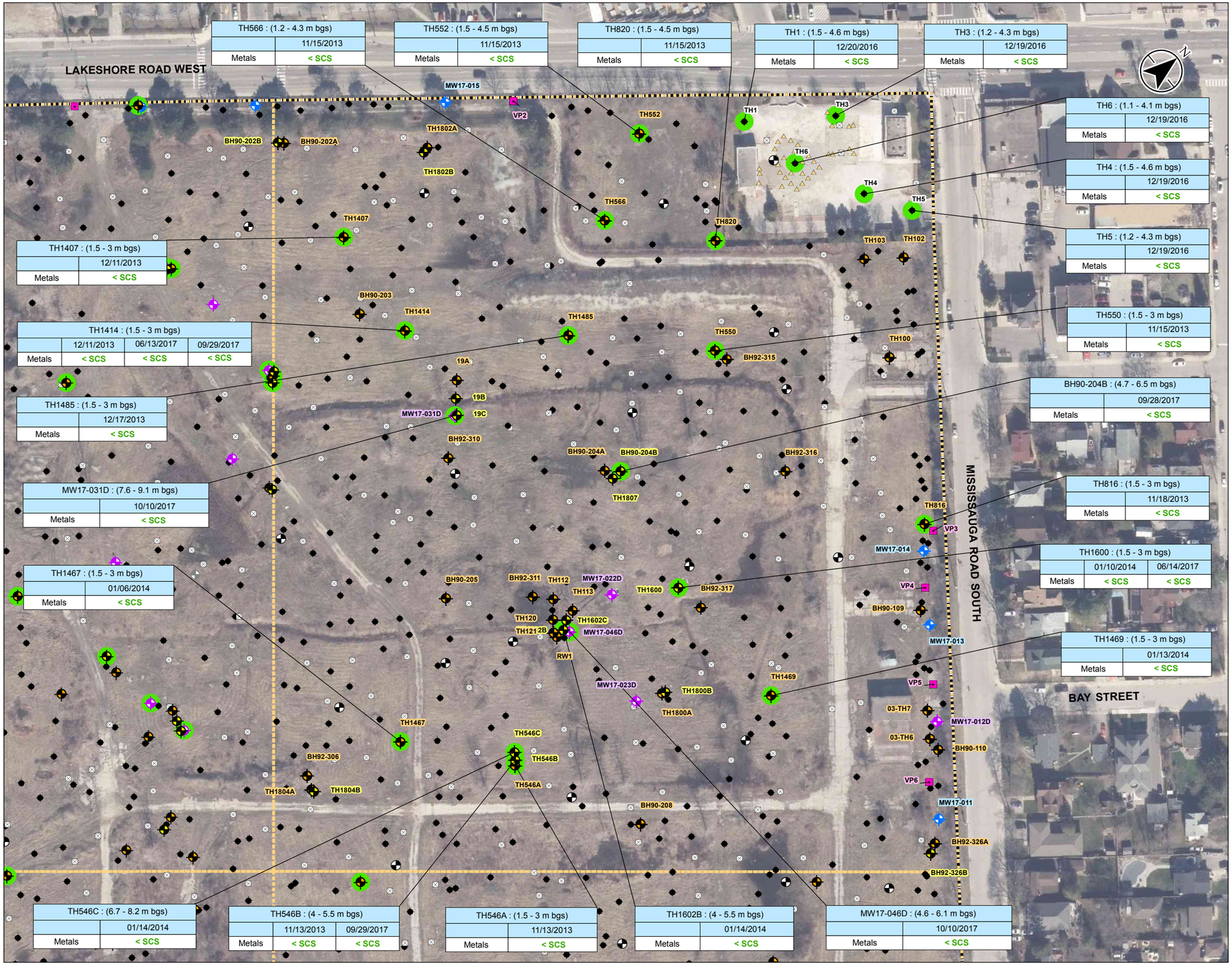

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
Metals	< SCS

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

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

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

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

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

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

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

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

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

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	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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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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\\Ca1122410\work_group\01221\active\122120255\planning\drawings\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig19b_19c_SitePlan CW Results Metals.mxd Revised: 2018-03-07 By: pmoser

BH90-207B : (1.3 - 2.9 m bgs)	
	09/26/2017
Metals	< SCS

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

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

TH1561 : (1.5 - 3 m bgs)	
	12/19/2013
Metals	< SCS

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

TH1517 : (0.9 - 2.4 m bgs)	
	12/09/2013
Metals	< SCS

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

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

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

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

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

TH1702B : (14.7 - 16.2 m bgs)	
	06/13/2017
Metals	< SCS

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

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

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

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

TH1342B : (9 - 10.5 m bgs)	
	01/14/2014
Metals	< SCS

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

TH1366B : (4 - 5.5 m bgs)	
	09/26/2017
Metals	< SCS

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

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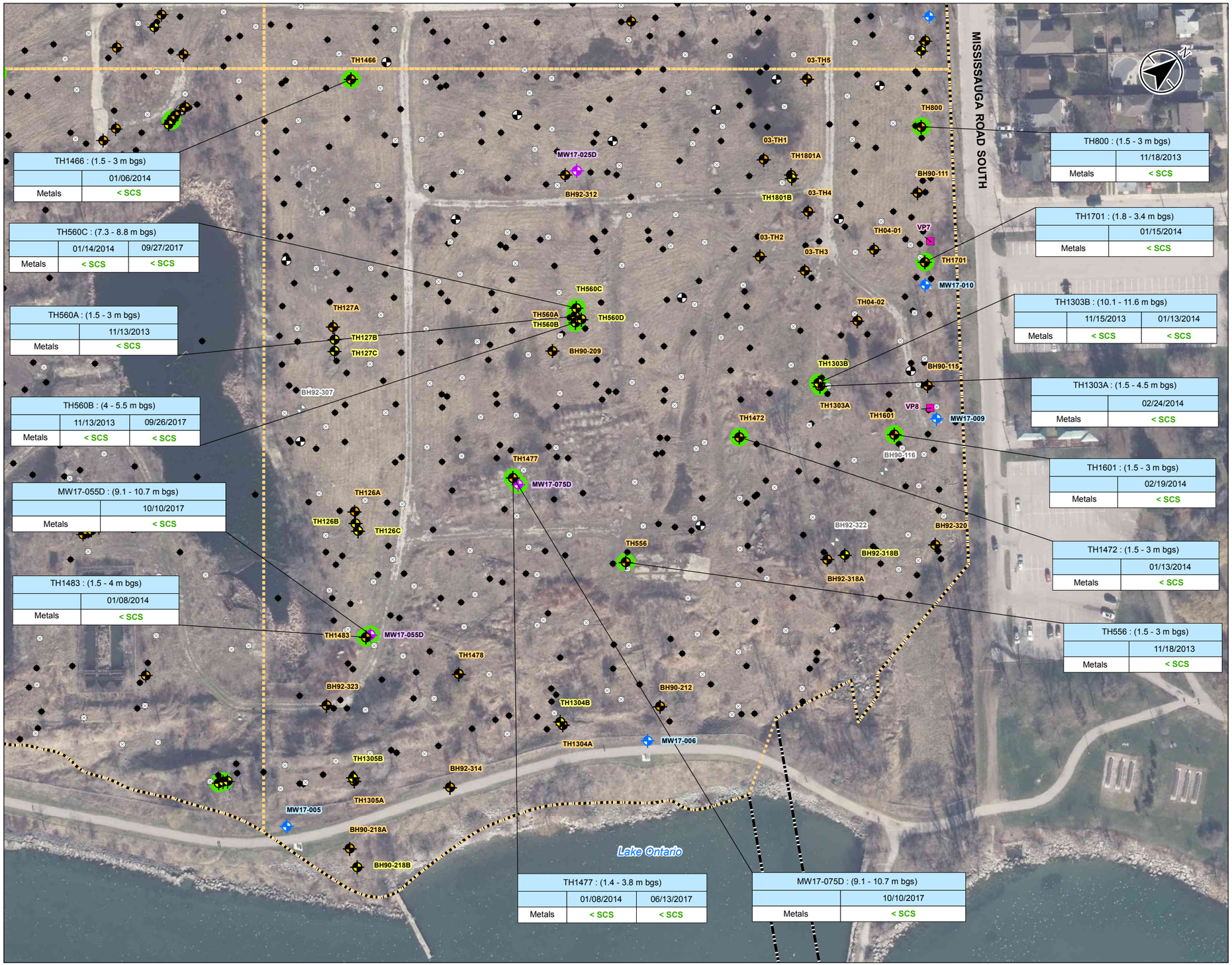

TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
Metals	< SCS

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
	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.

19e

Title

Summary of Groundwater Analytical Results - Metals - Quadrant 4

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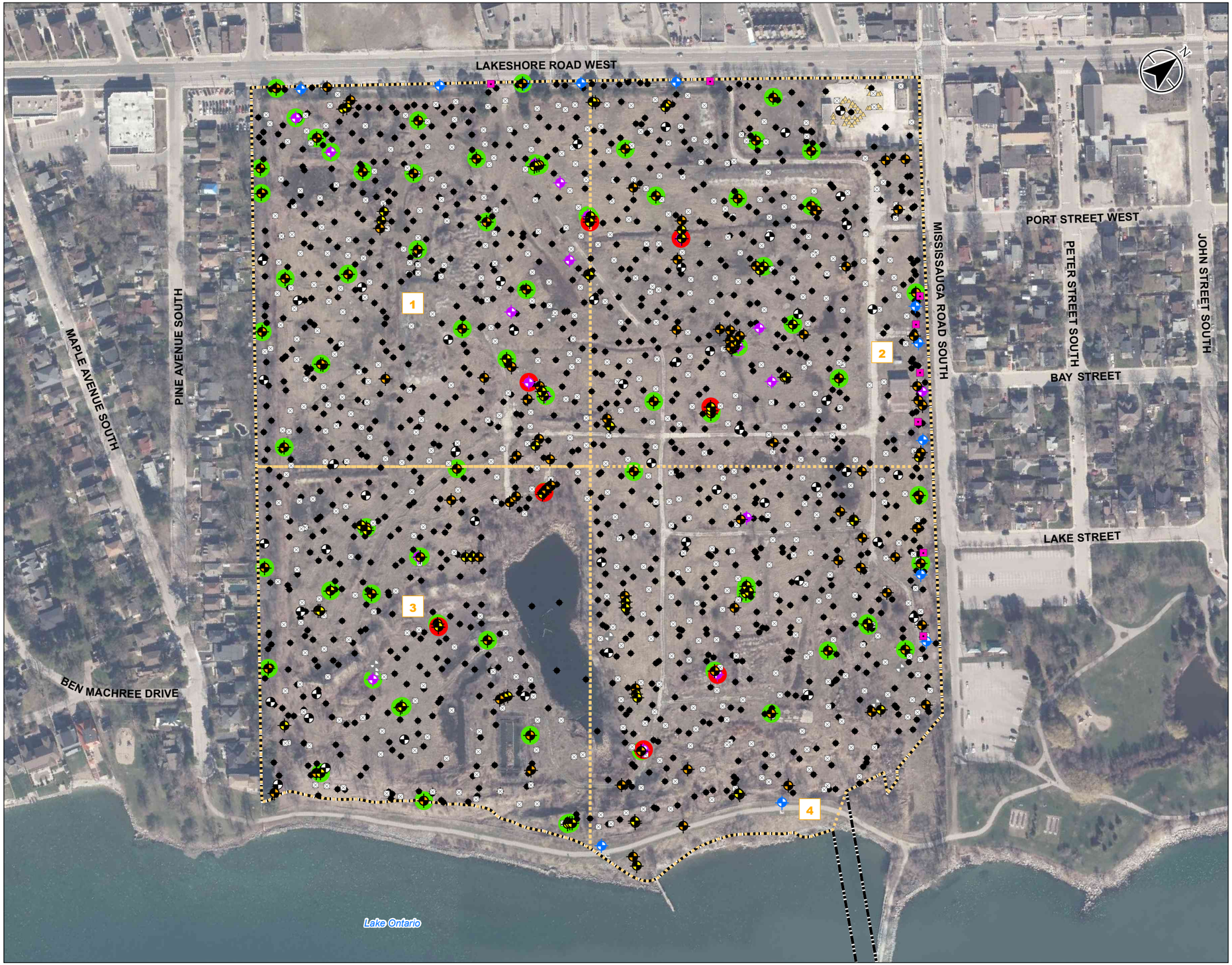

Stantec

- 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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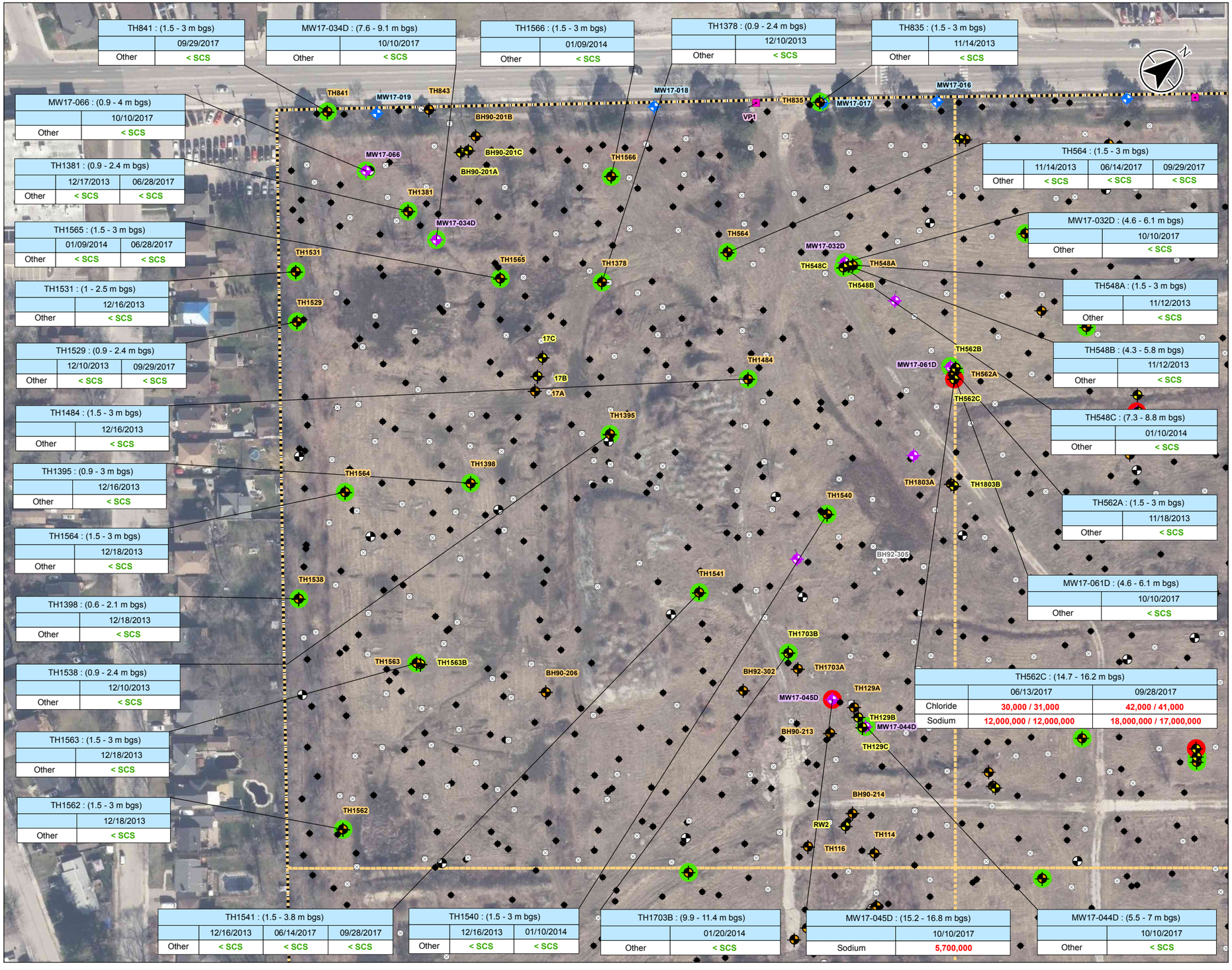

TH841 : (1.5 - 3 m bgs)	
	09/29/2017
Other	< SCS

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

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

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

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

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

TH1381 : (0.9 - 2.4 m bgs)		
	12/17/2013	06/28/2017
Other	< SCS	< SCS

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

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

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

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

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

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

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

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

TH1563 : (1.5 - 3 m bgs)	
	12/18/2013
Other	< SCS

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

TH564 : (1.5 - 3 m bgs)			
	11/14/2013	06/14/2017	09/29/2017
Other	< SCS	< SCS	< SCS

MW17-032D : (4.6 - 6.1 m bgs)	
	10/10/2017
Other	< SCS

TH548A : (1.5 - 3 m bgs)	
	11/12/2013
Other	< SCS

TH548B : (4.3 - 5.8 m bgs)	
	11/12/2013
Other	< SCS

TH548C : (7.3 - 8.8 m bgs)	
	01/10/2014
Other	< SCS

TH562A : (1.5 - 3 m bgs)	
	11/18/2013
Other	< SCS

MW17-061D : (4.6 - 6.1 m bgs)	
	10/10/2017
Other	< SCS

TH562C : (14.7 - 16.2 m bgs)		
	06/13/2017	09/28/2017
Chloride	30,000 / 31,000	42,000 / 41,000
Sodium	12,000,000 / 12,000,000	18,000,000 / 17,000,000

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

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

TH1703B : (9.9 - 11.4 m bgs)	
	01/20/2014
Other	< SCS

MW17-045D : (15.2 - 16.8 m bgs)	
	10/10/2017
Sodium	5,700,000

MW17-044D : (5.5 - 7 m bgs)	
	10/10/2017
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)		— 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

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

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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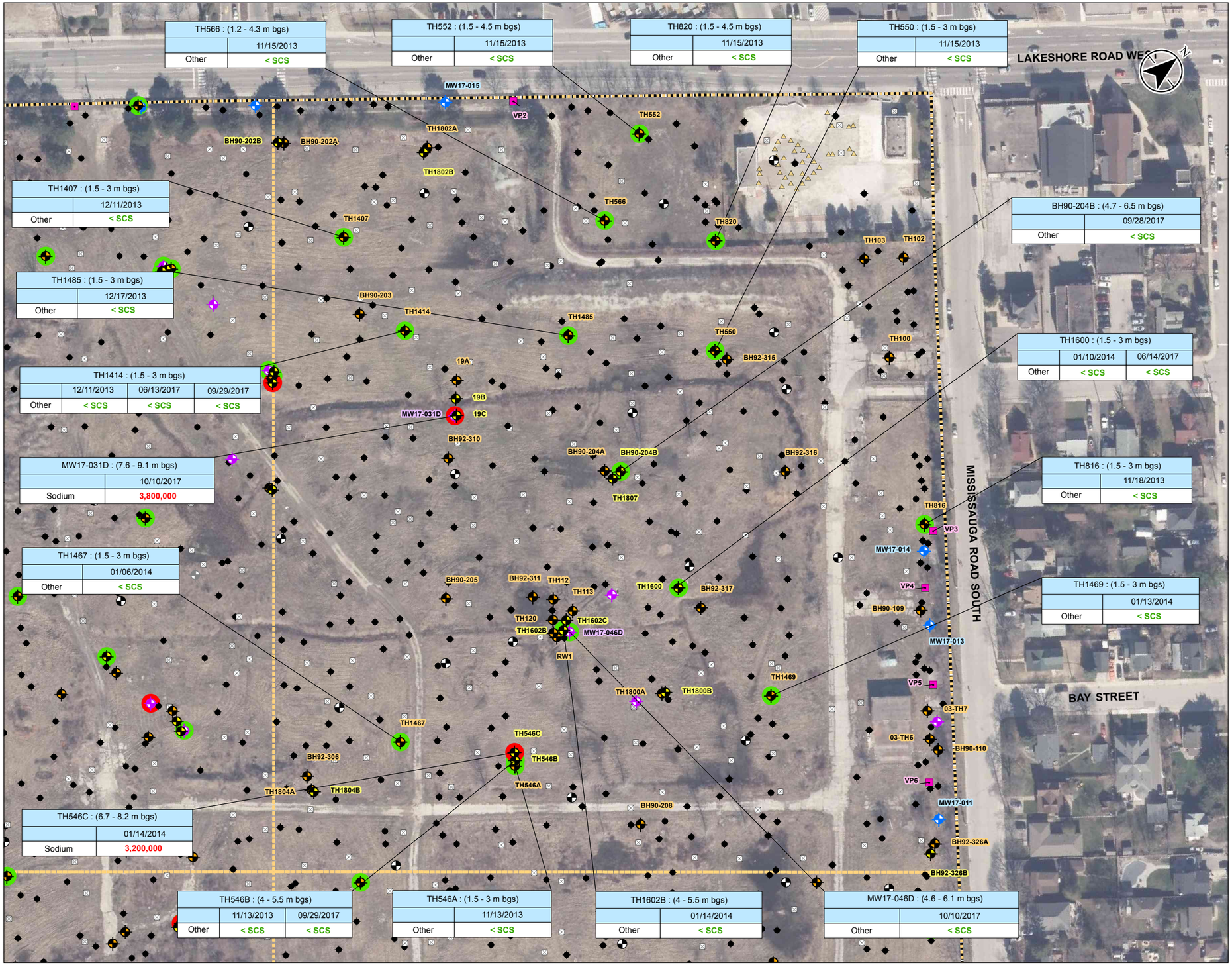

TH566 : (1.2 - 4.3 m bgs)	
	11/15/2013
Other	< SCS

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

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

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

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

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

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

MW17-031D : (7.6 - 9.1 m bgs)	
	10/10/2017
Sodium	3,800,000

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

TH546C : (6.7 - 8.2 m bgs)	
	01/14/2014
Sodium	3,200,000

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

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

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

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

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

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

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

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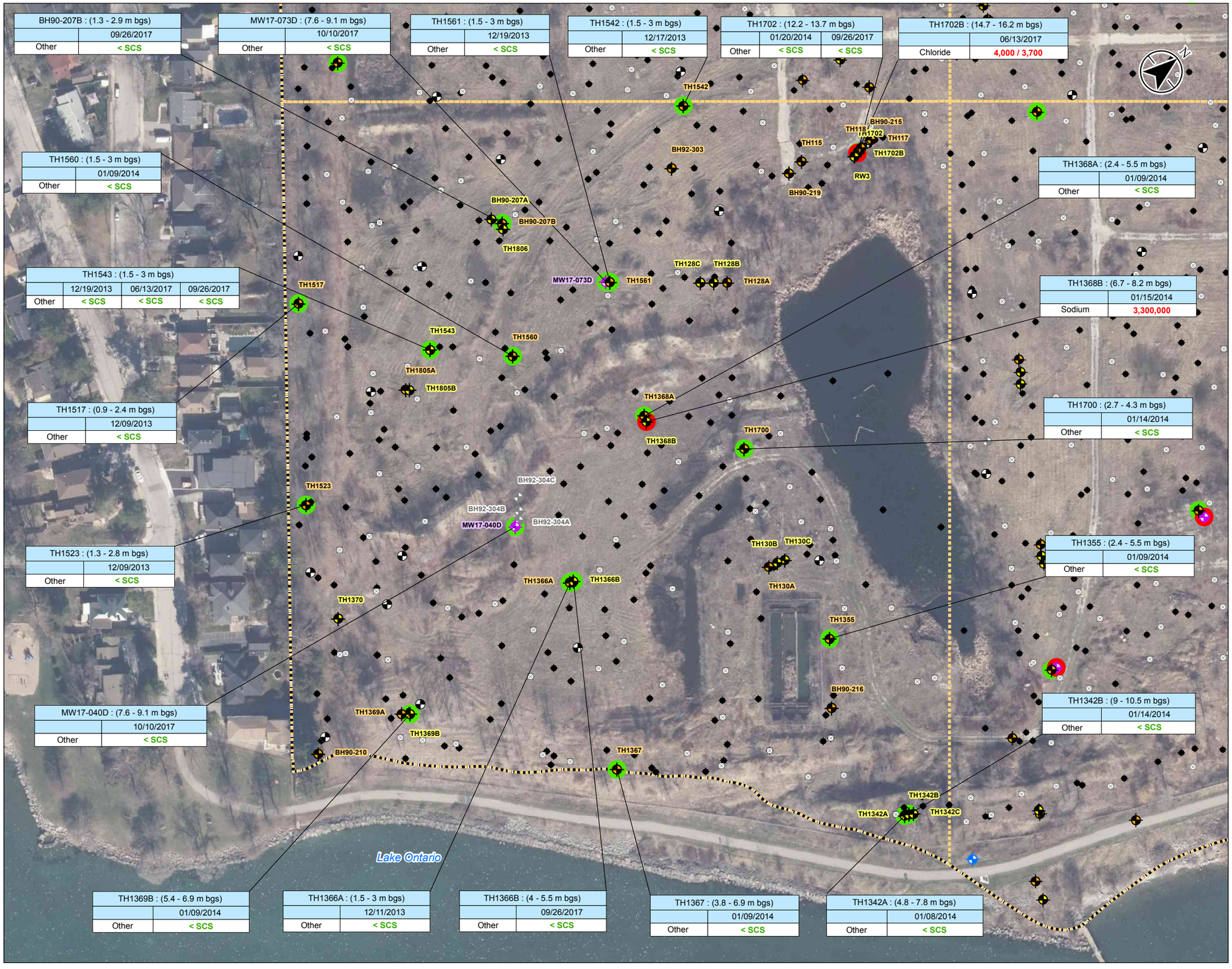

Stantec

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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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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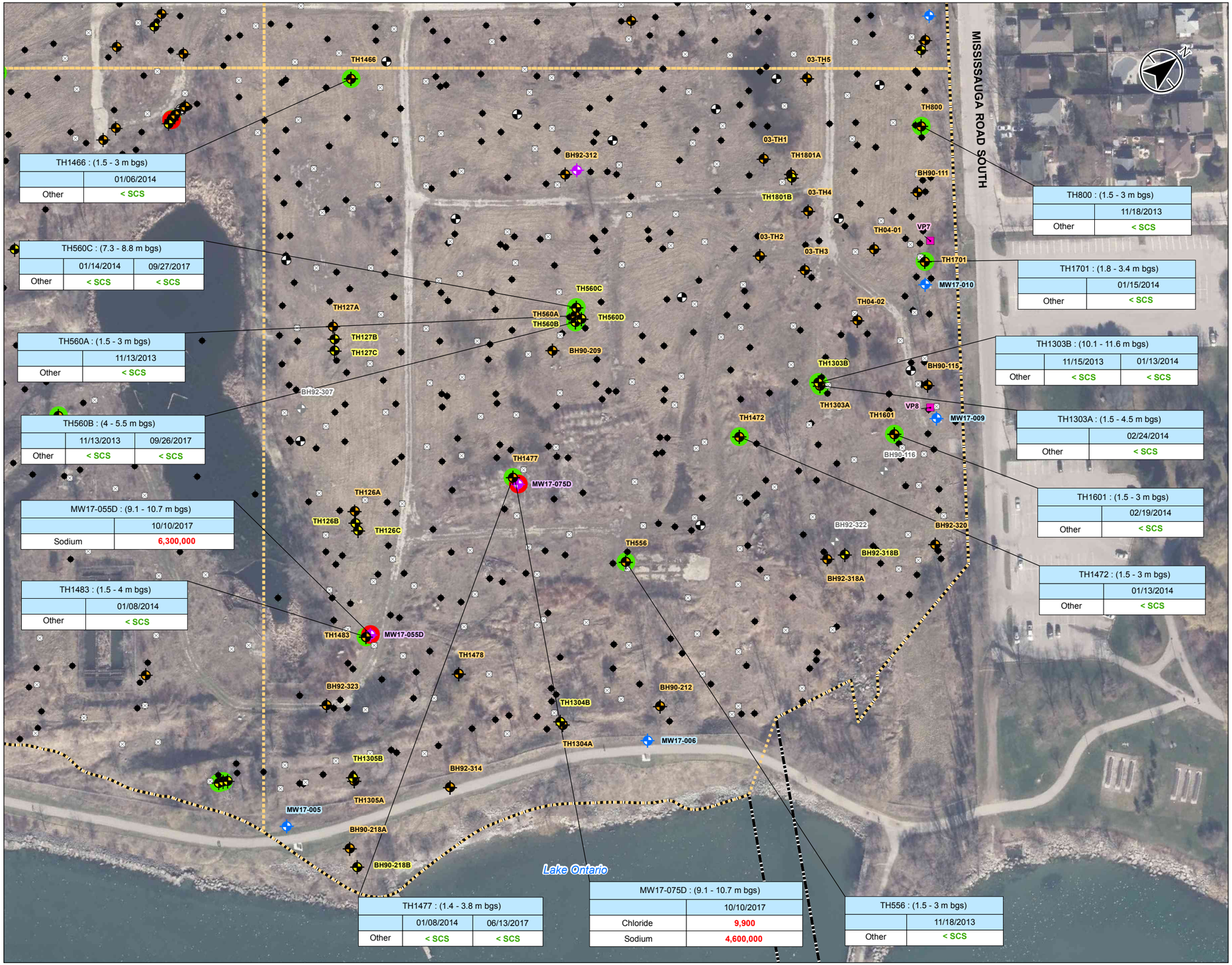

TH1466 : (1.5 - 3 m bgs)	
	01/06/2014
Other	< SCS

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)		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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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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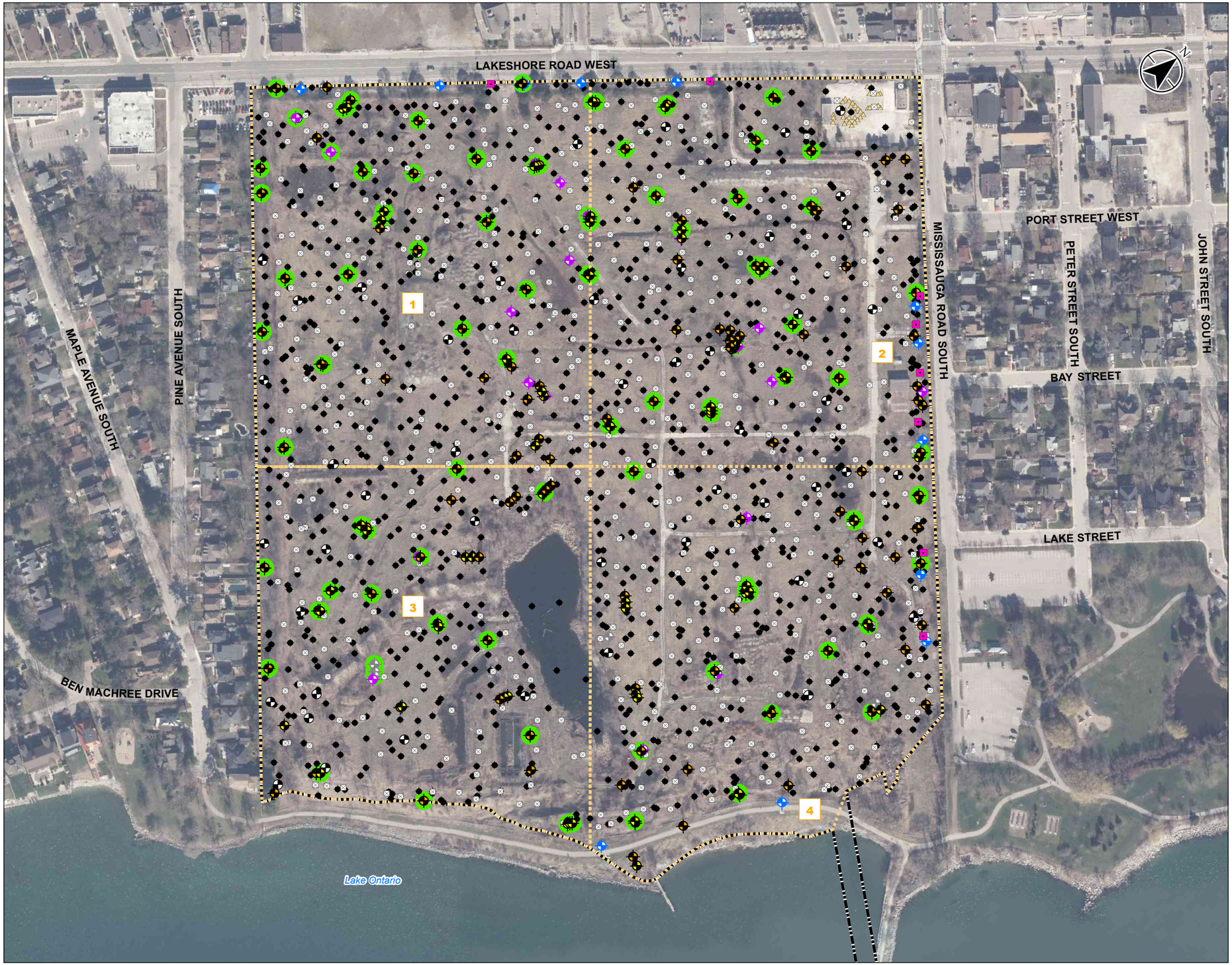

Stantec

- 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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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 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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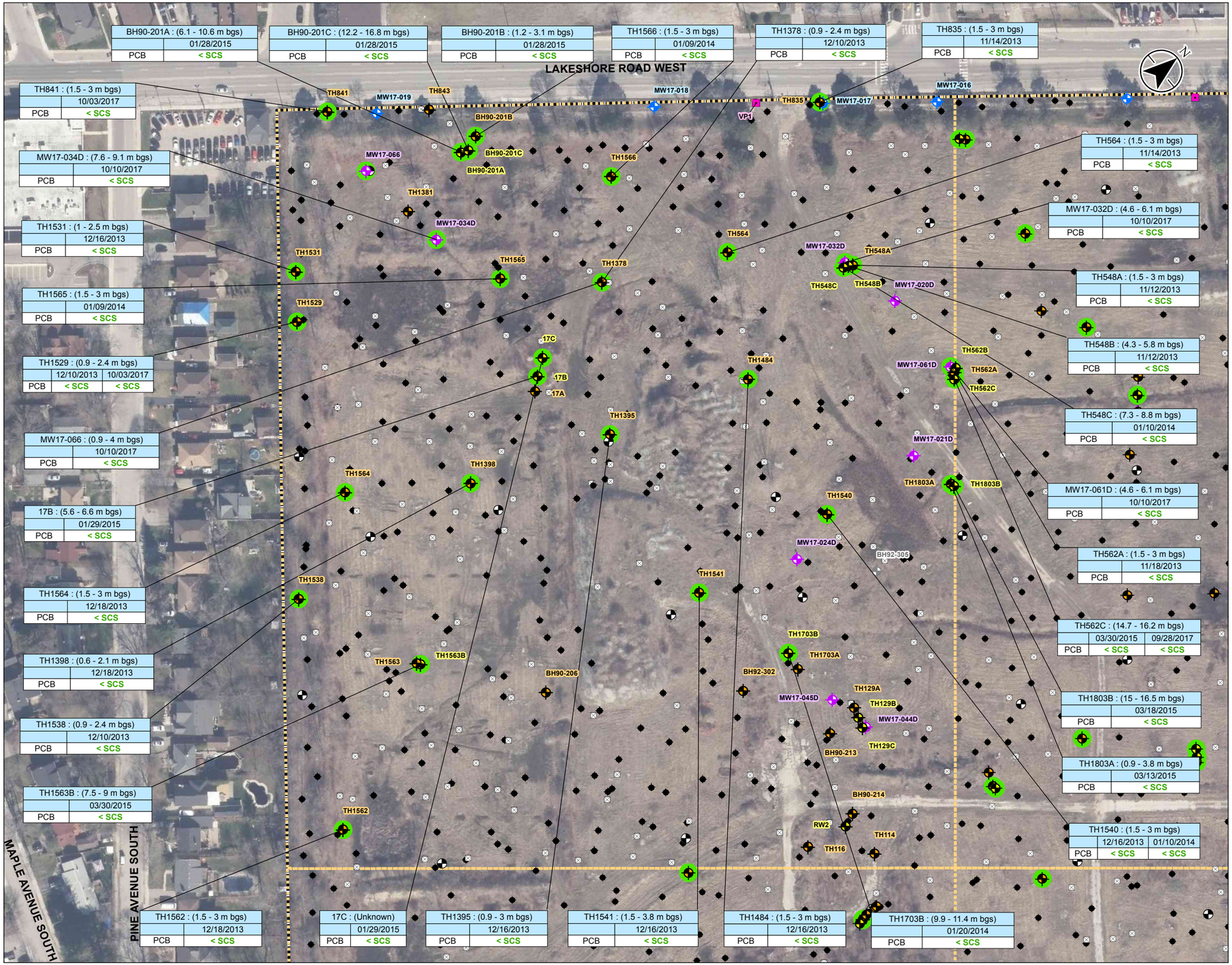

Stantec

- 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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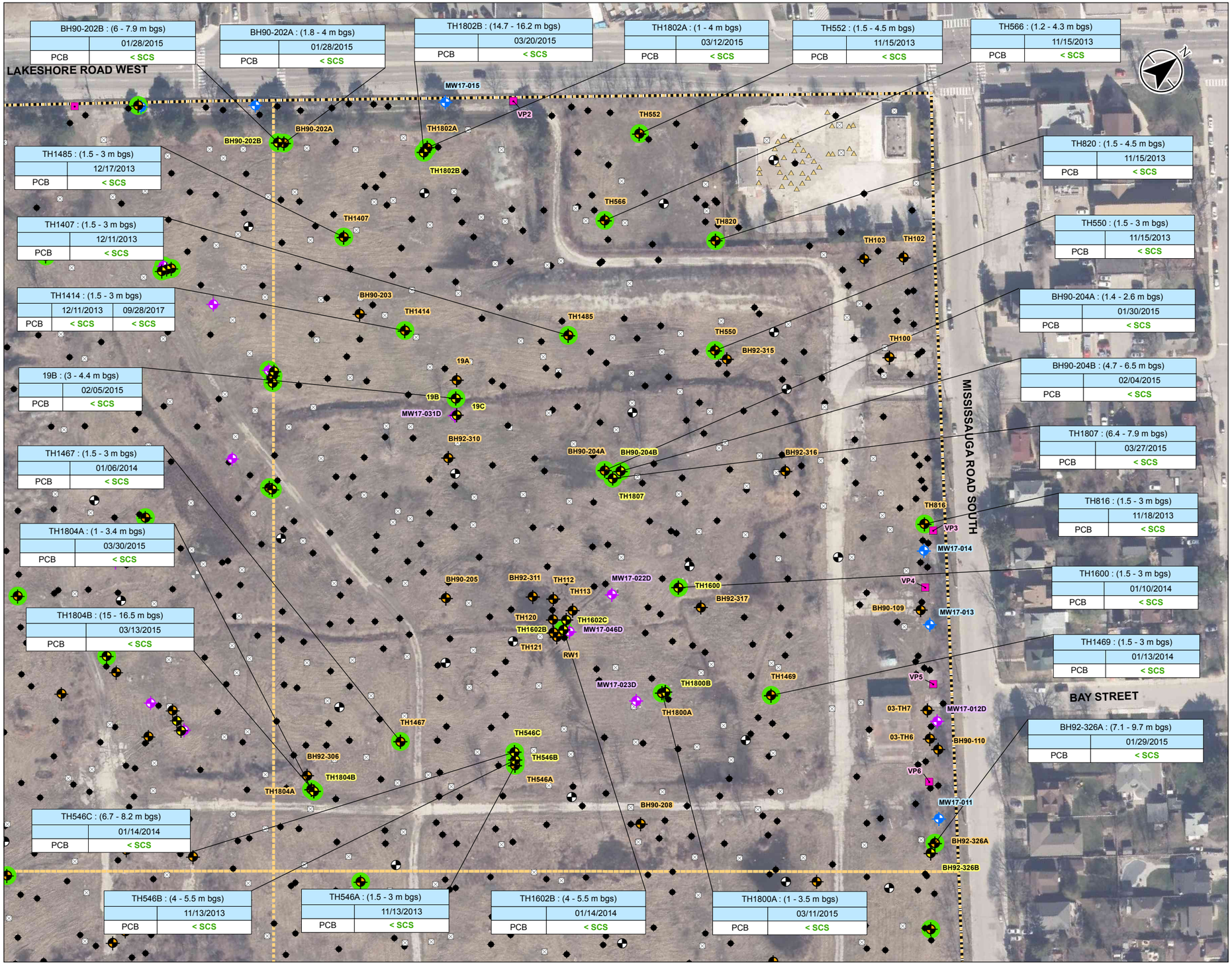
\\ca1224i02\work_group\01221\active\122120255\planning\Grouping\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig21b 21e SitePlan GW Results PCBs.mxd Revised: 2018-03-07 By: pmosier



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)
- 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

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. 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

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. 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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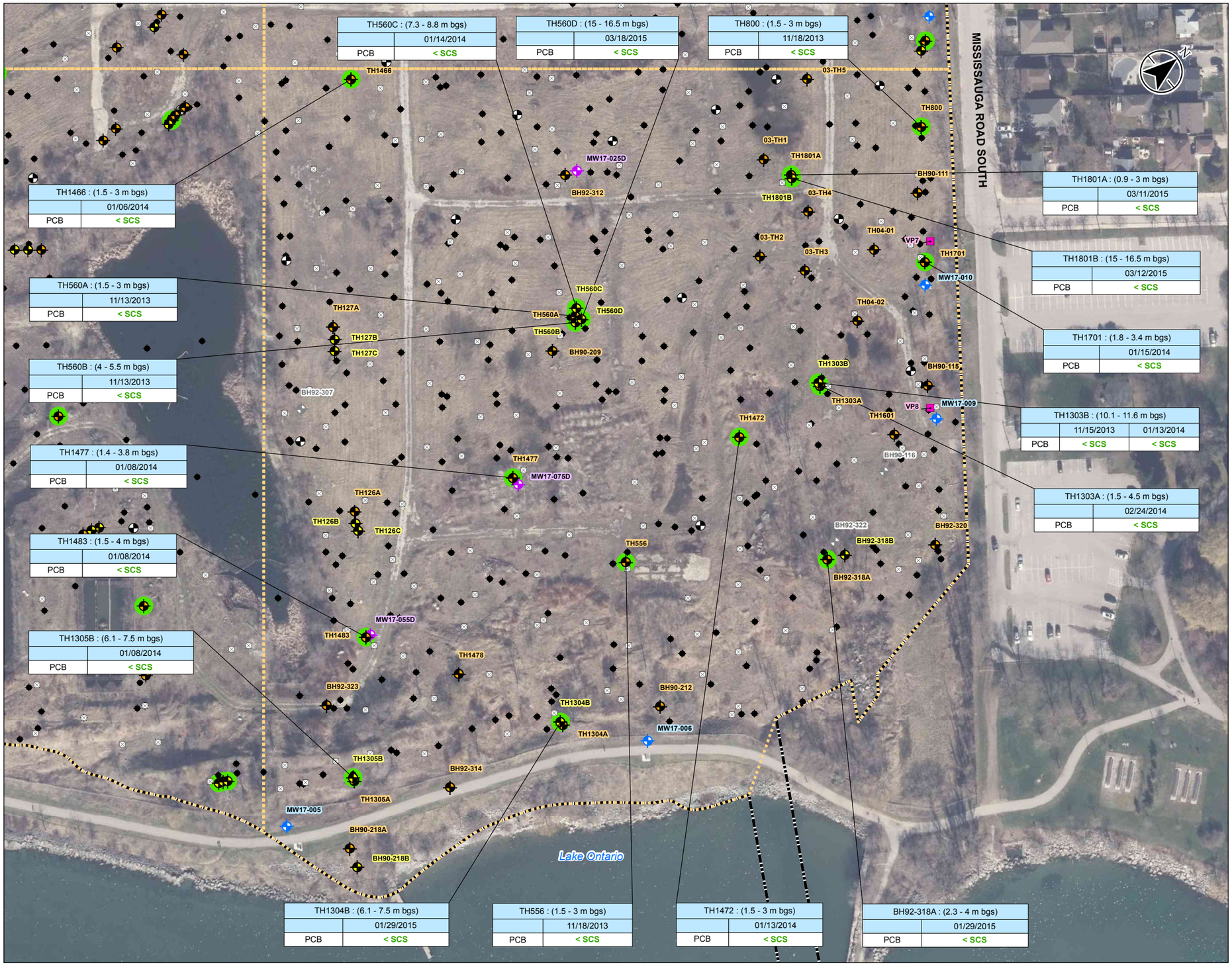

Stantec

- 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

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. 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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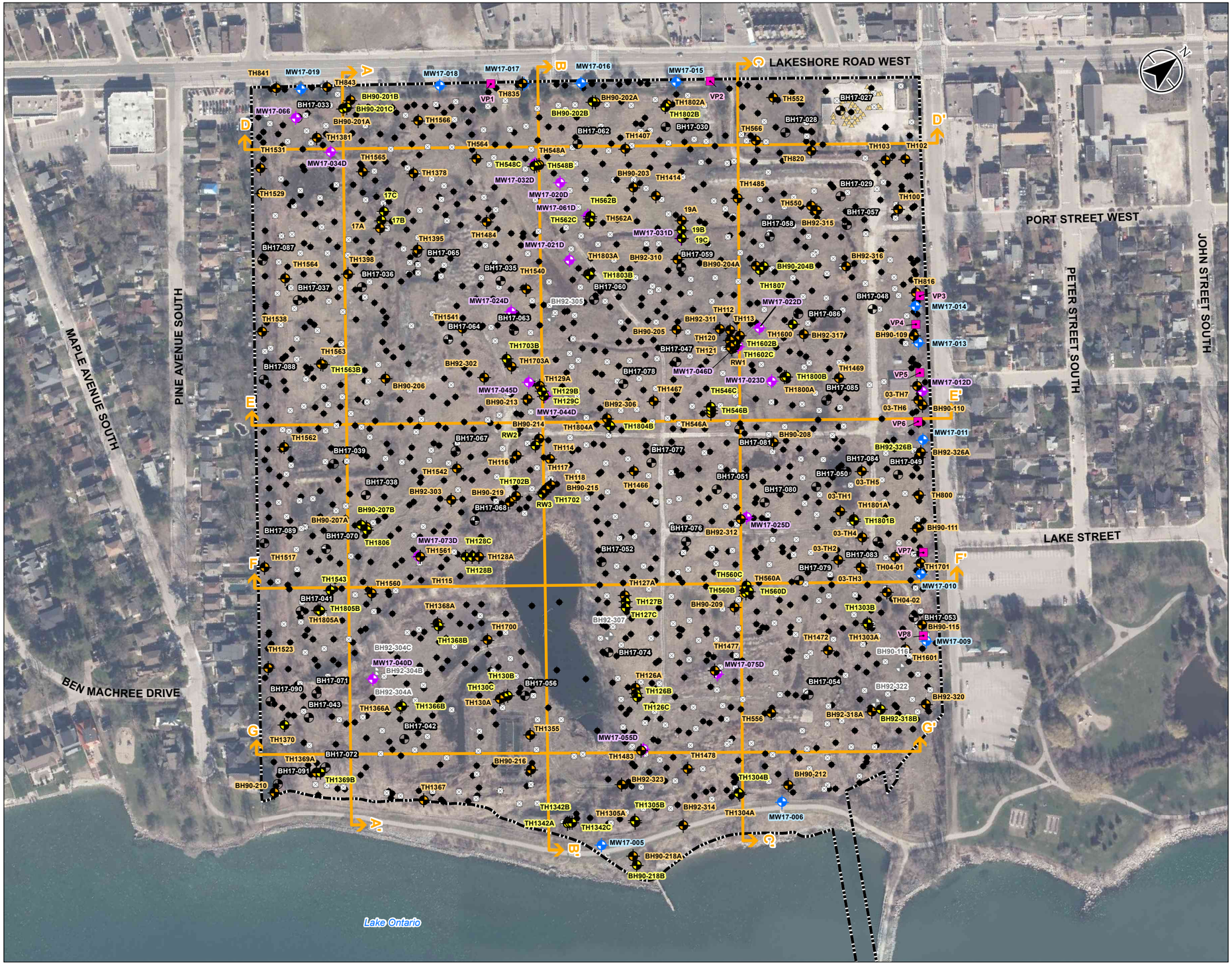

Stantec

- 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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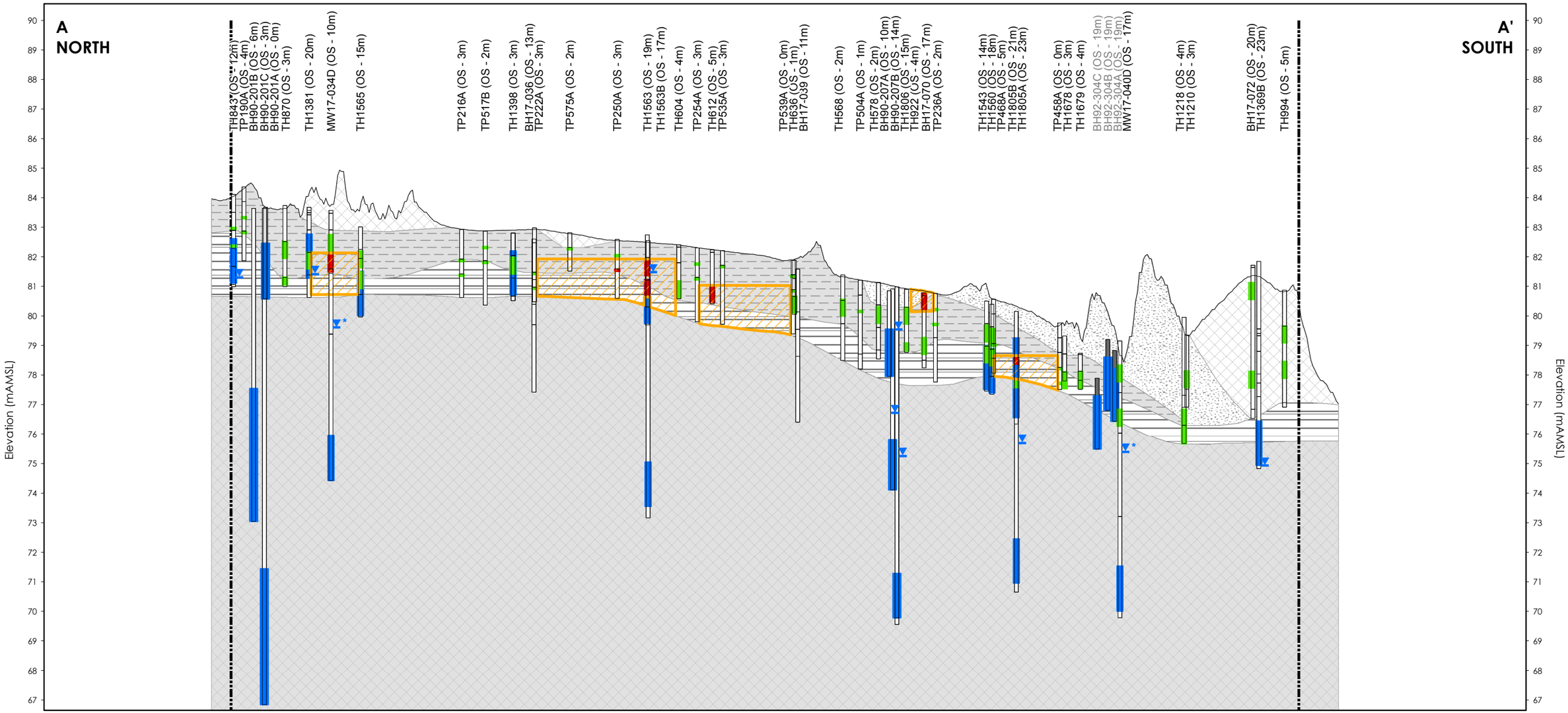


Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. BTEX - Benzene, Toluene, Ethylbenzene, Xylenes, 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

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)
Benzene	0.17
Toluene	6
Ethylbenzene	15
Xylenes, Total	25

* Refer to Table 3 for full BTEX results.

Stantec

Project Location
Mississauga, Ontario

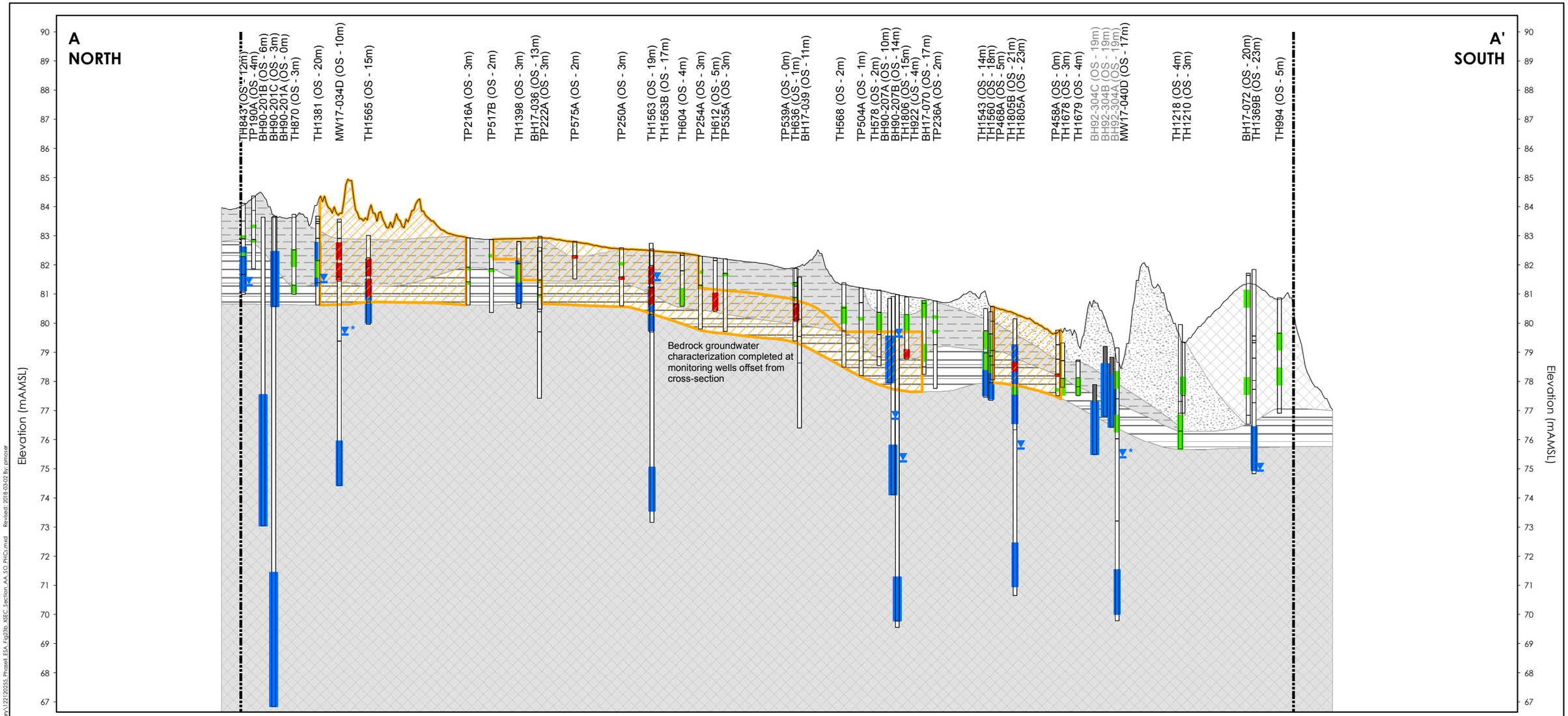
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\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



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

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)
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

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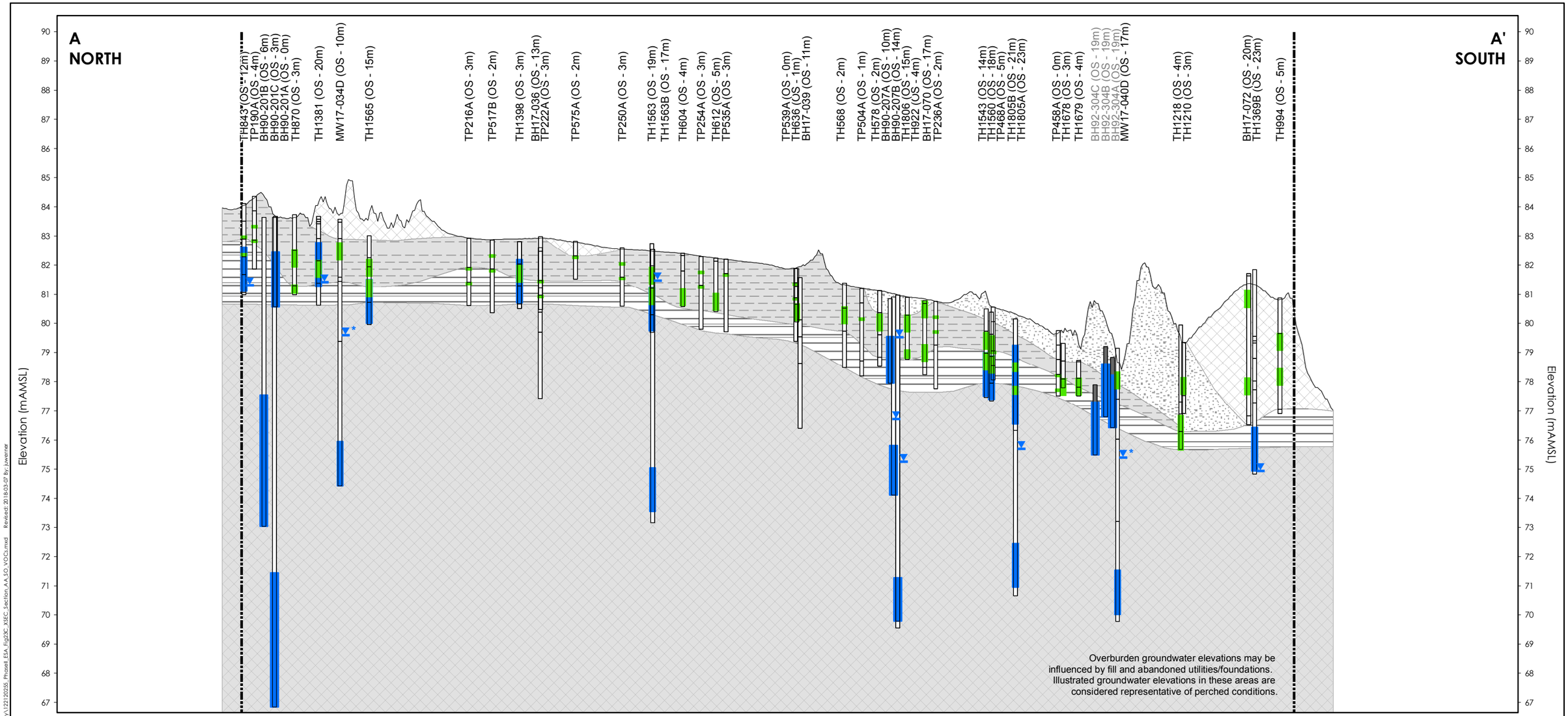

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5.m AMSL - metres above mean sea level
6. VOCs - Volatile Organic Compounds

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

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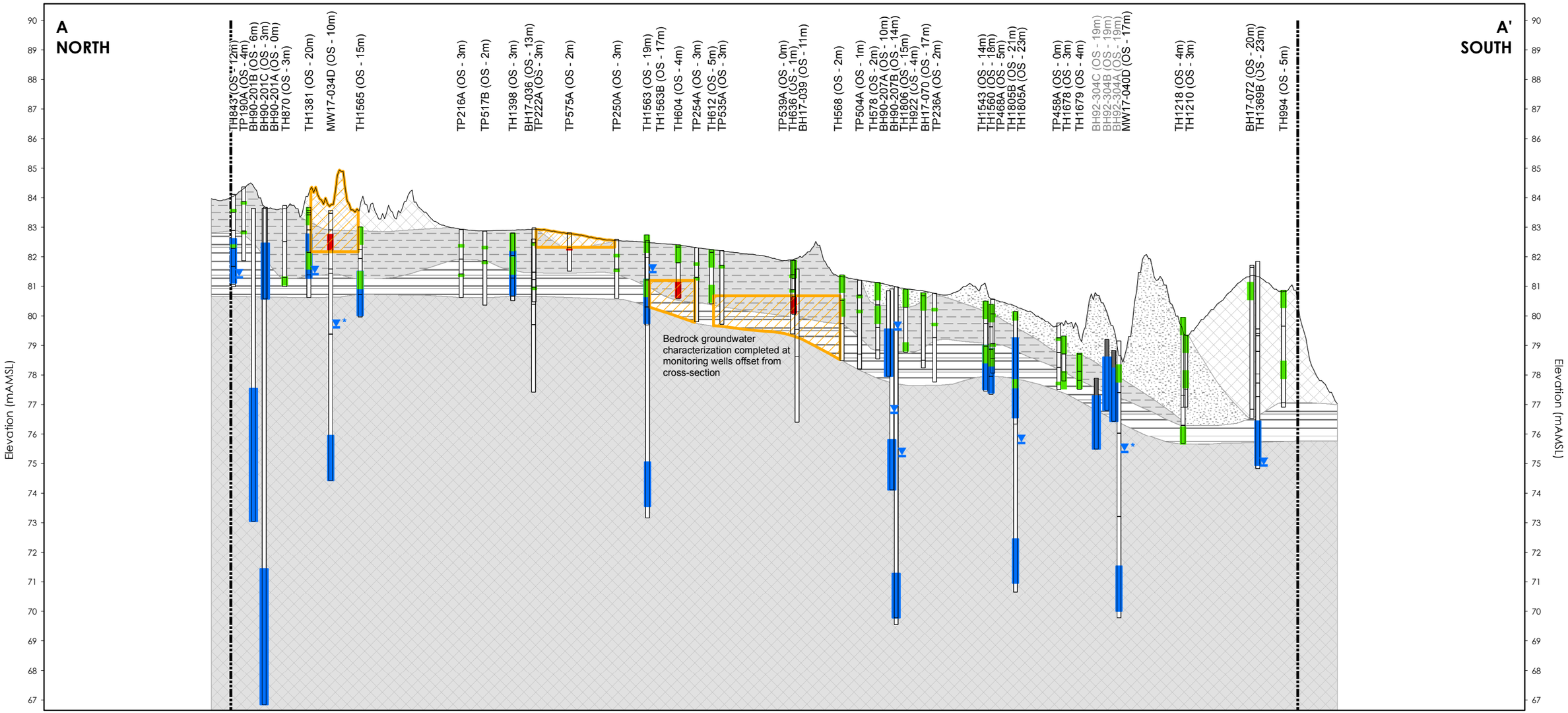

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PAHs - Polycyclic Aromatic Hydrocarbons

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

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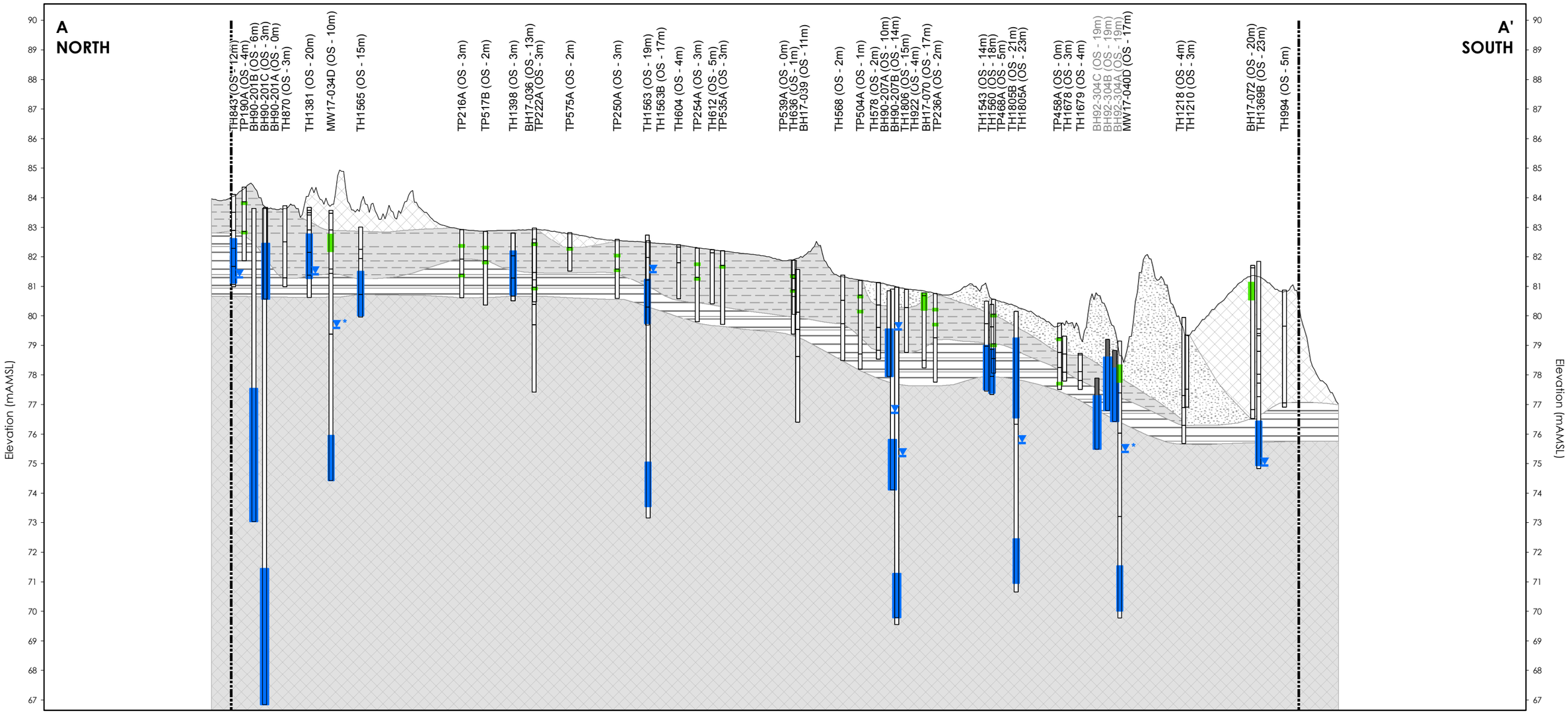

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

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.
23e

Title
Cross-Section A-A' - Summary of Soil Analytical Results - Acid/Base Neutrals

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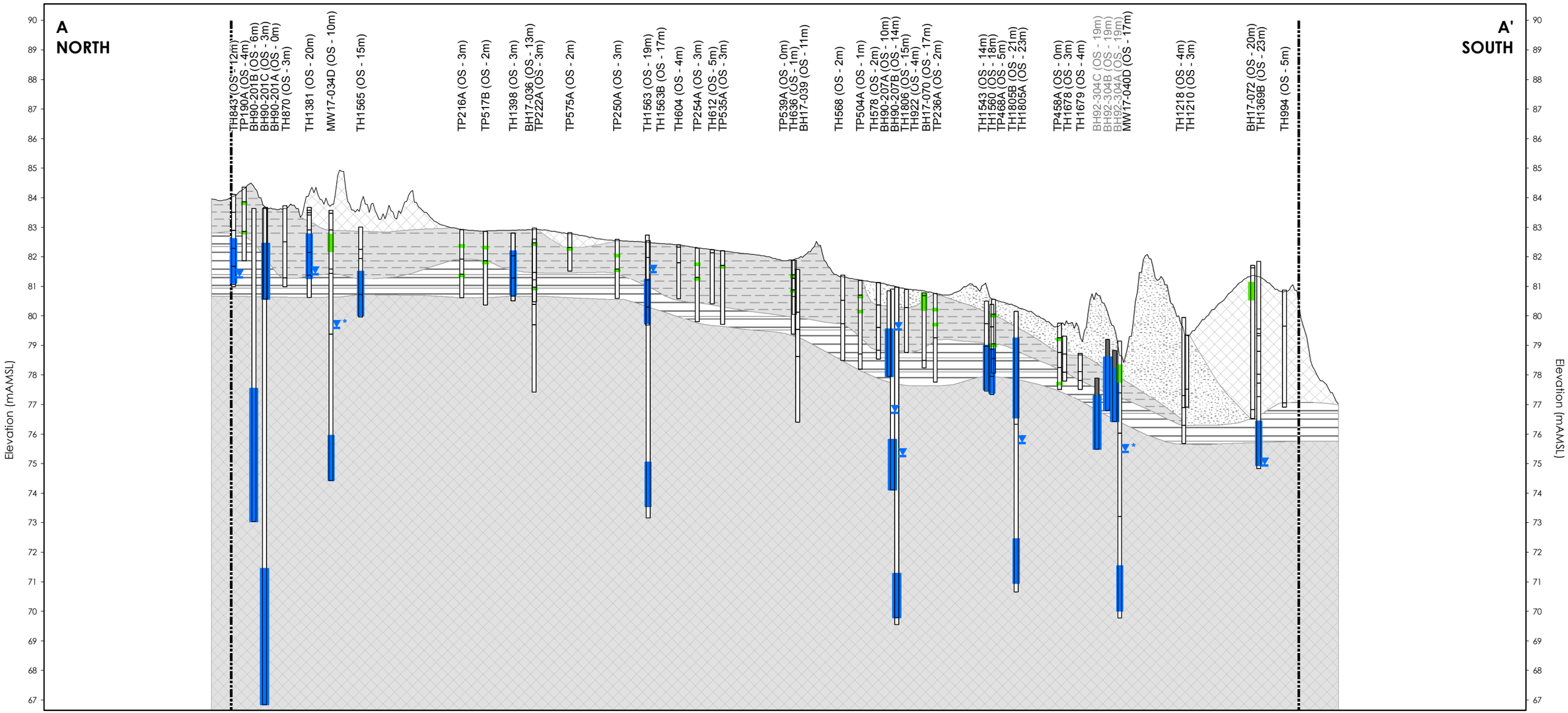

Notes
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2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

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

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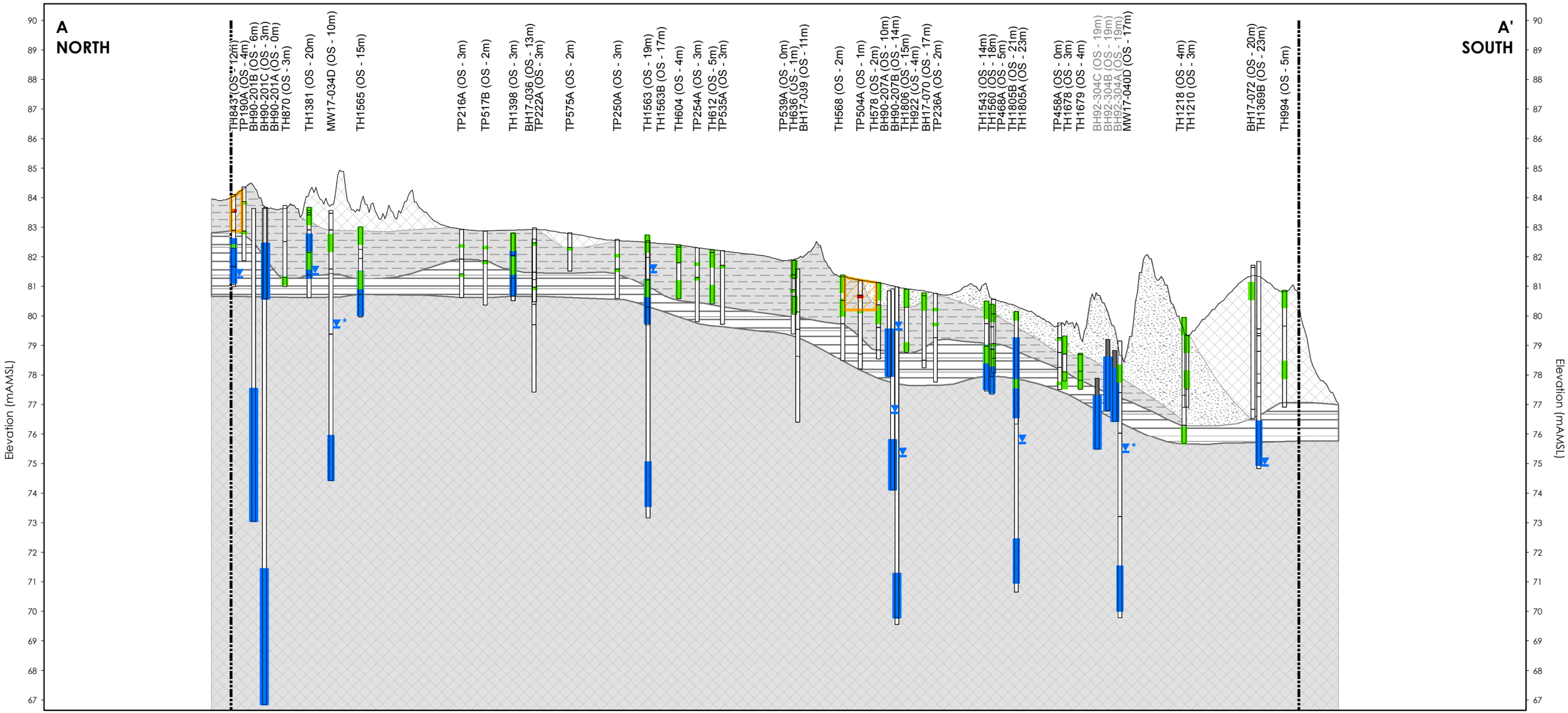

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

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

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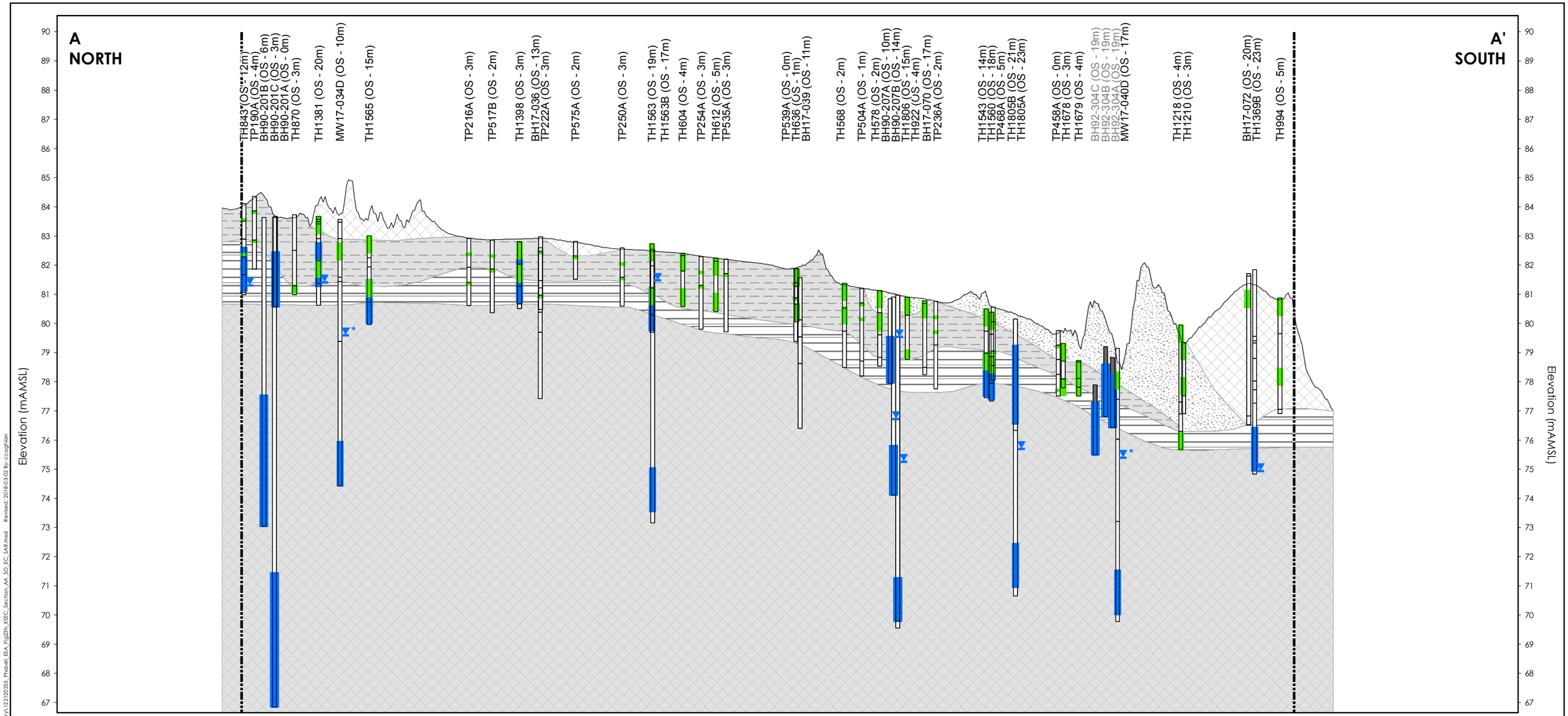

Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

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 (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

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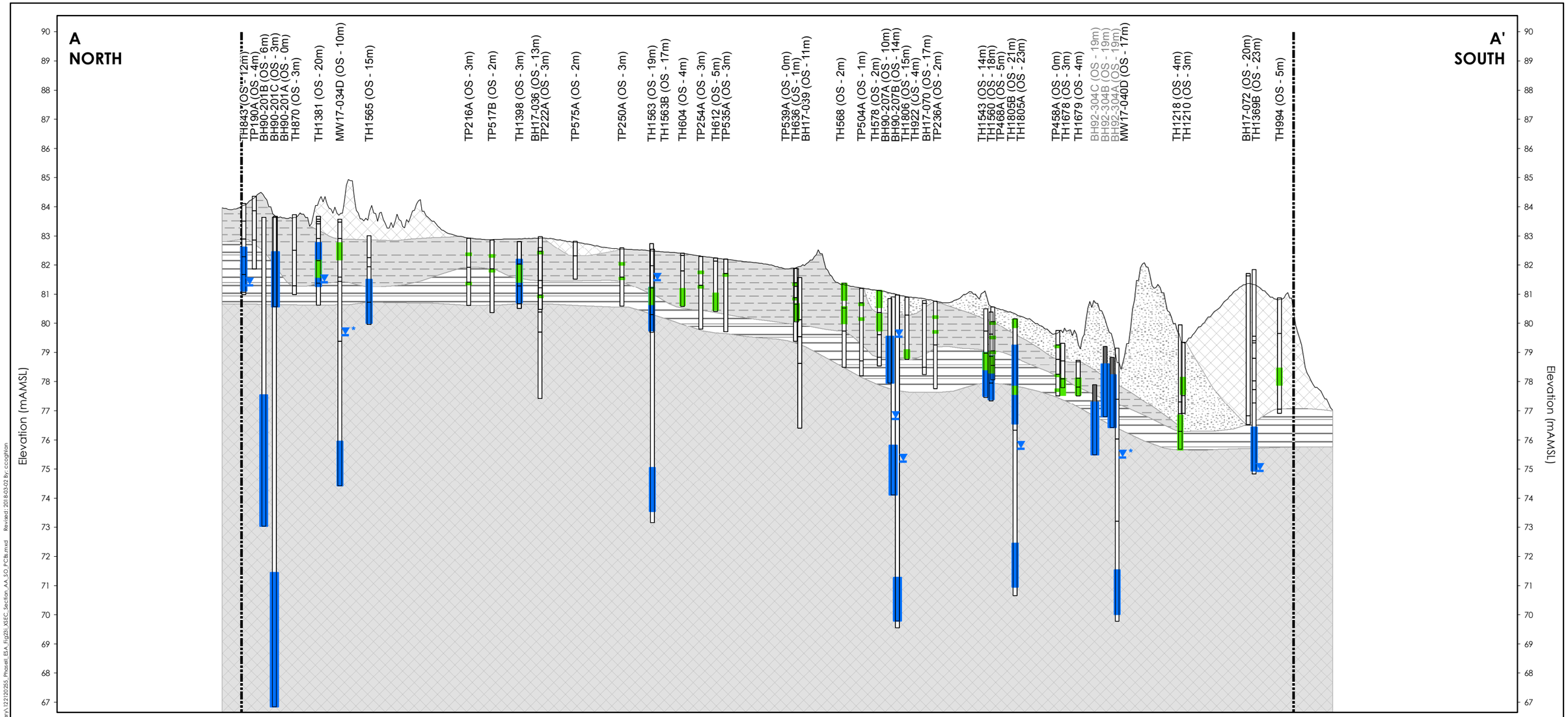


Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level
6. PCBs - Polychlorinated Biphenyls

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

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

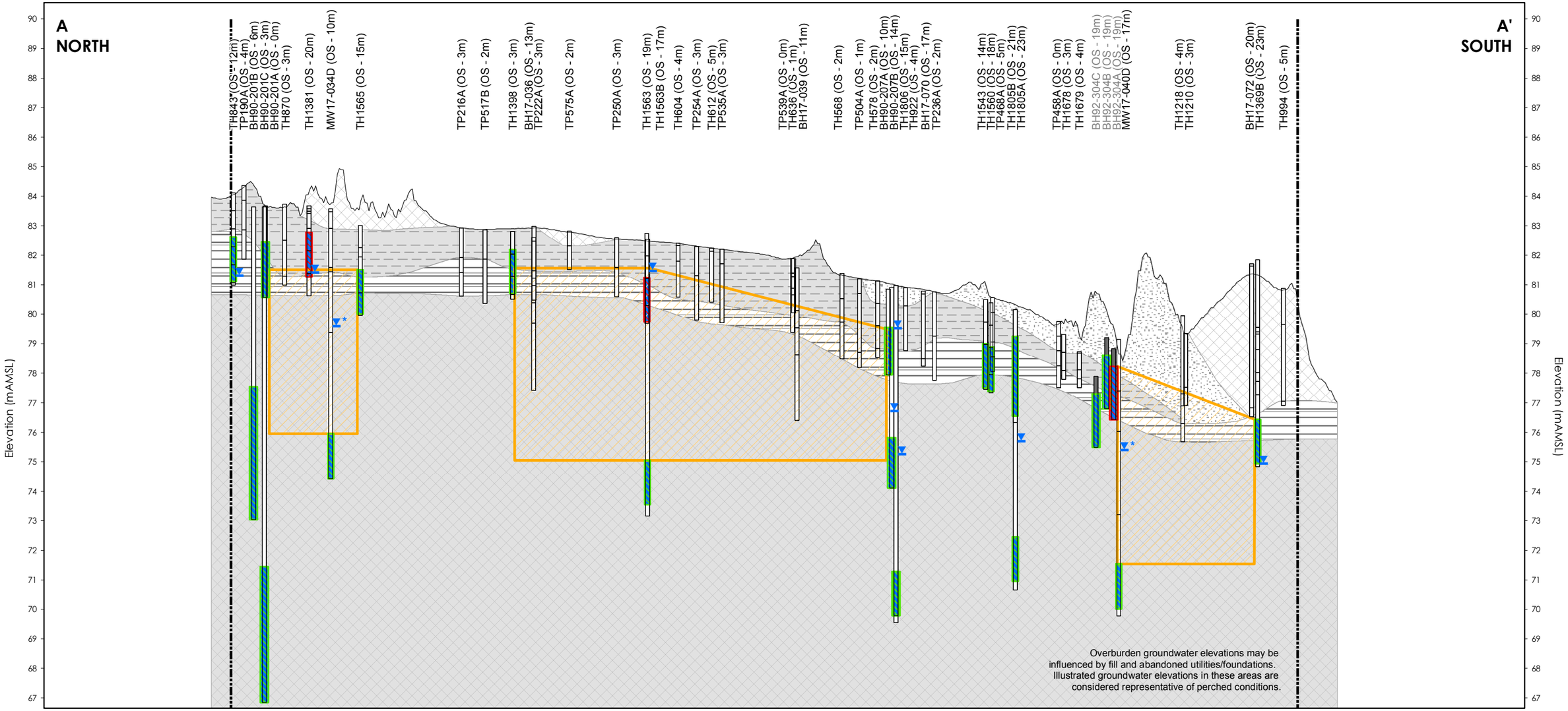
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

Figure No.
23i

Title
Cross-Section A-A' - Summary of Soil Analytical Results - PCBs

\\Ca1122401f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig23i_XSEC_Section_AA_SO_PCBs.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
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

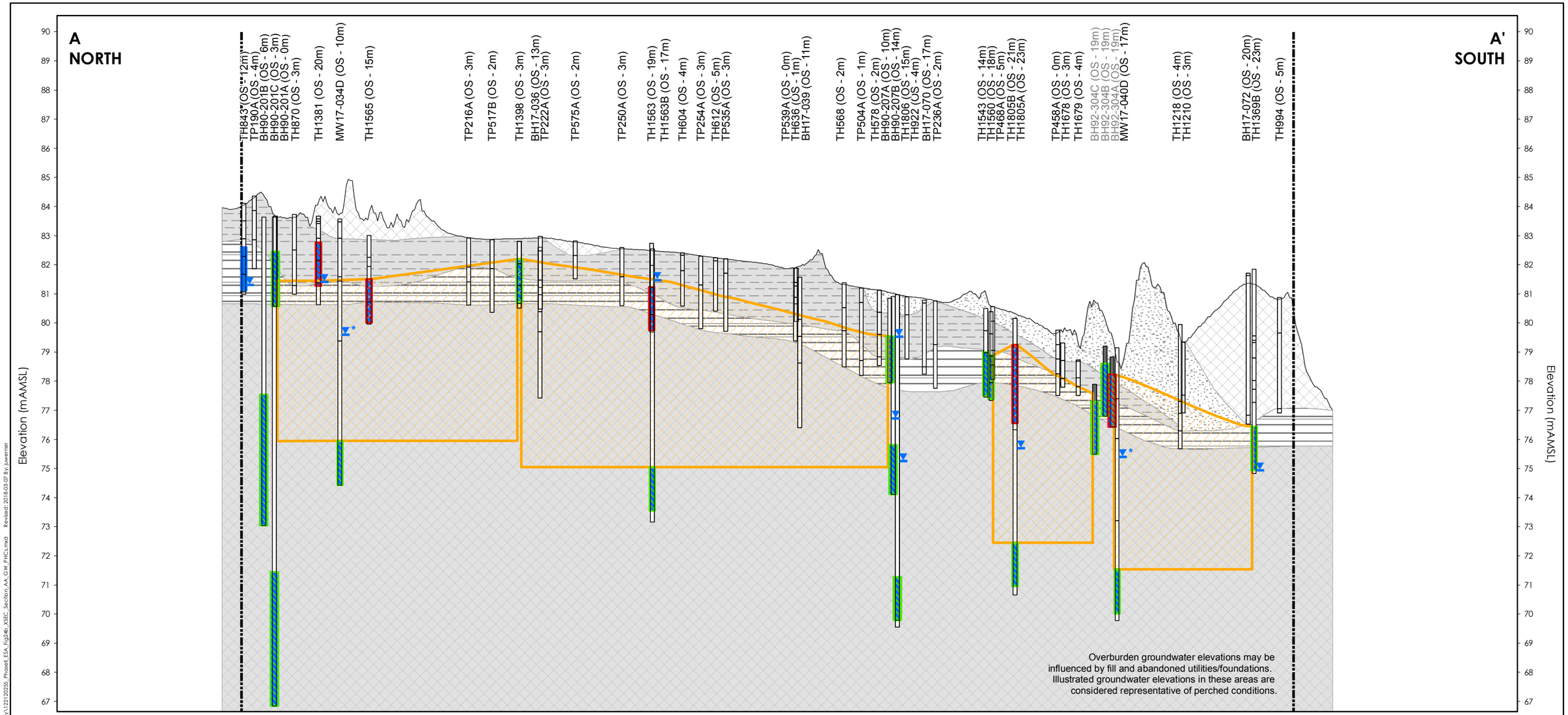
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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)

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

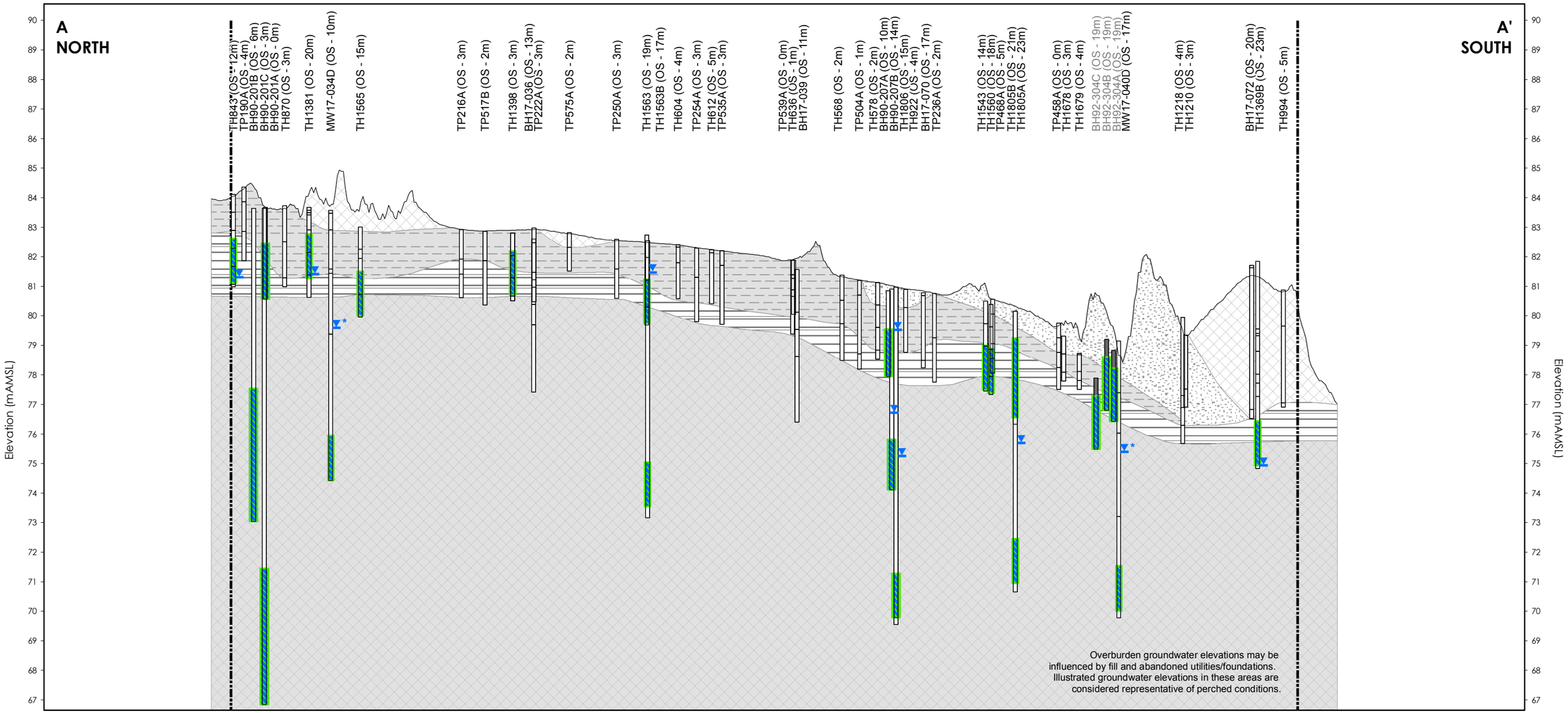
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
24b

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - PHCs

\\cd1224-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



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

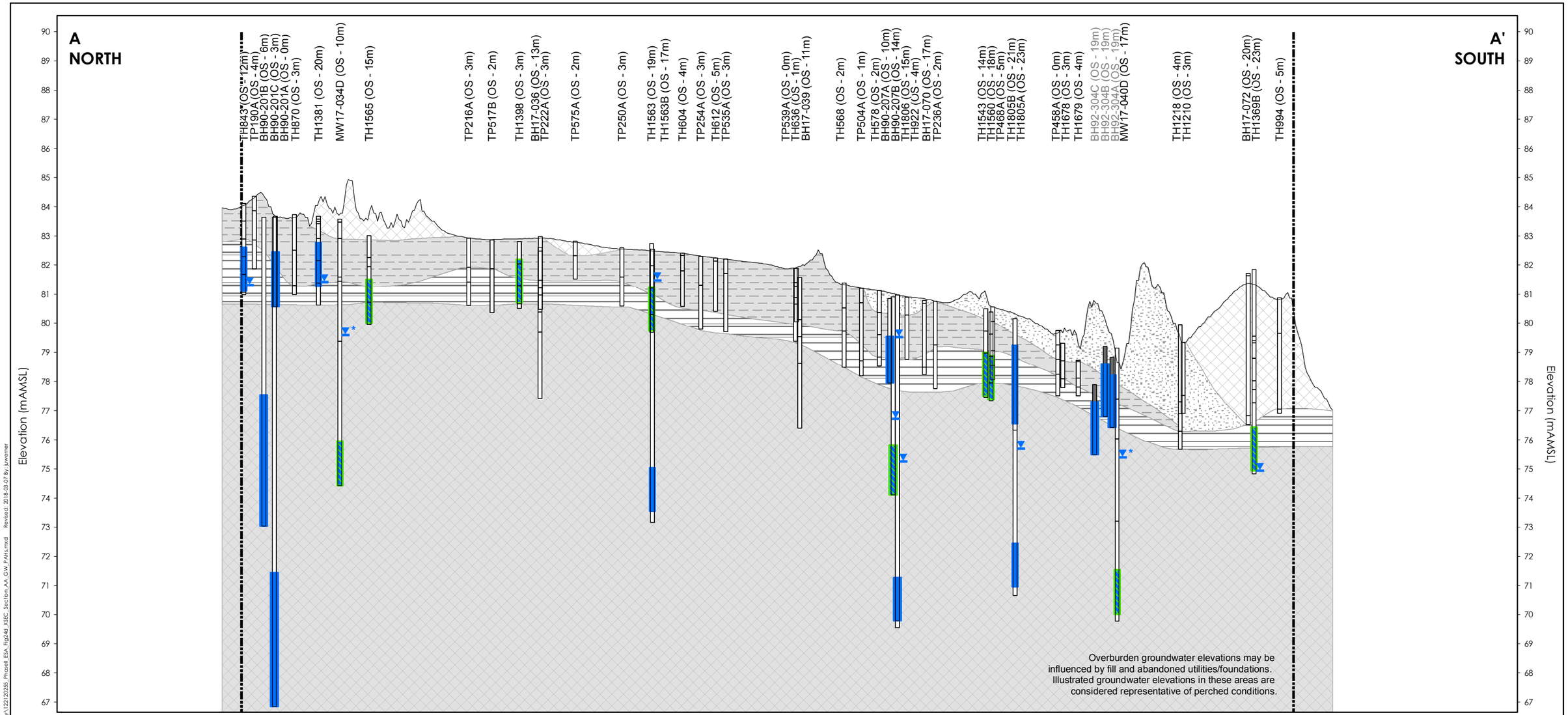
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
24c

Title
Cross-Section A-A' - Summary of Groundwater Analytical Results - VOCs

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig24c_XSEC_Section_AA_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

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

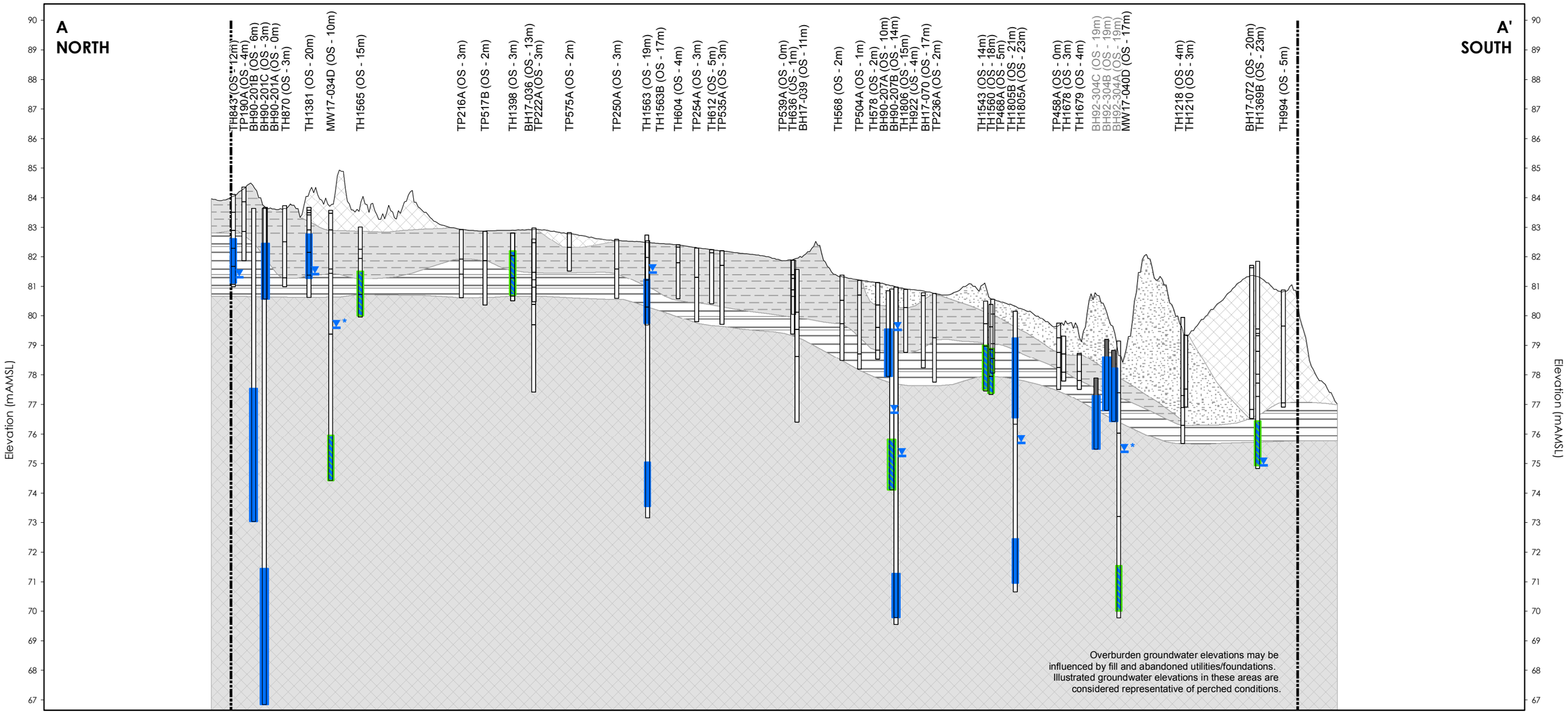
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
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_Phase II_ESA_Fig24d_XSEC_Section A-A'_GW_PAHs.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

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

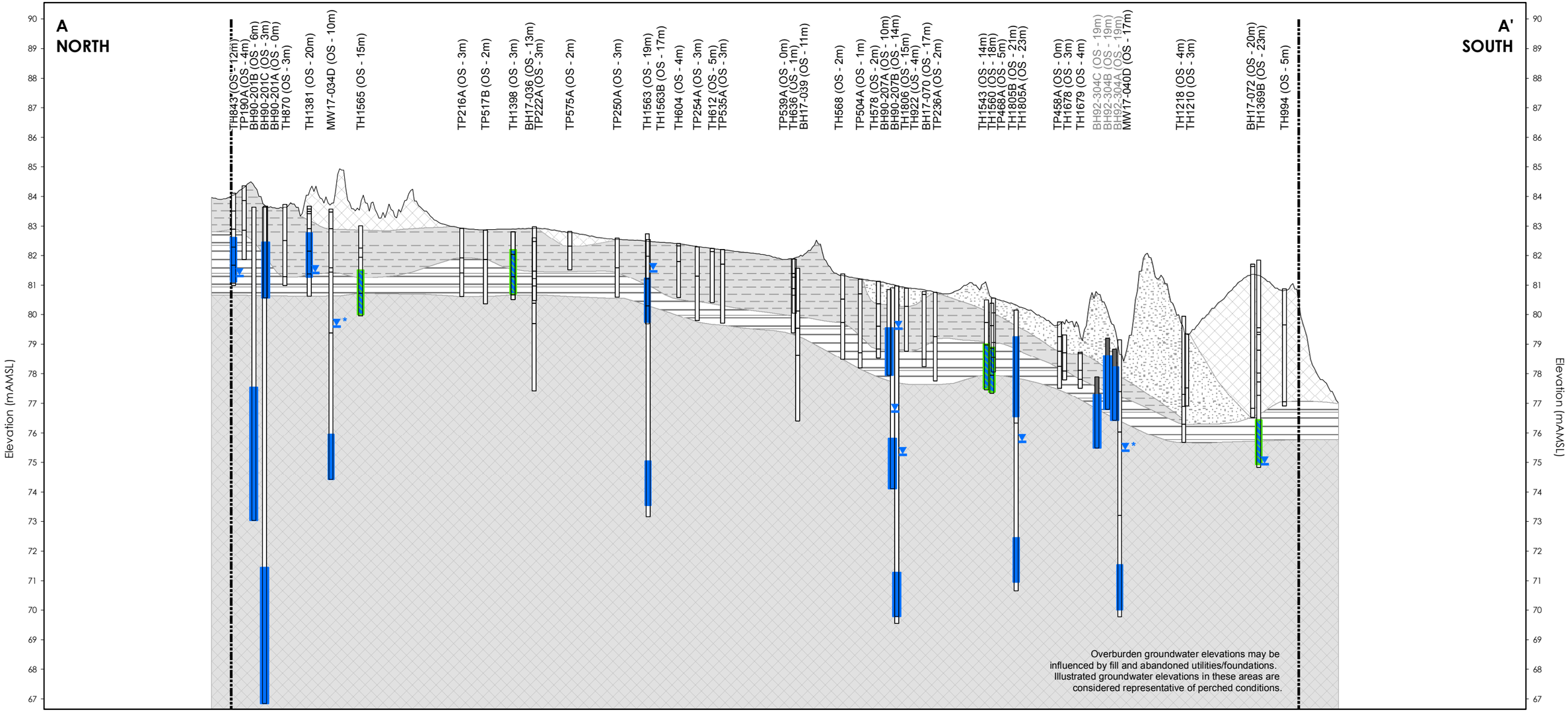
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
24e

Title
Cross-Section A-A' - 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_Fig24e_XSEC_Section_AA_GW_ABNs.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

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

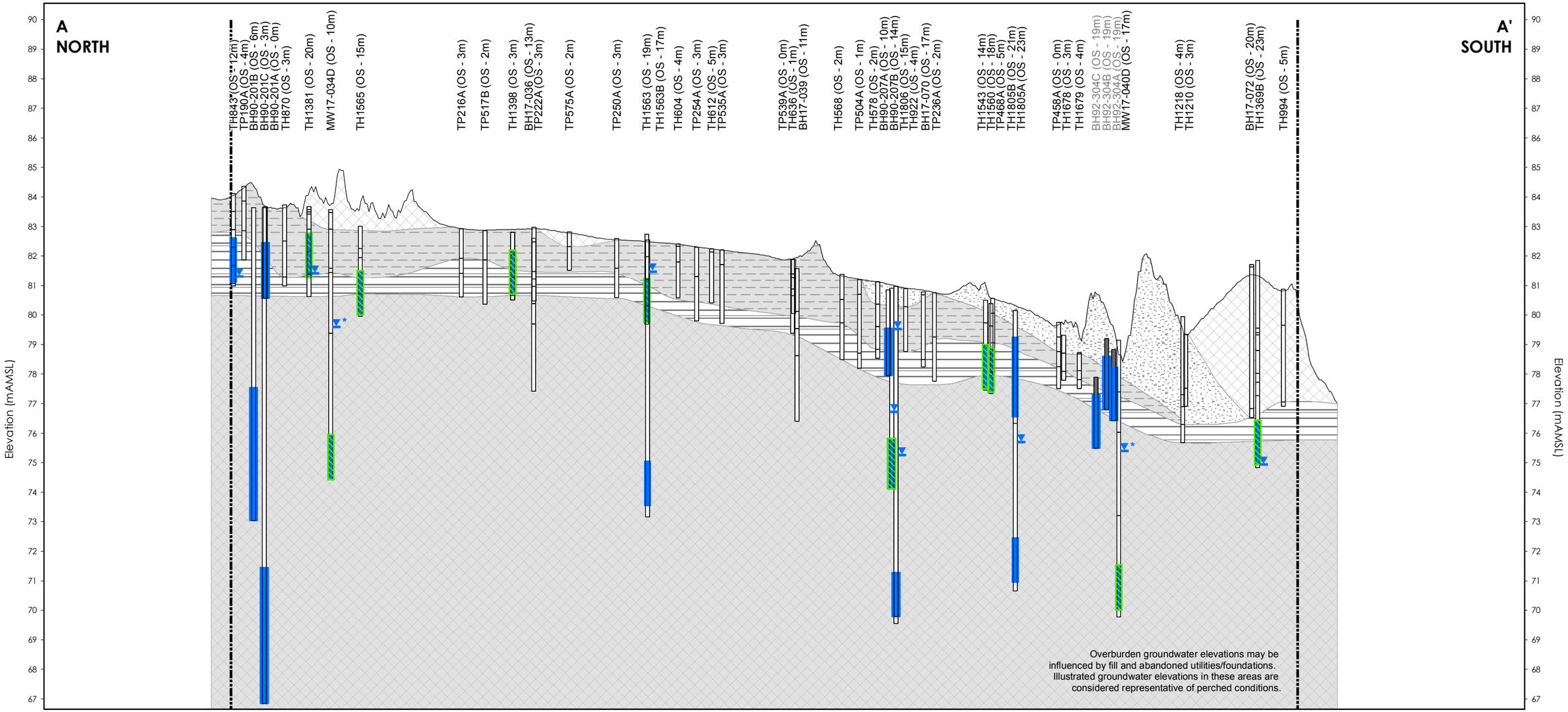
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-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



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

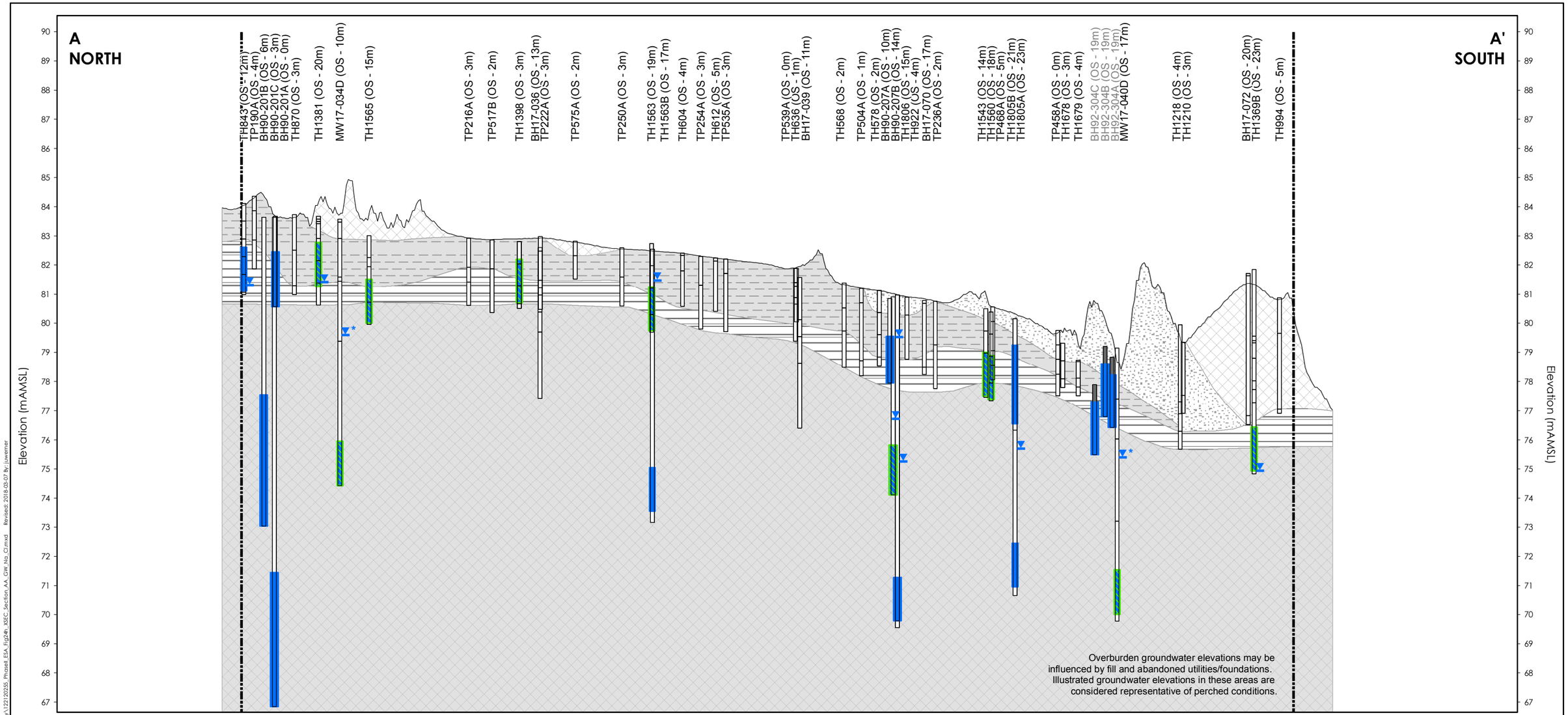
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig24g_XSEC_Section AA_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

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

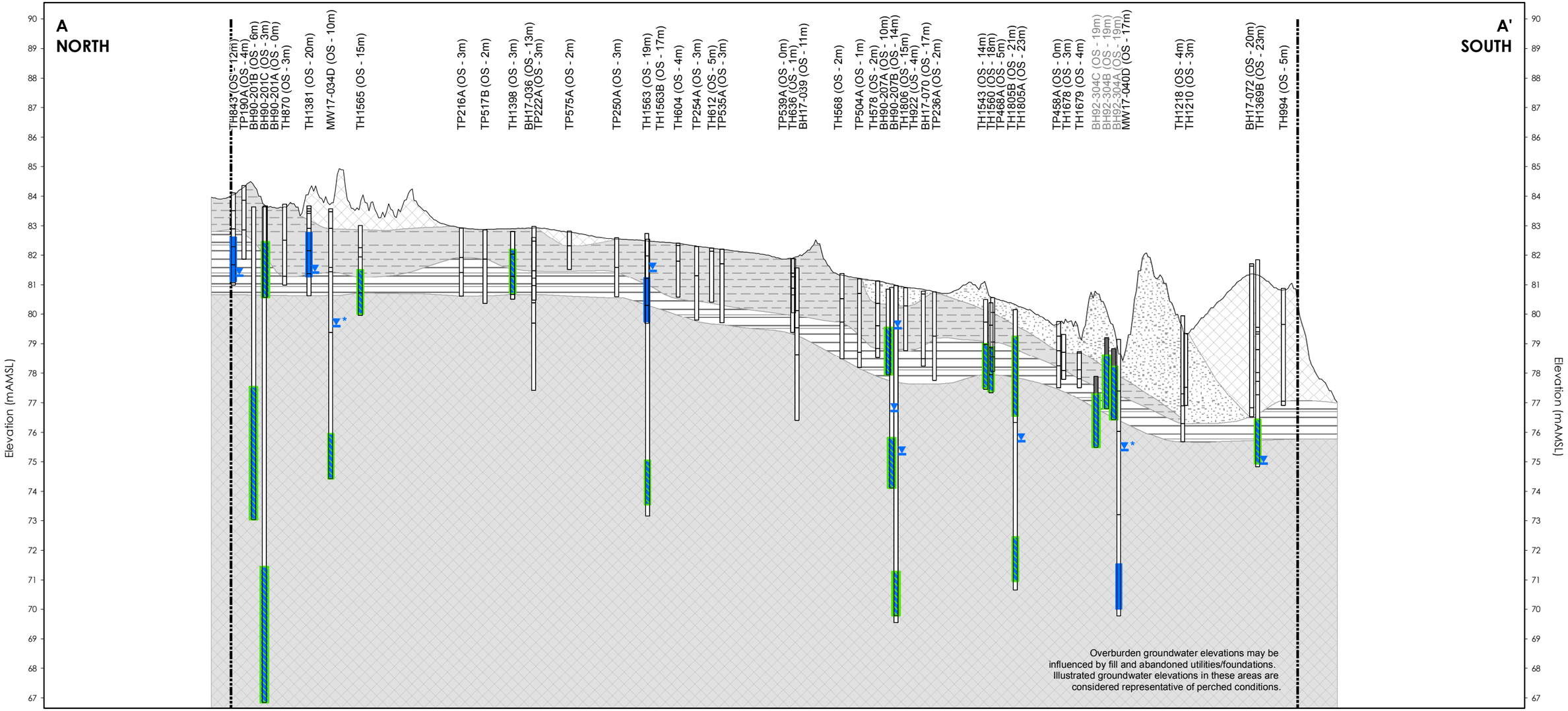
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig24h_XSEC_Section_AA_GW_Na_Cl.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. 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

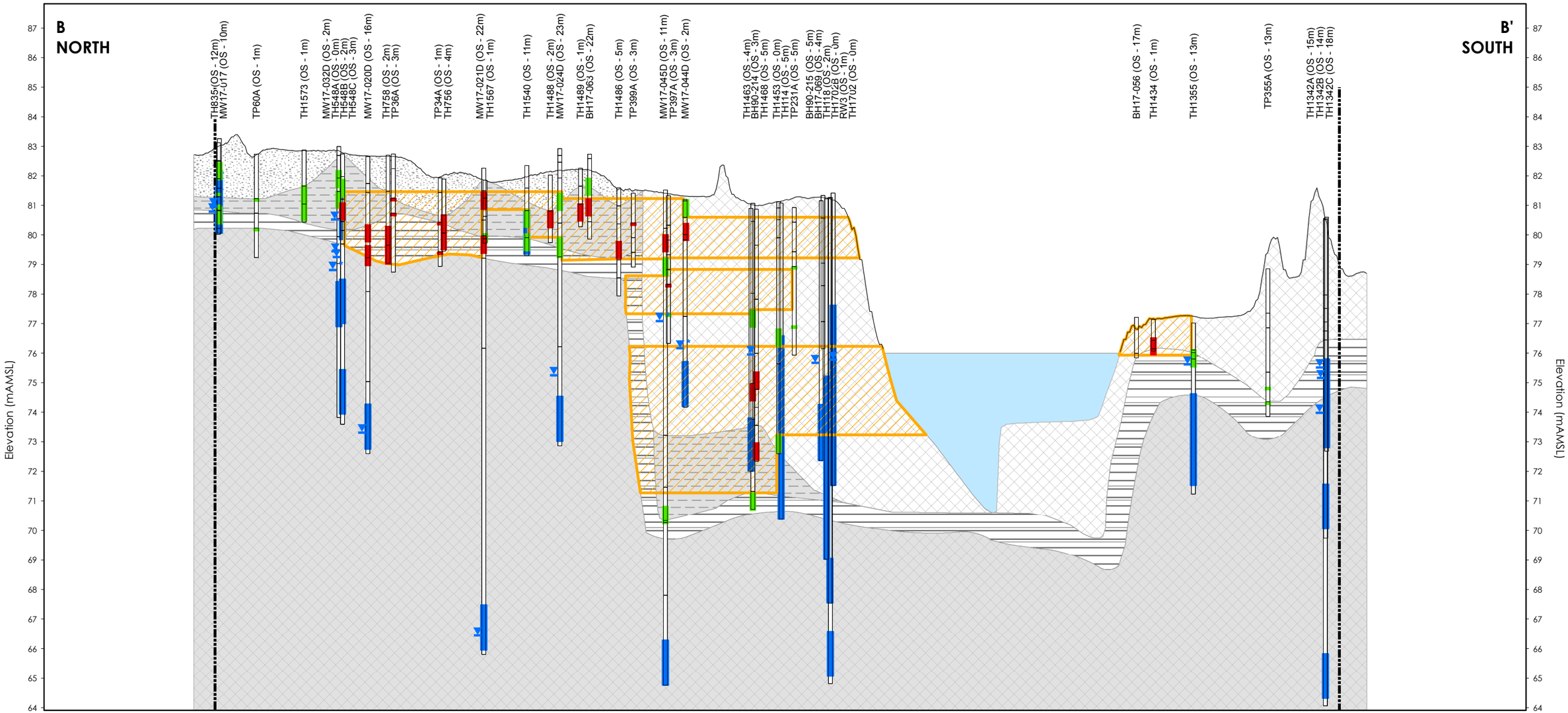
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-f02\work_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



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

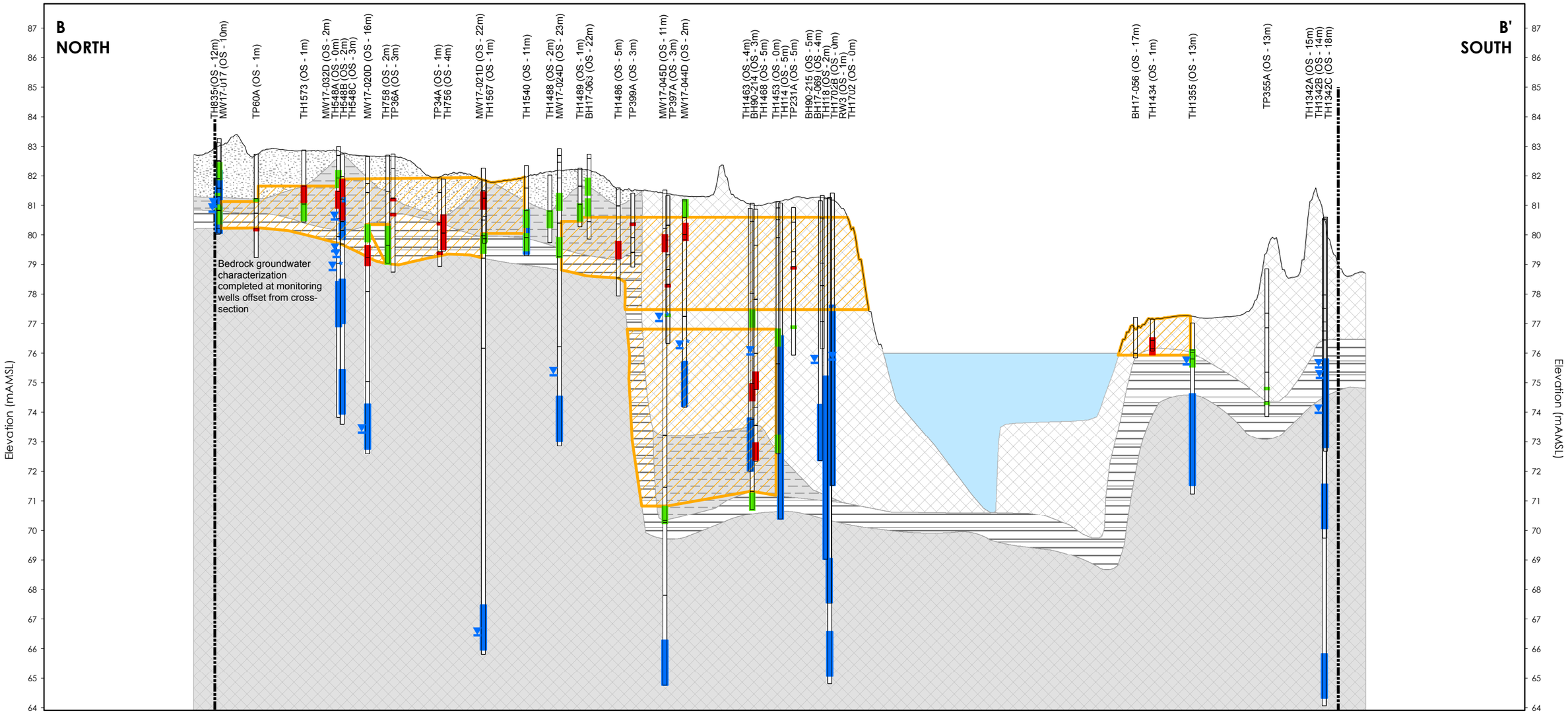
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig25a_XSEC_Section_BB_SO_BTEX.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. 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

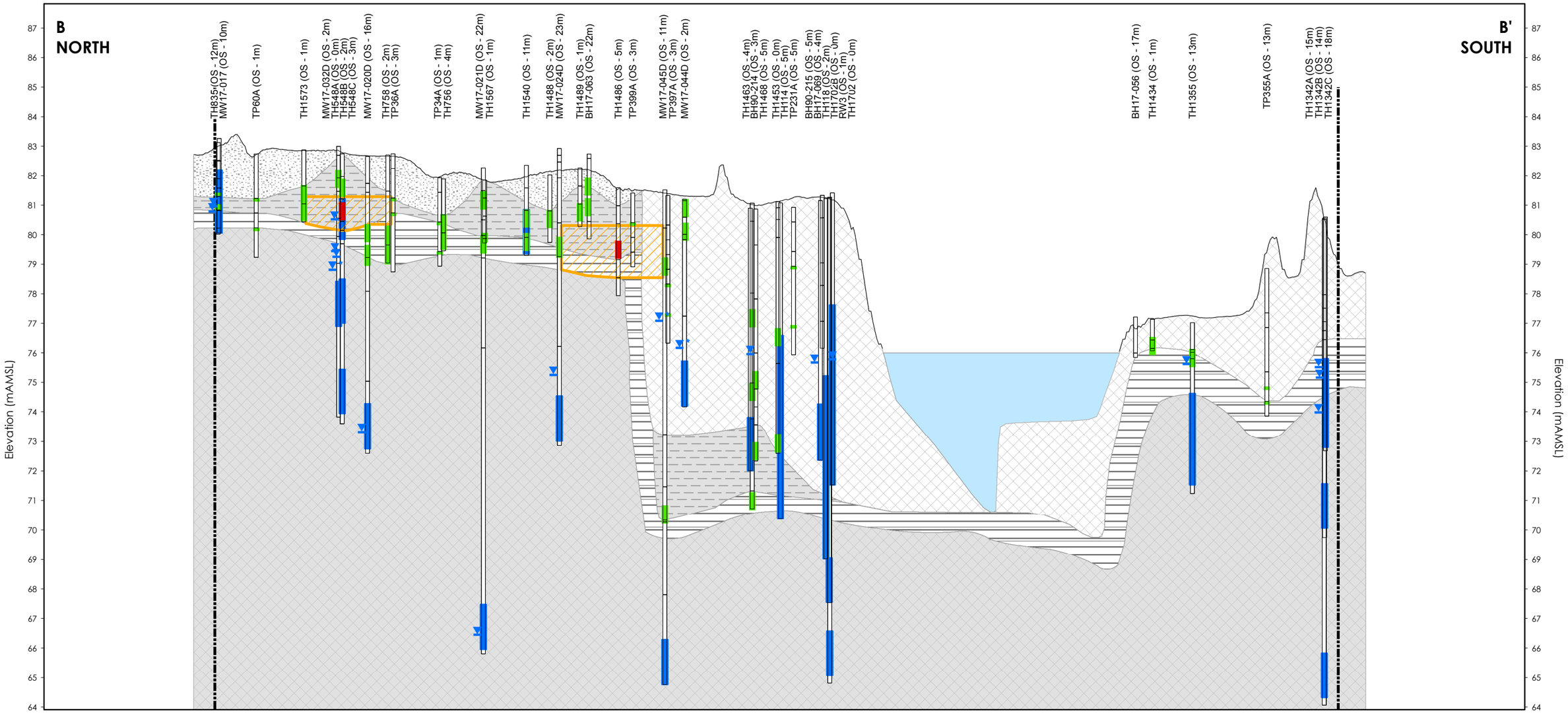
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA Summary\122120255_Prusell ESA_Fig25b_XSEC_Section BB_SO 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

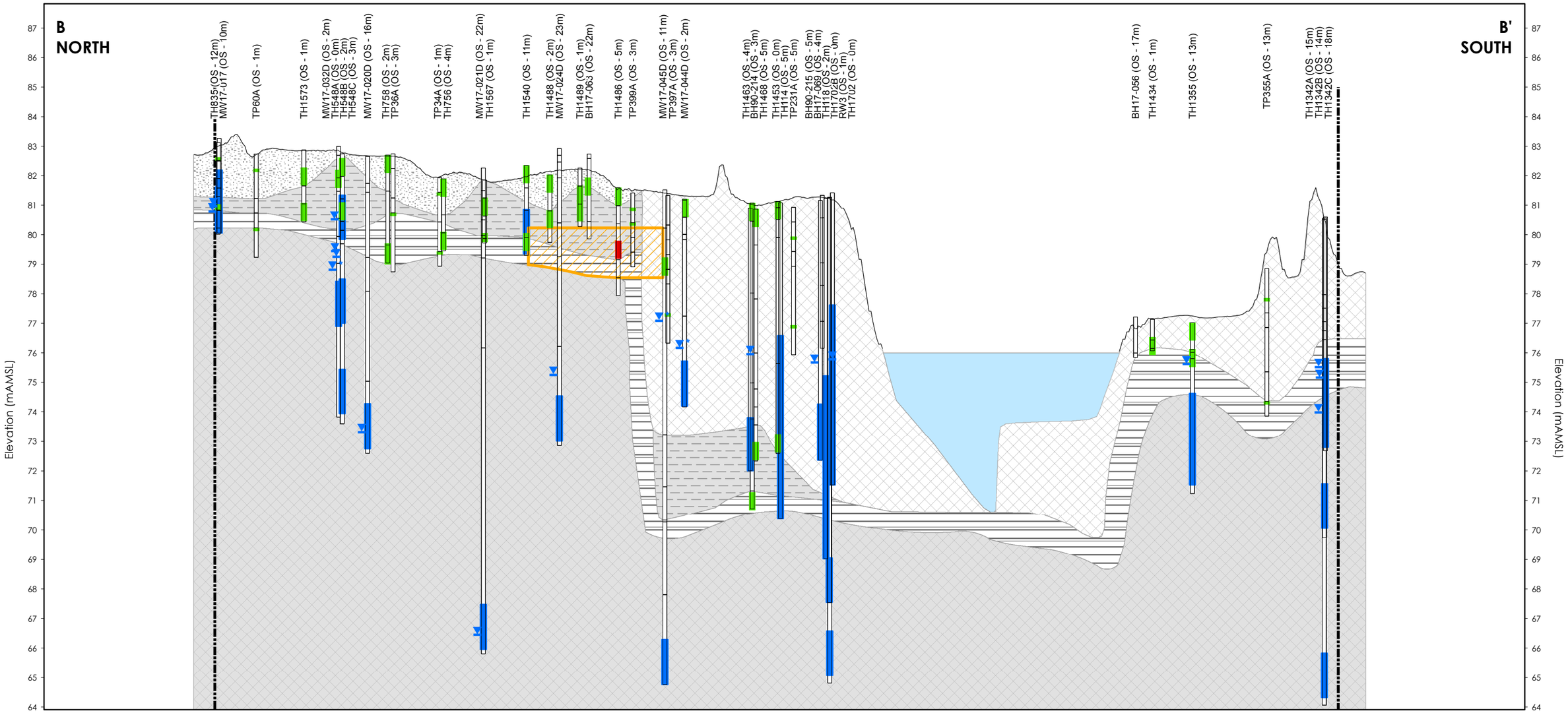
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA Fig25c_XSEC_Section_B8_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

- 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

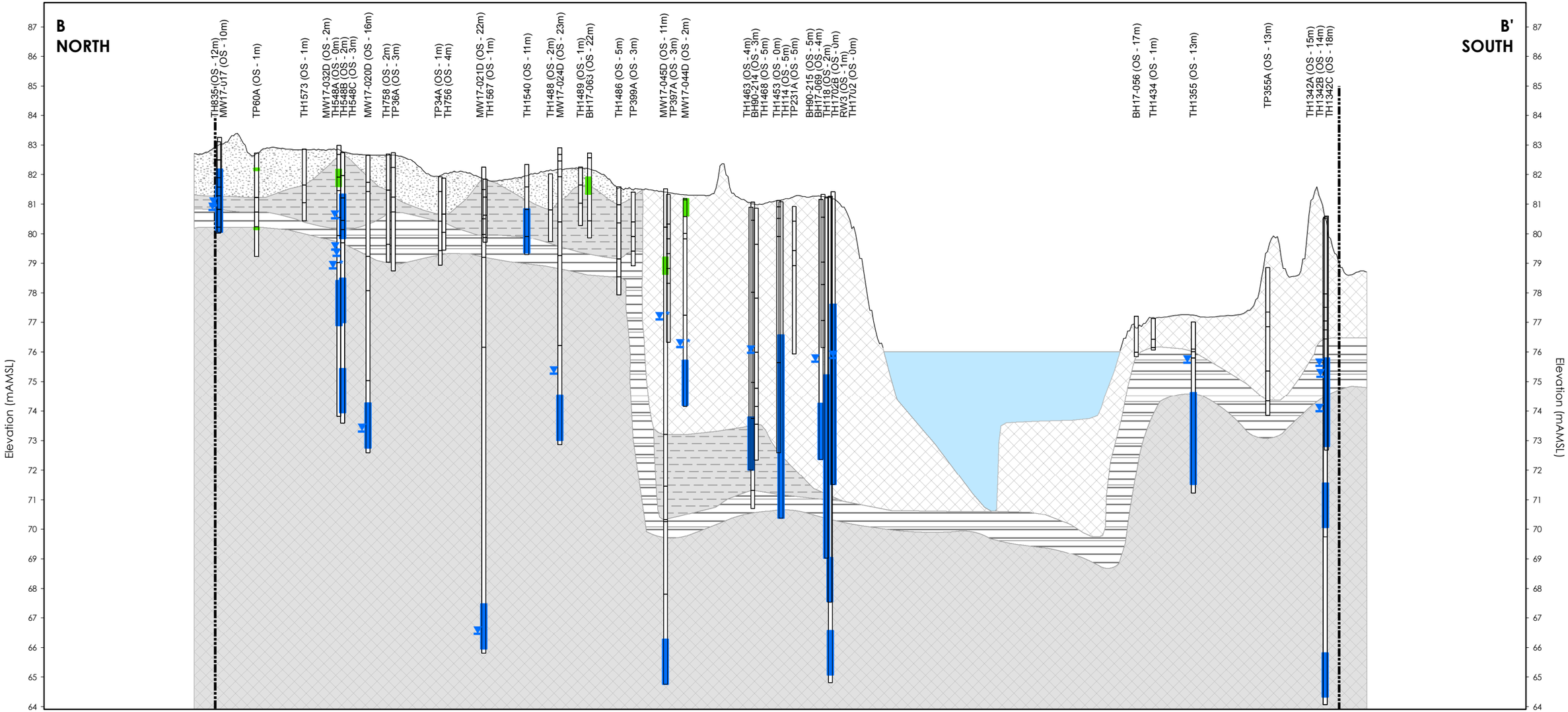
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224ff02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA Fig25d_XSEC Section_B B'_SO_PAHs.mxd Revised: 2018-03-02 By: pmoser



Notes
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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

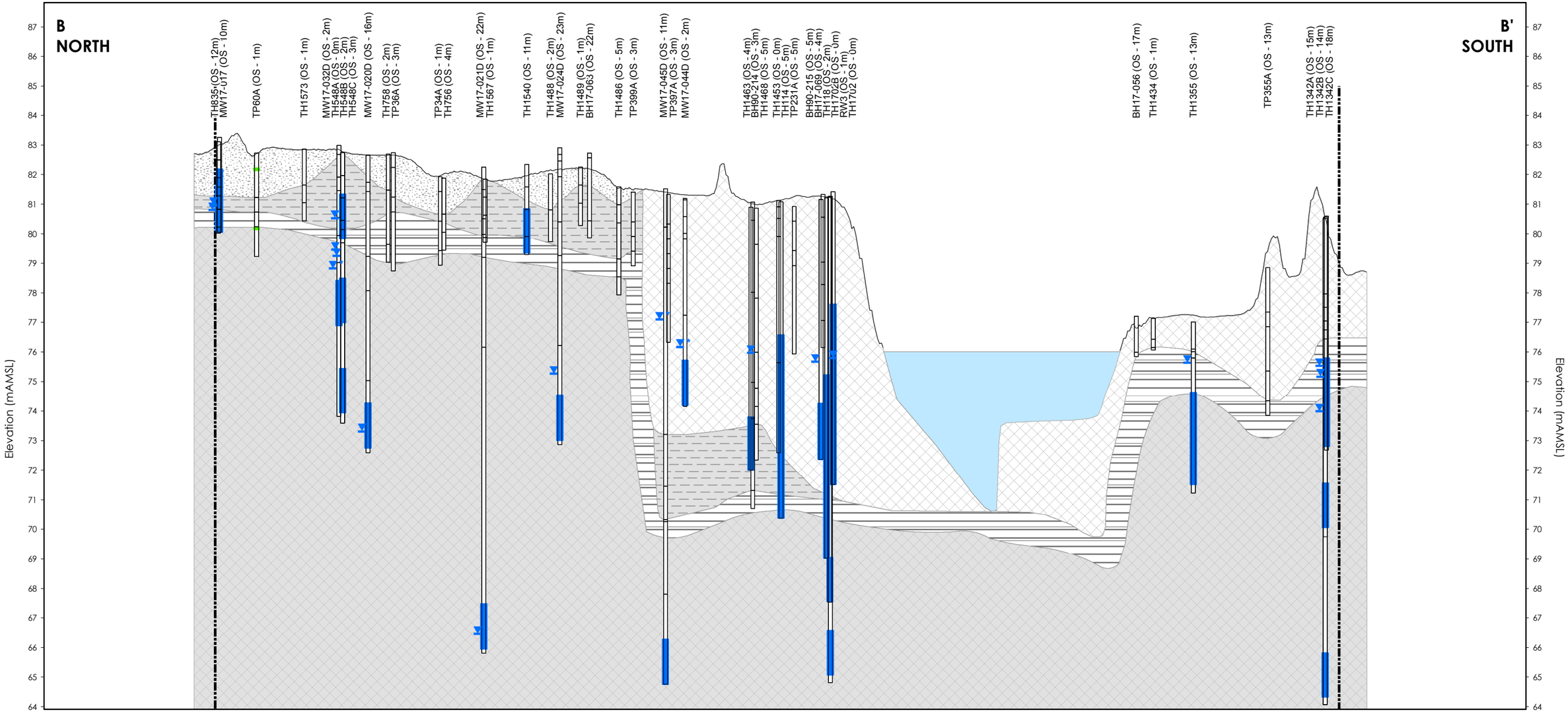
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Cd1220-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



Notes
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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

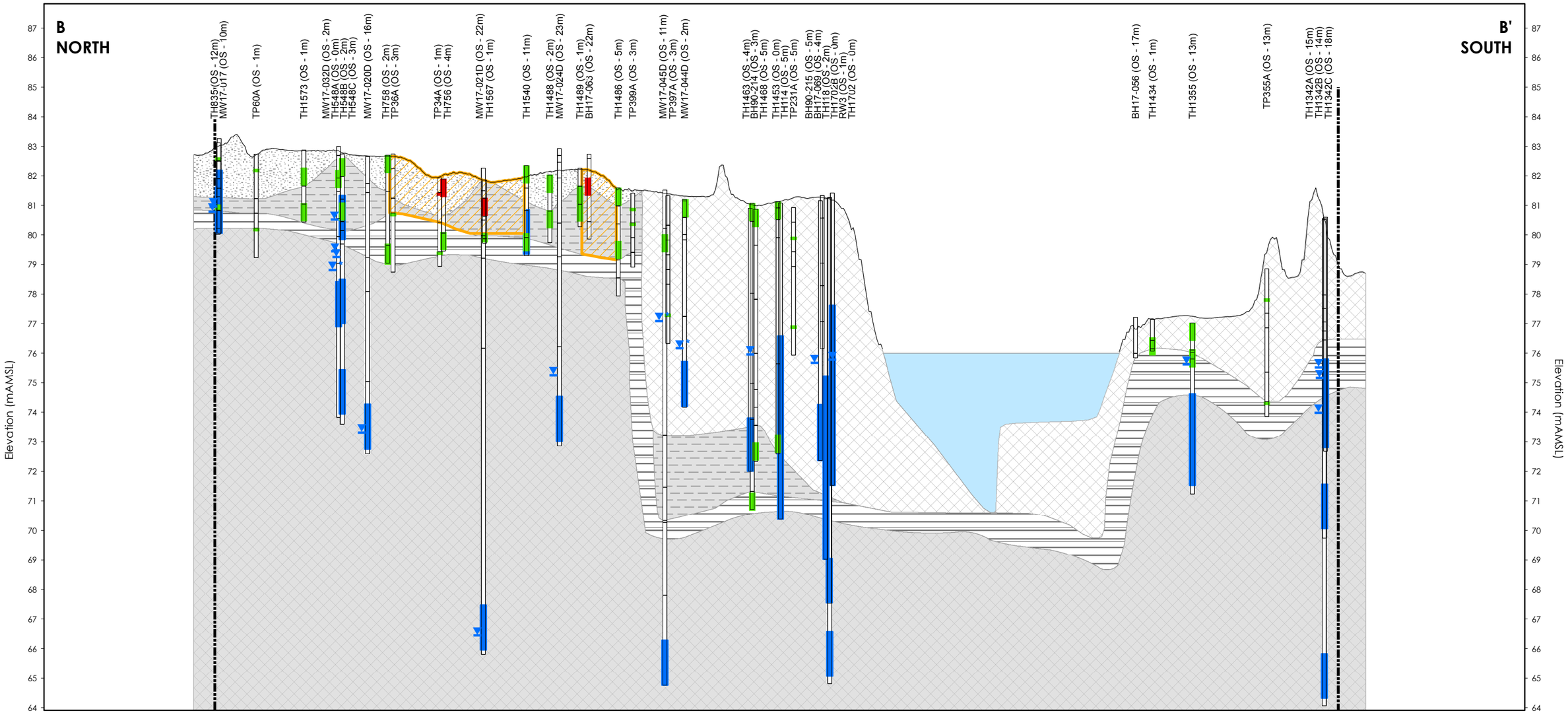
Figure No.

25f

Title

Cross-Section B-B' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig25f_XSEC_Section_BB_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

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

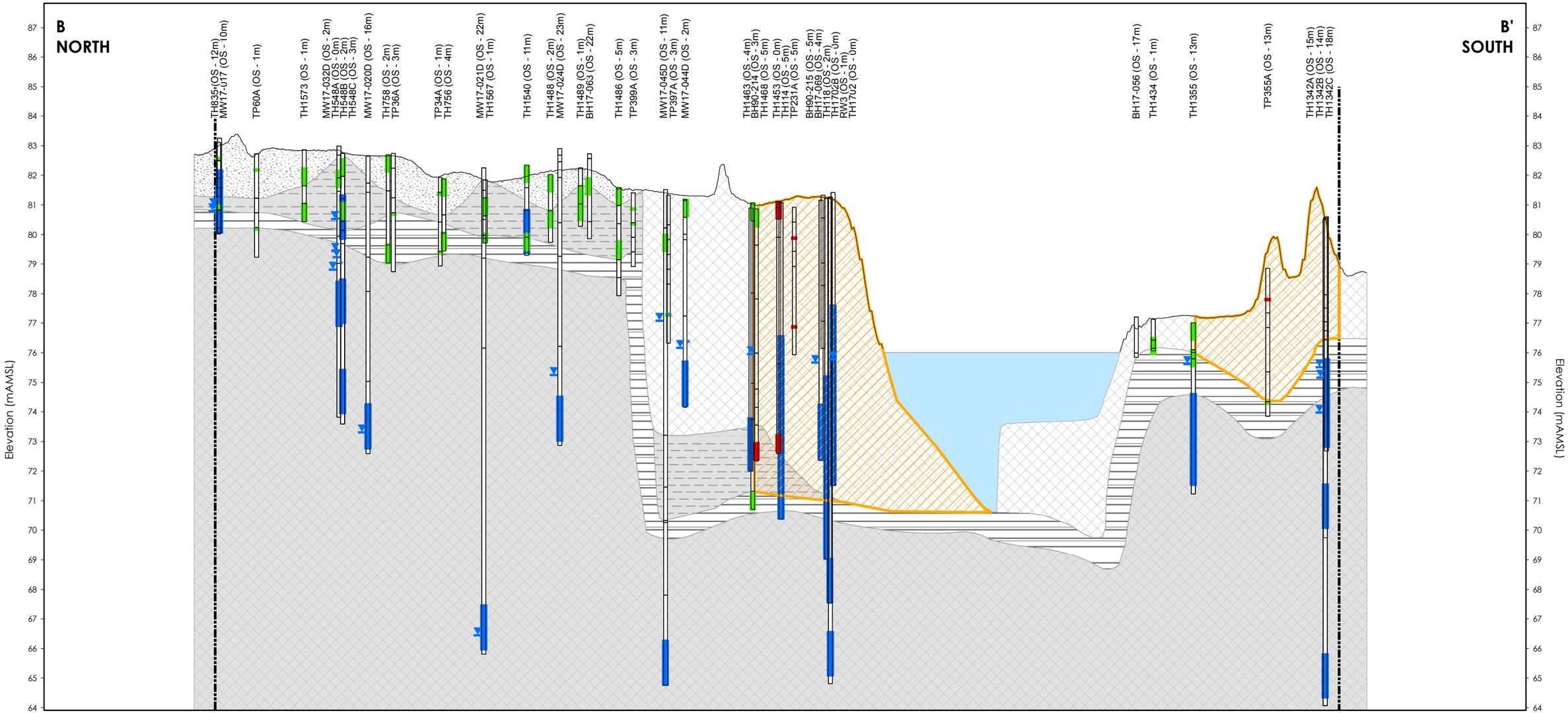
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224ff02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Prussell ESA_Fig25g_XSEC_Section BB_SO_Metals.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. 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

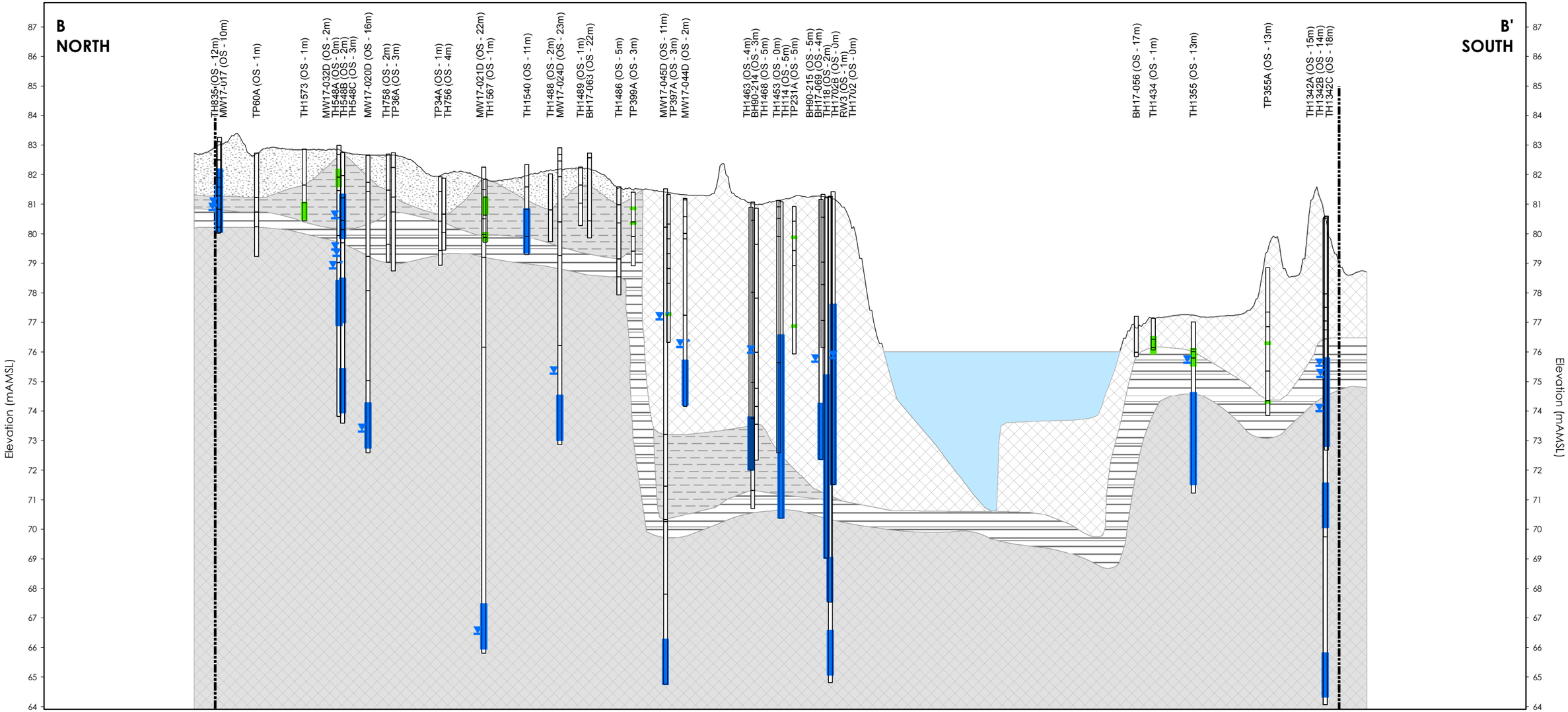
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig25h_XSEC_Section_BB_SO_EC_SAR.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
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

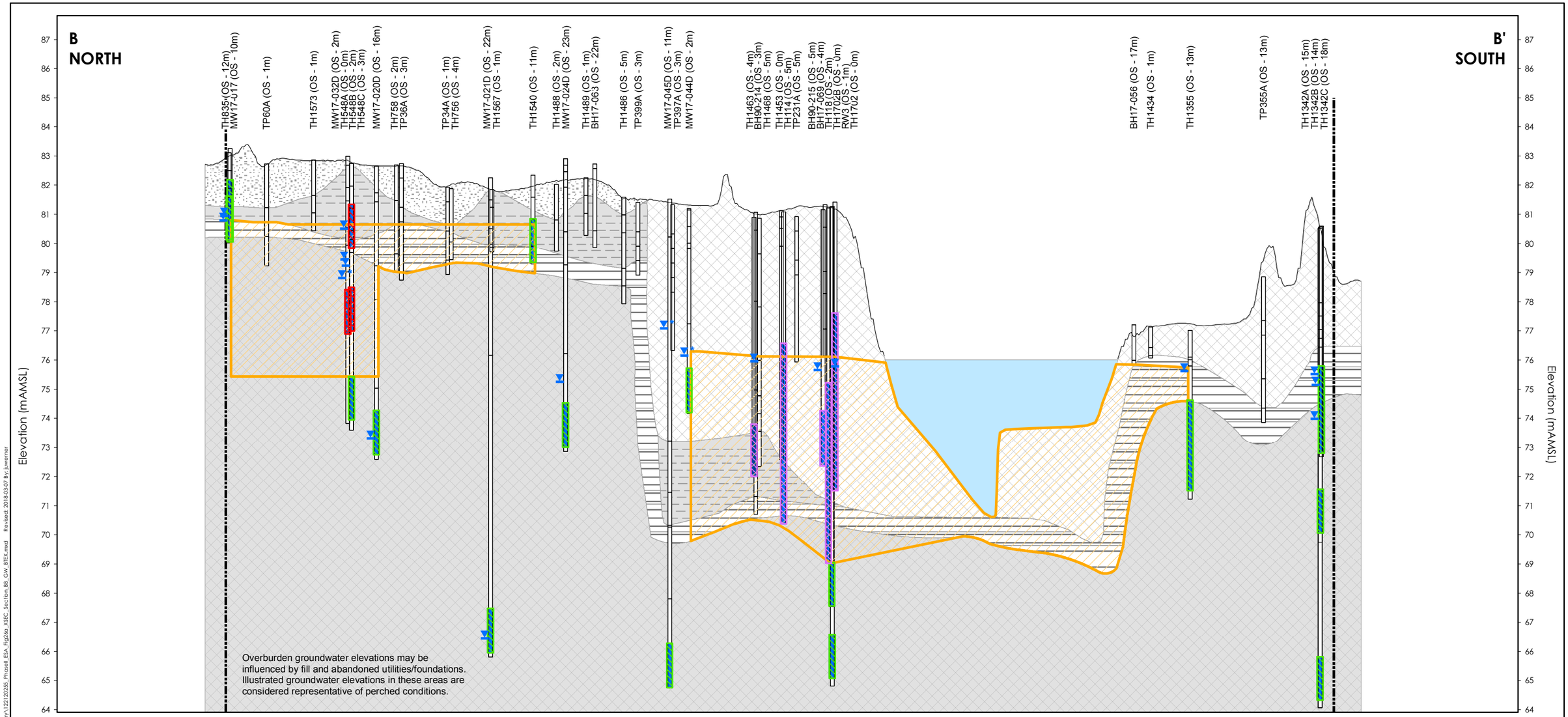
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Cd1220-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



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

MW11-15 (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

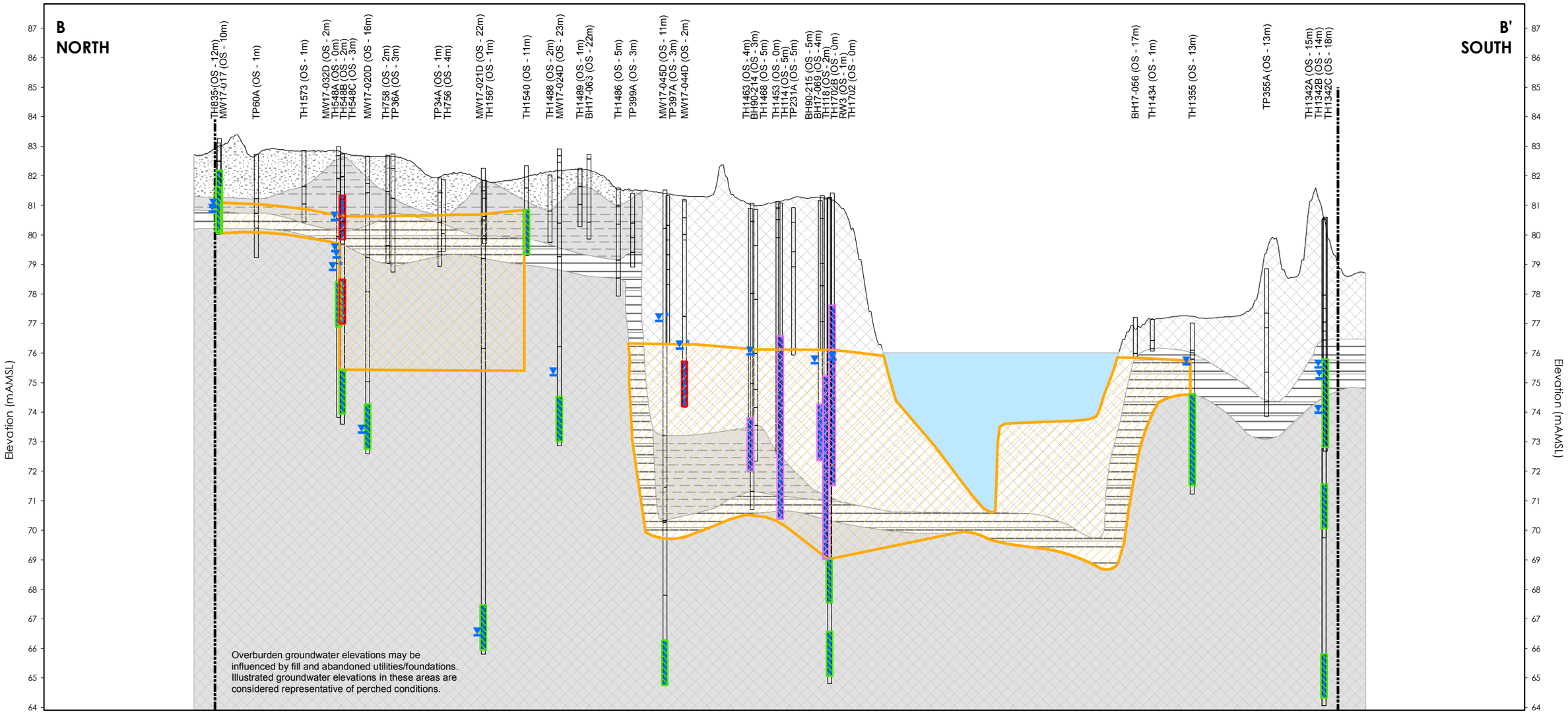
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-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



Notes
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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)

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

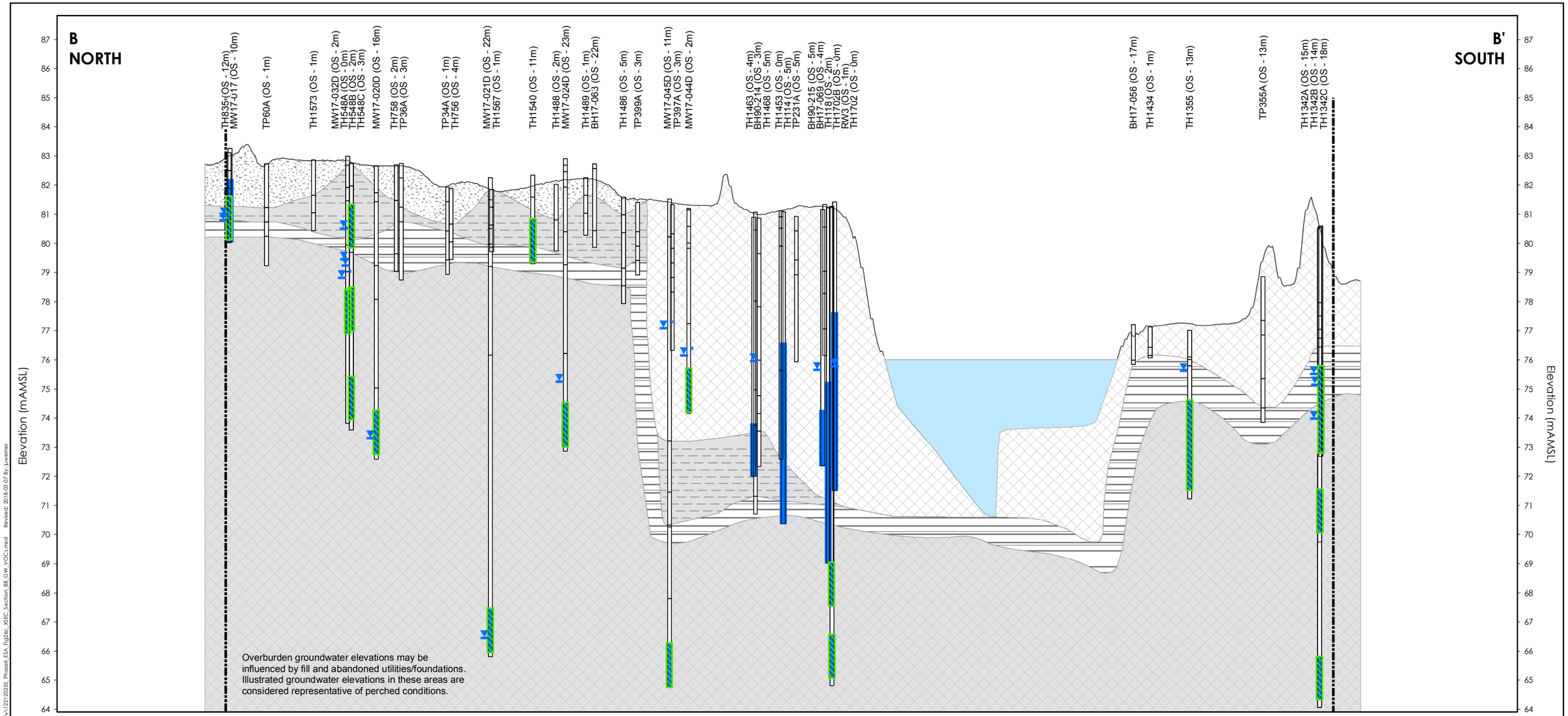
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
26b

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - PHCs

\\ca1224-ff2\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



Notes
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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

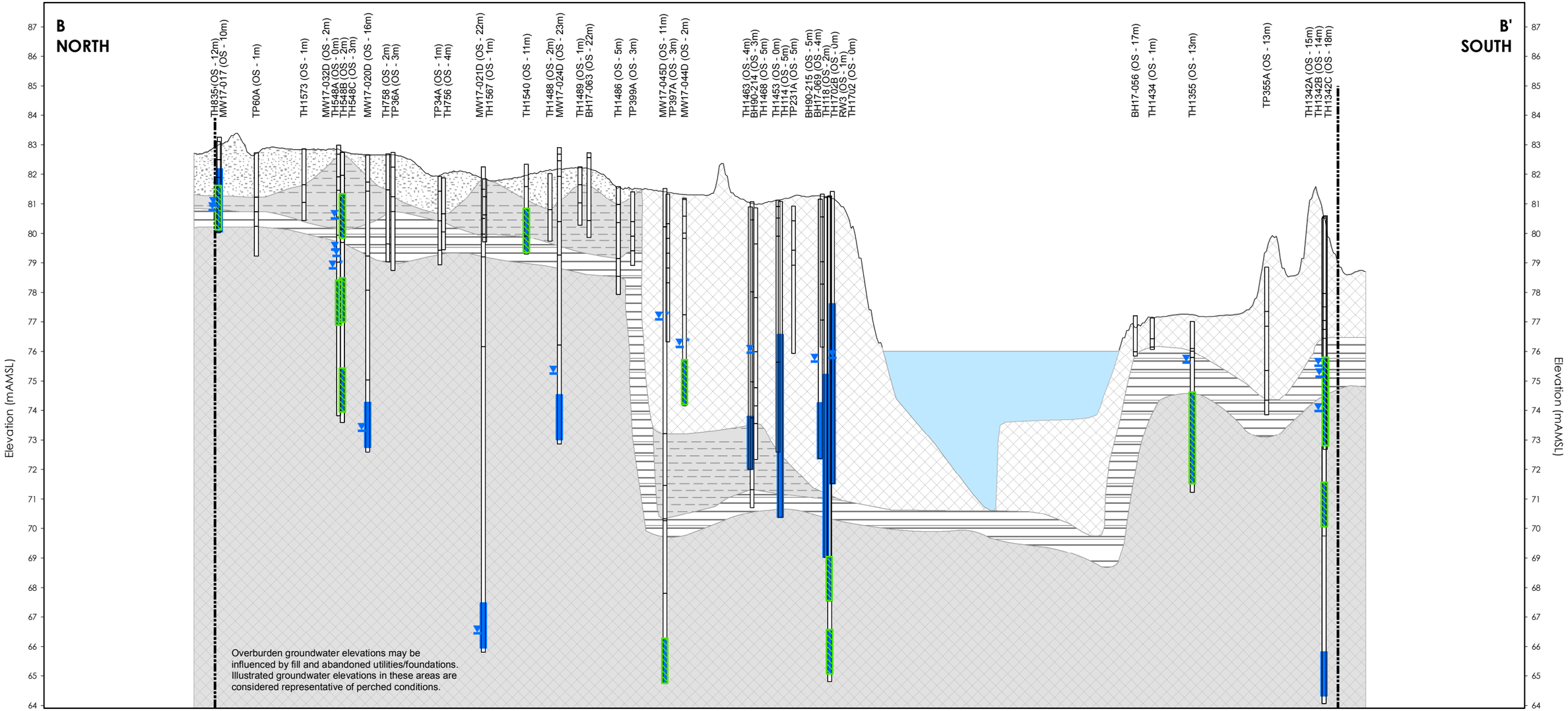
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
26c

Title
Cross-Section B-B' - Summary of Groundwater Analytical Results - VOCs

\\ca1224fp2\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



Notes
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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

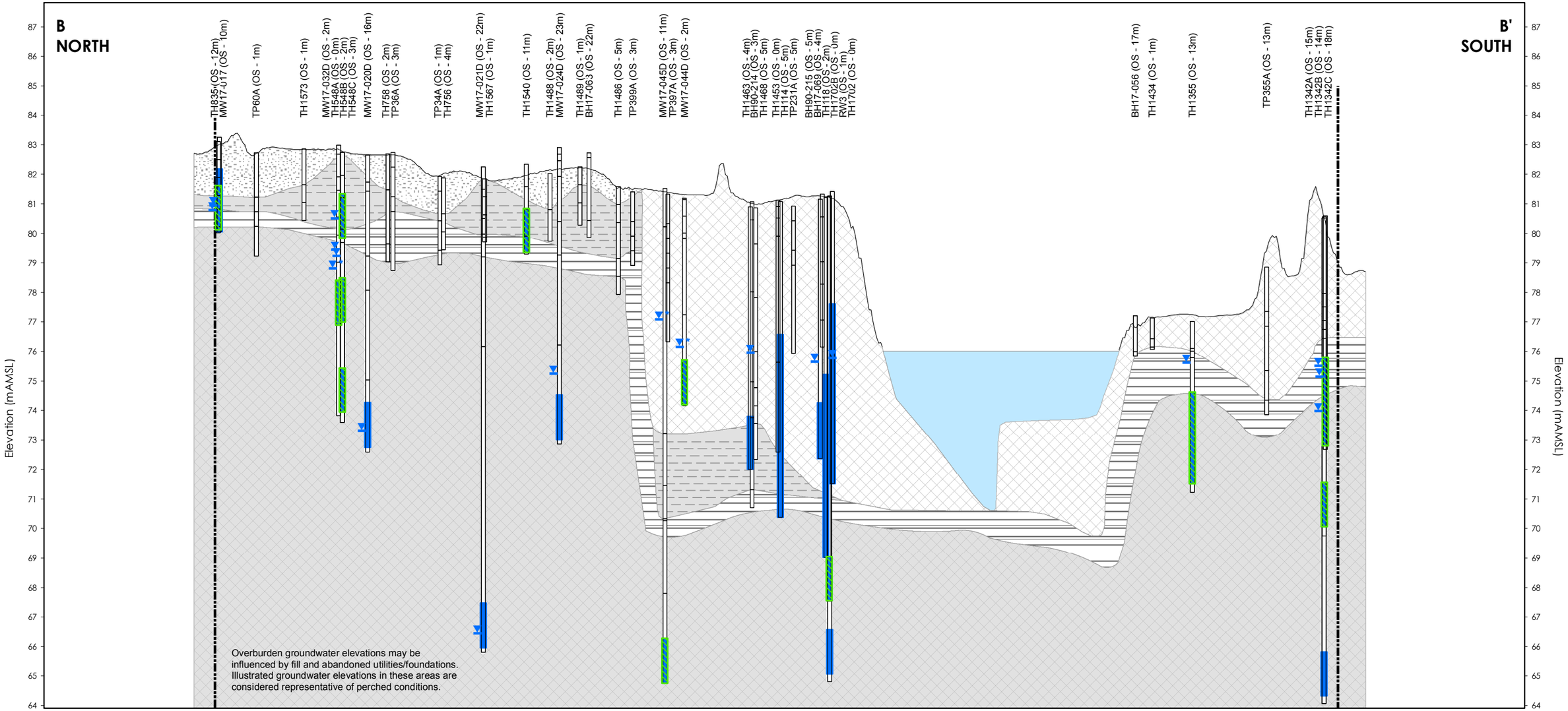
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



Notes
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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

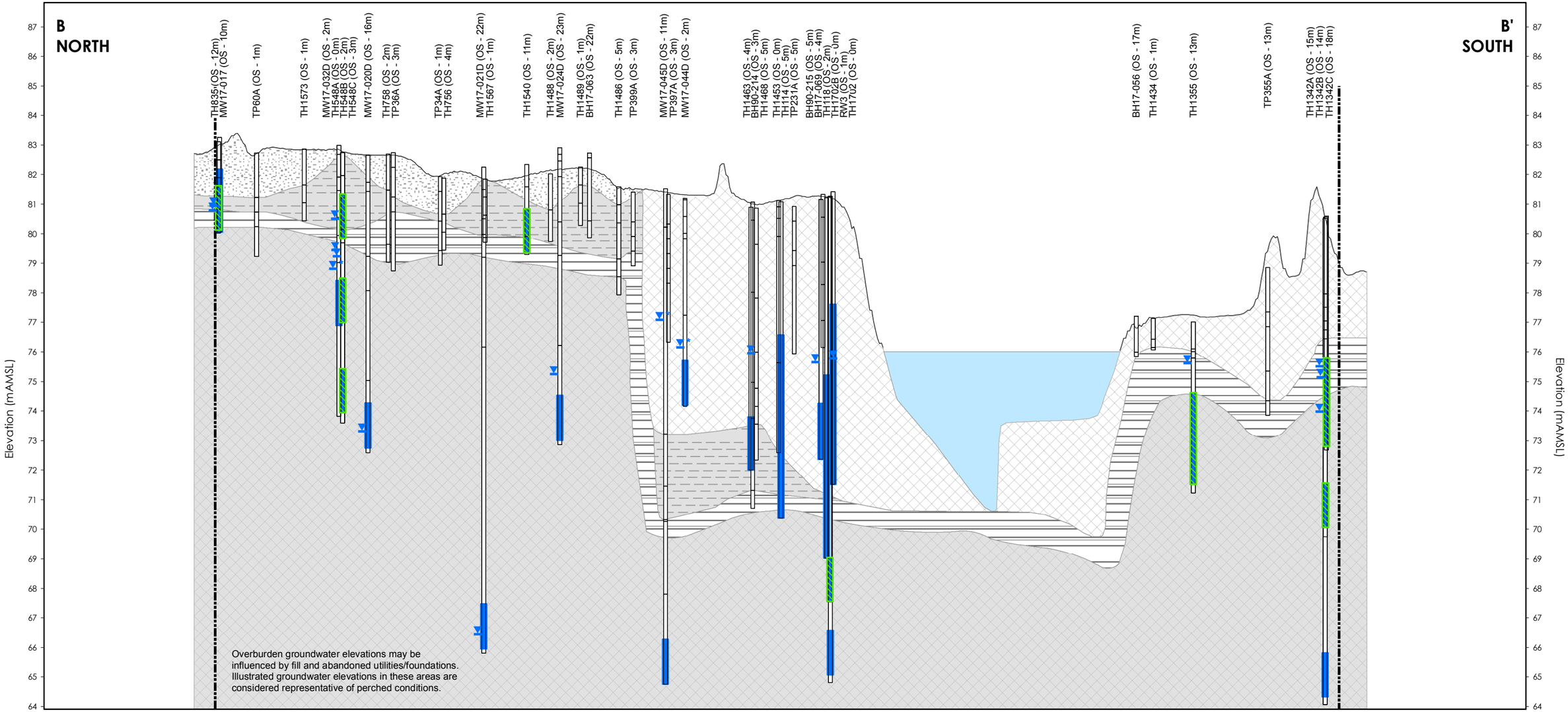
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



Notes
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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

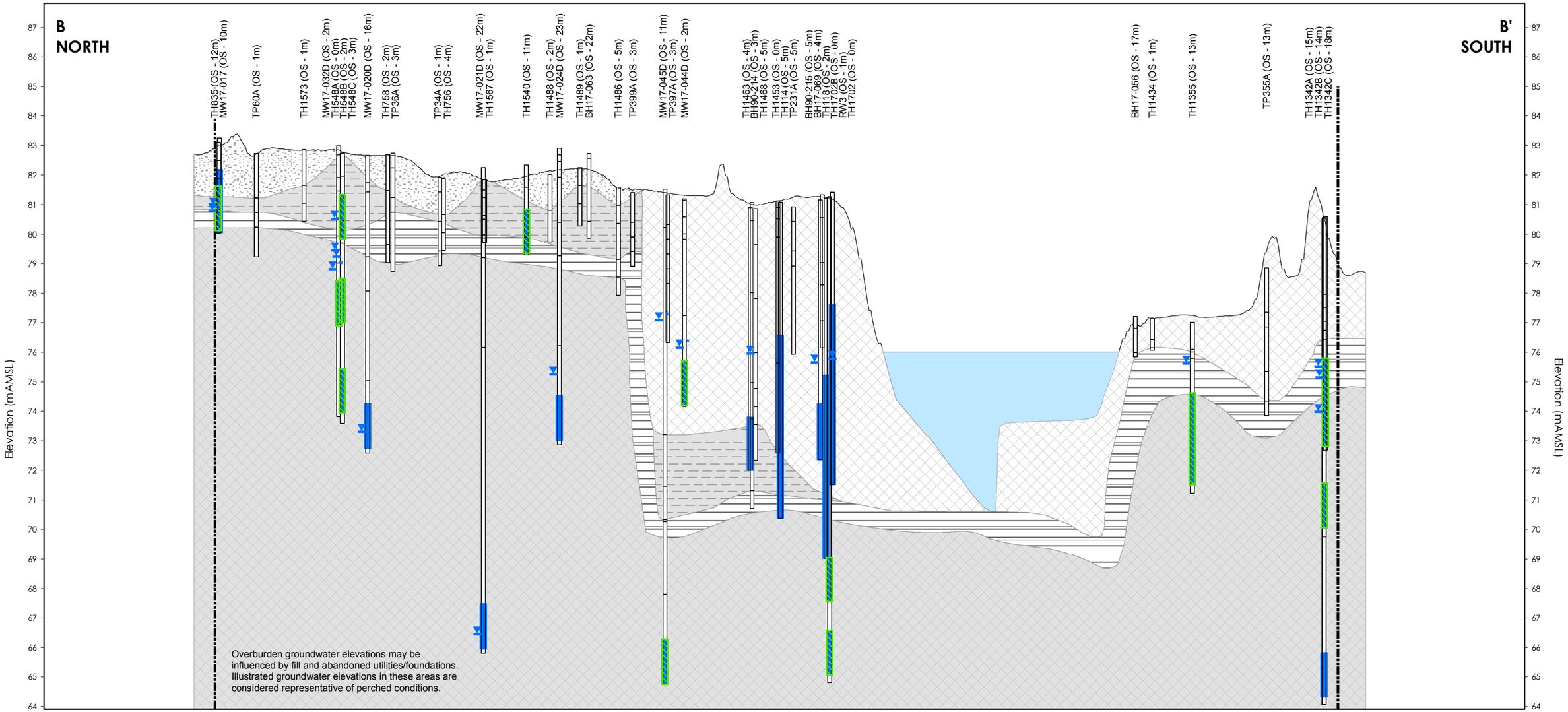
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig26f_XSEC_Section_B-B_GW_CPs.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

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

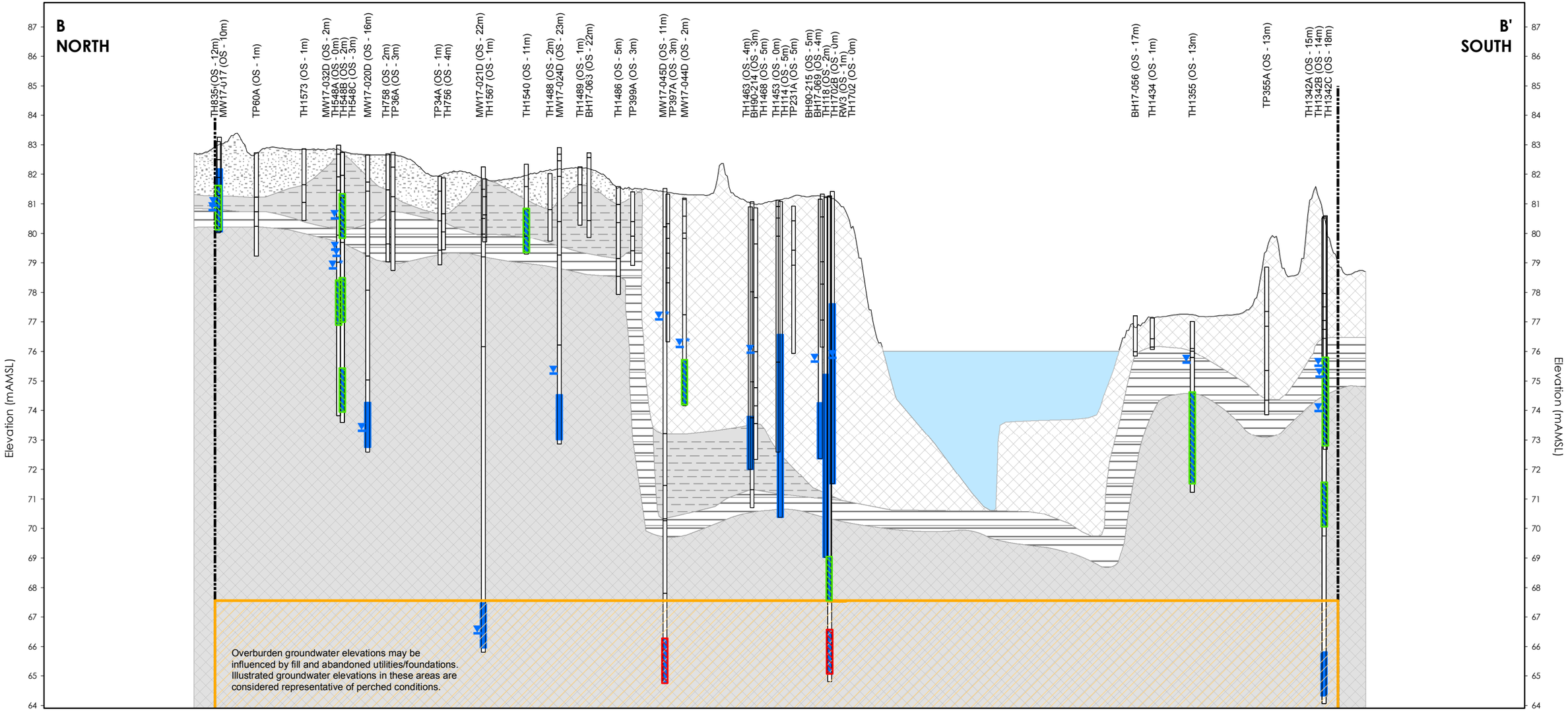
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

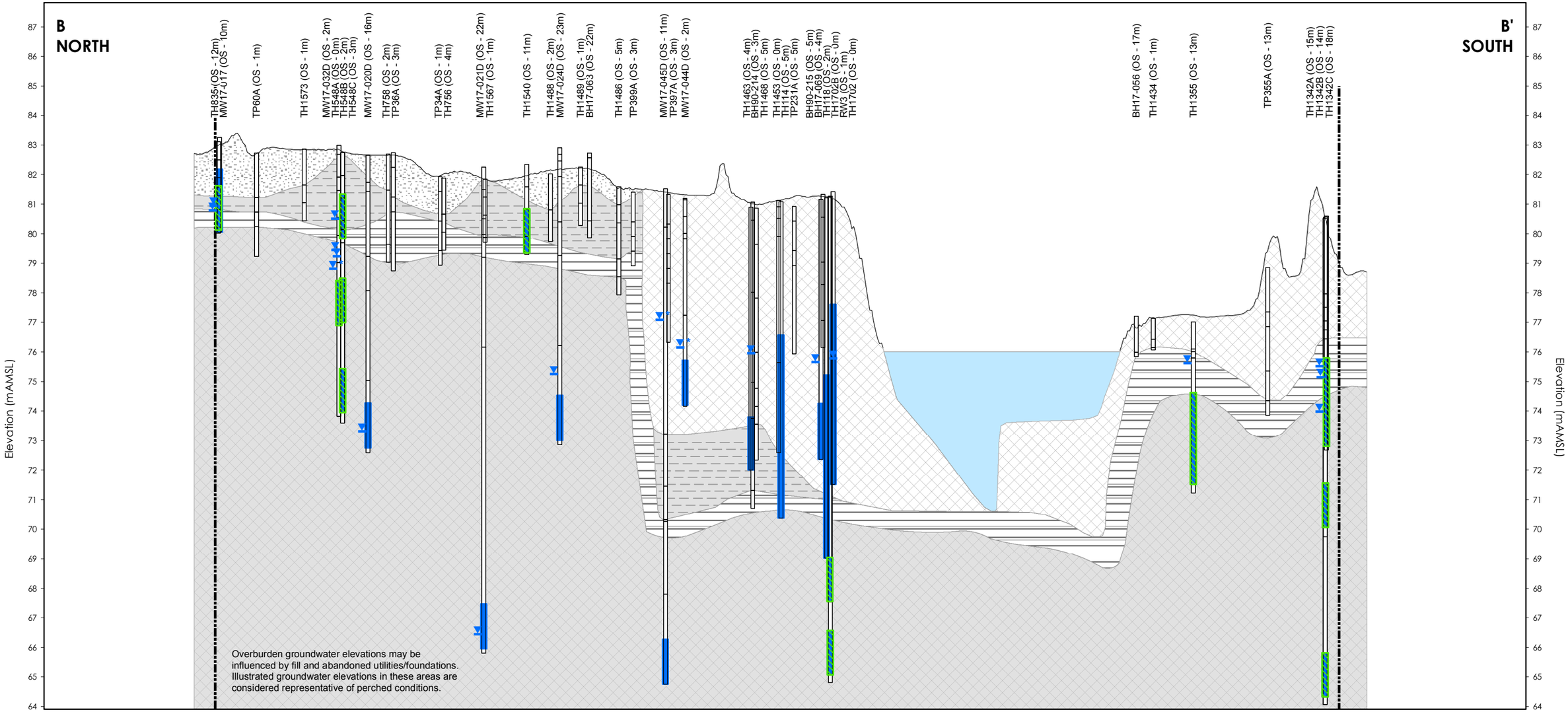
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-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



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

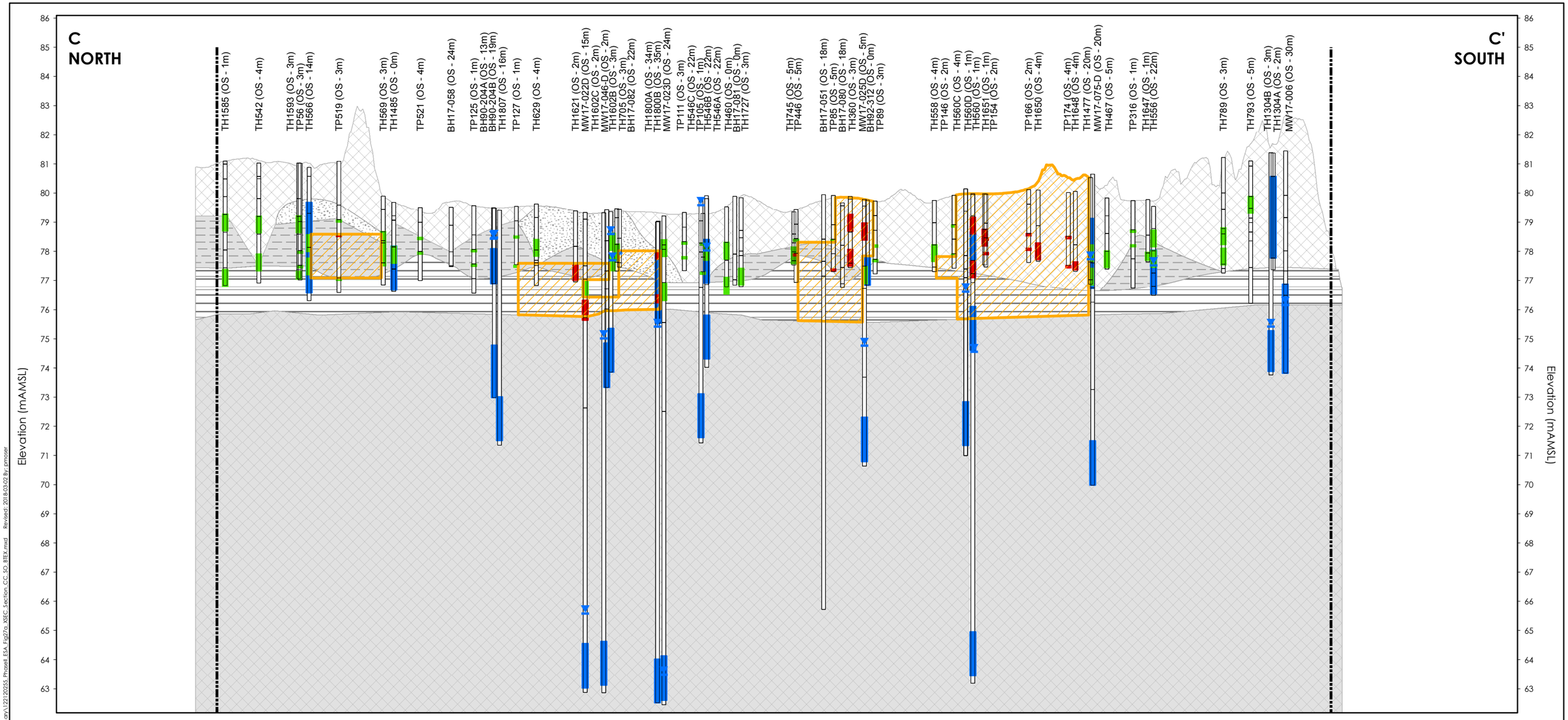
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

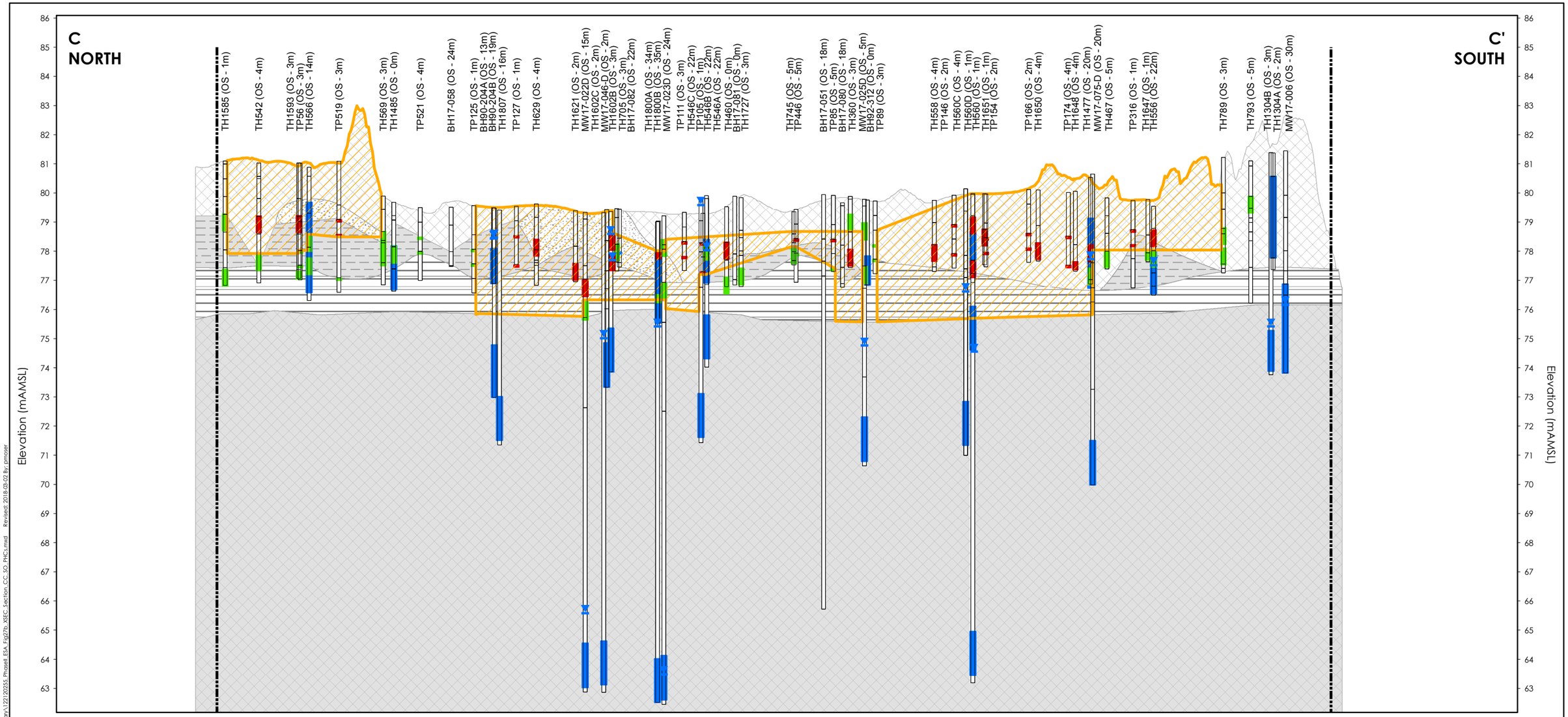
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\WLD\Phase II ESA_Summary\122120255_Phase II ESA_Fig27a_XSEC_Section_CC_SO_BTEX.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. 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-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

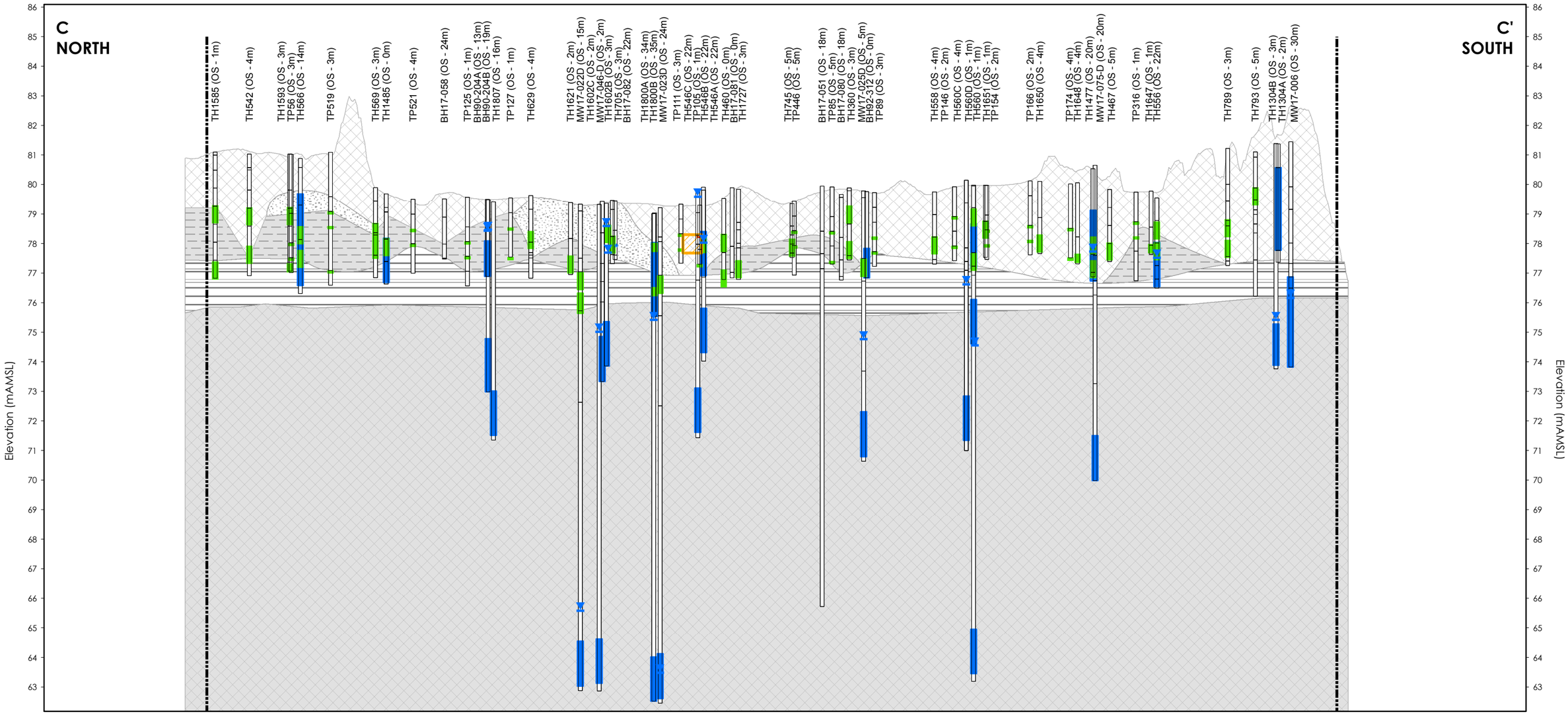
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig27b XSEC Section CC 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
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

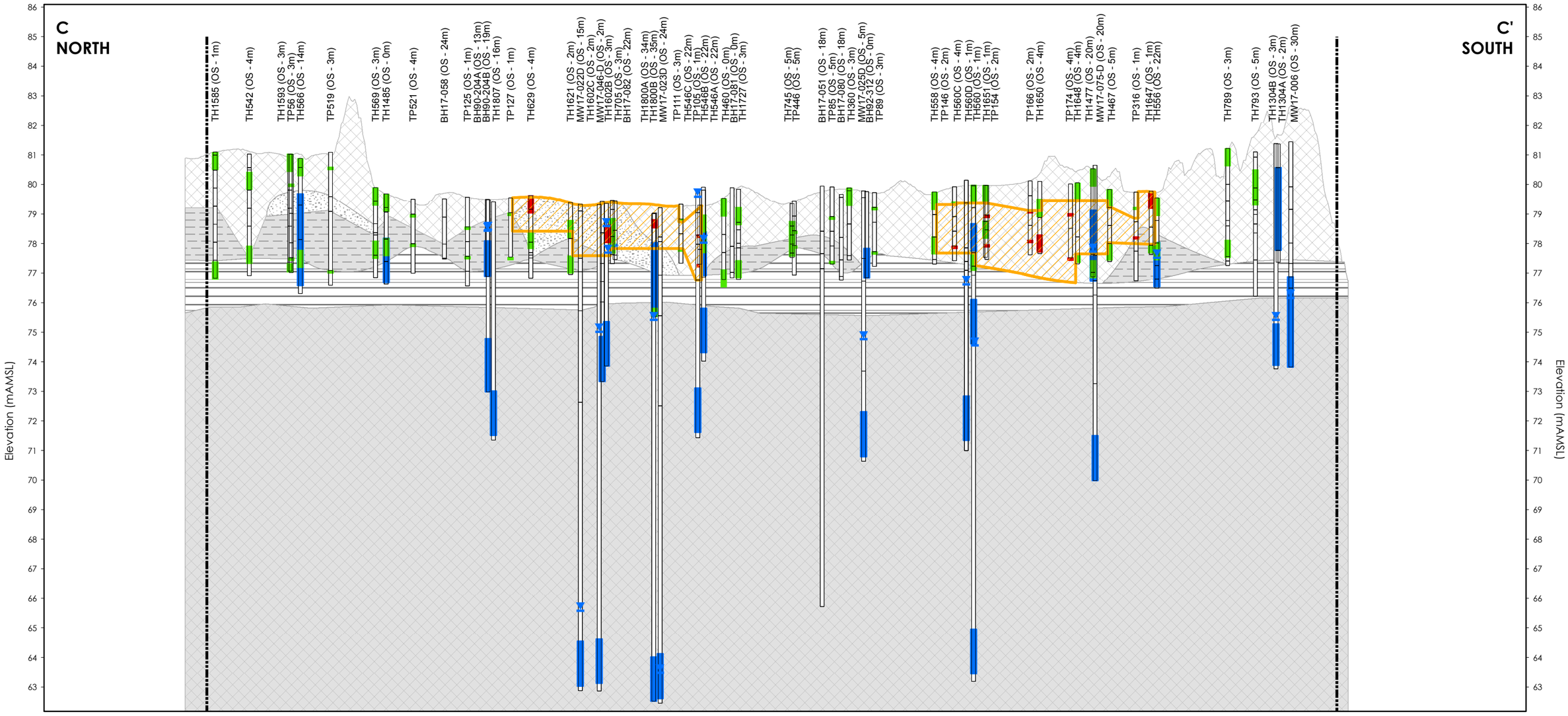
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

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

\\Ca1214f01\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

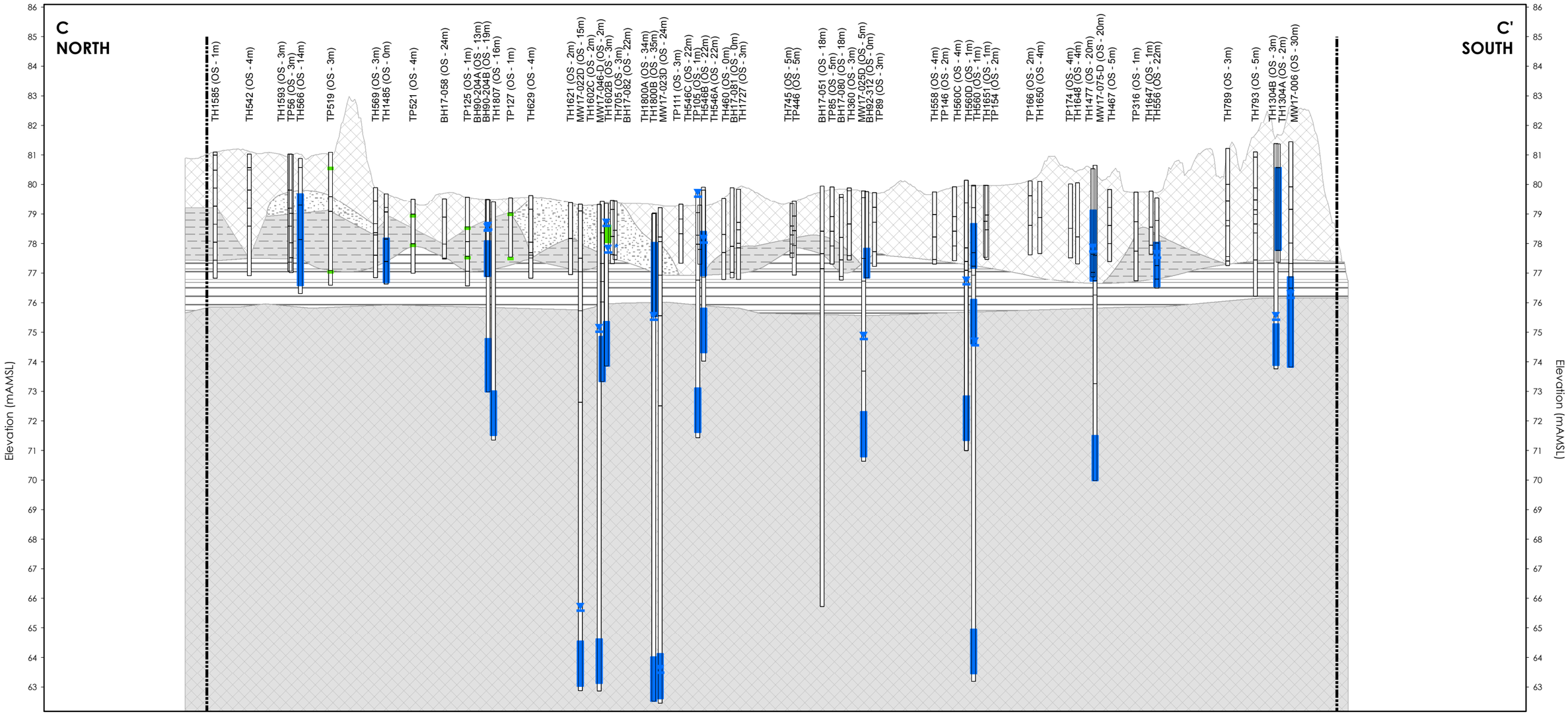
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f01\work_group\01221\active\122120255\planning\drawing\WUDI\Phase II ESA_Summary\122120255_Phase II ESA_Fig27d_XSEC_Section_CC_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

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

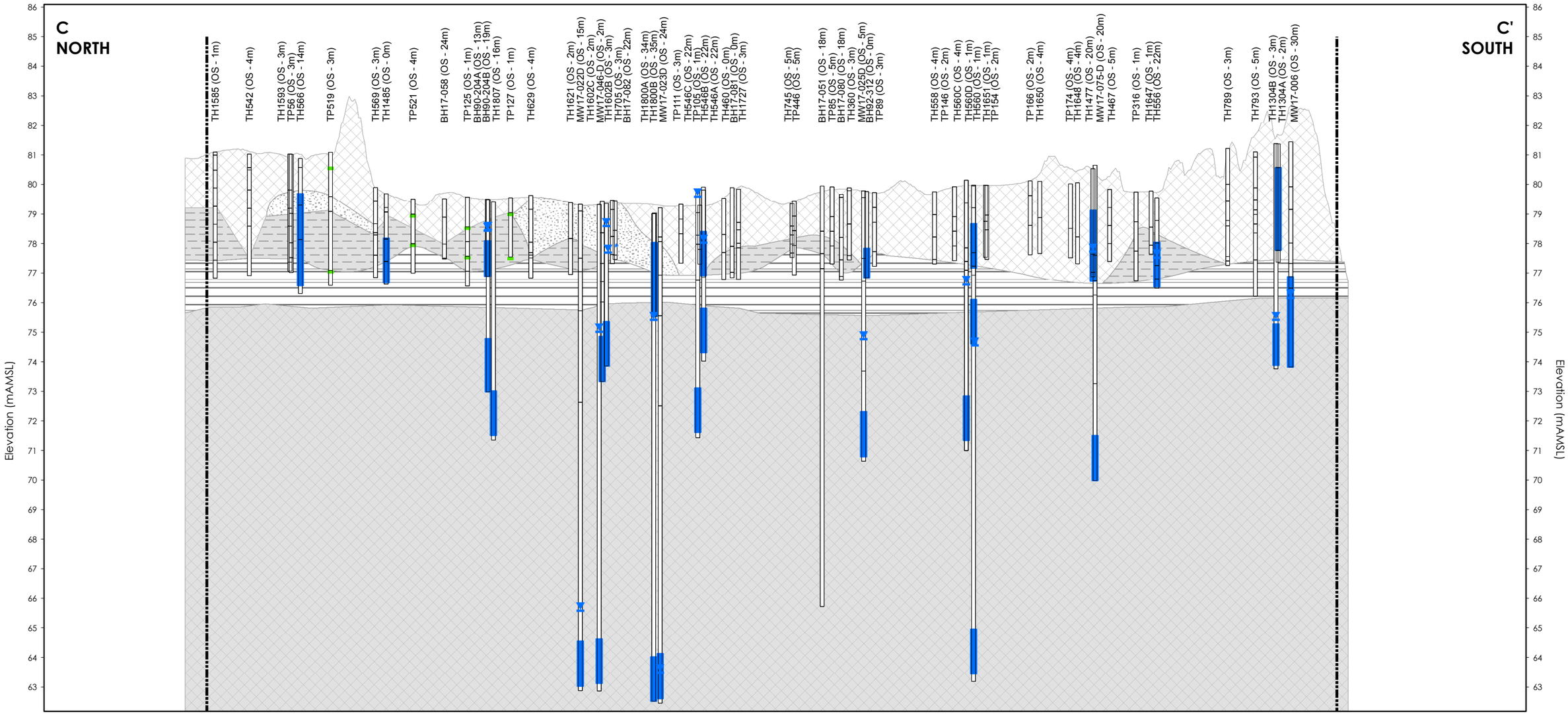
122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

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

\\cd1224f02\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



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

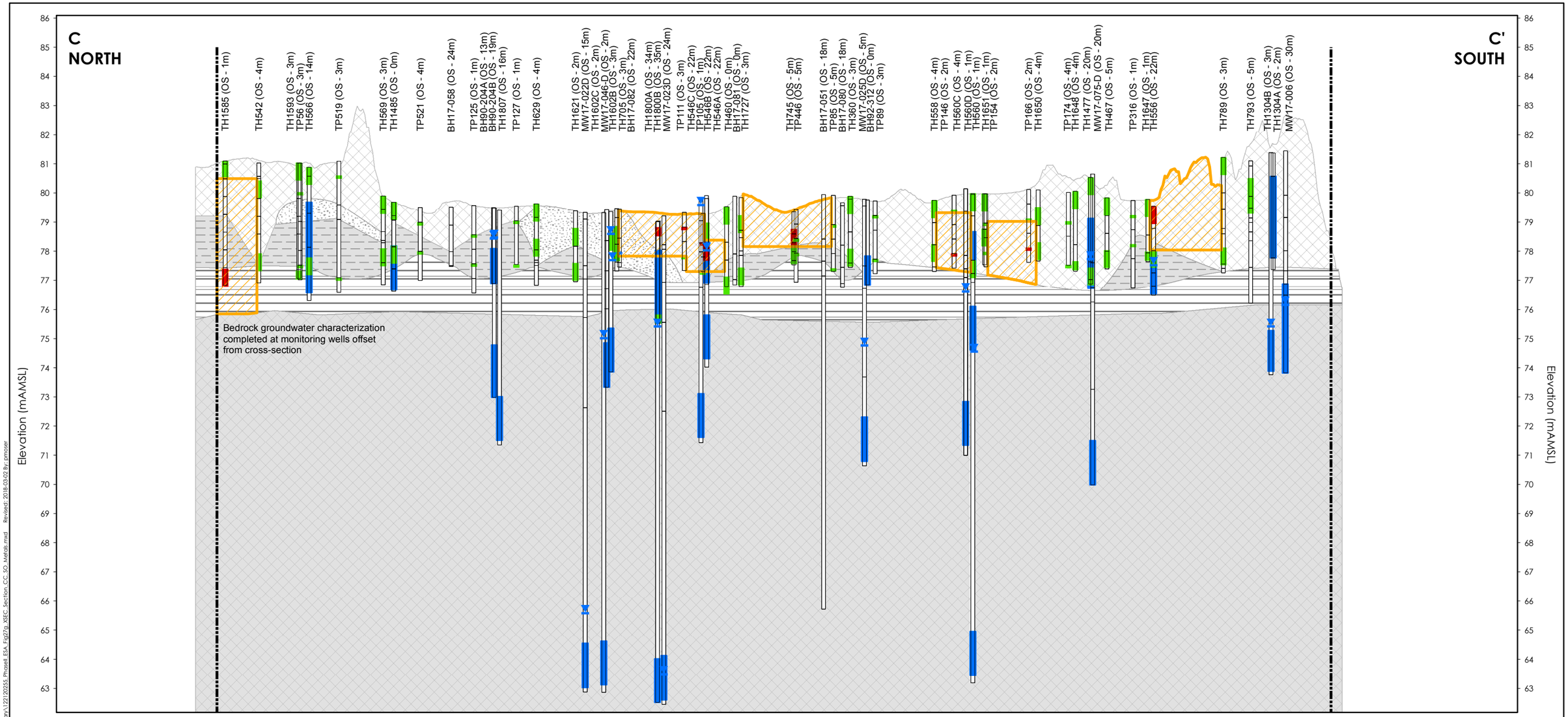
122120255 REVA
Prepared by pmoser on 2018-02-21
Technical Review by NM on 2018-02-21

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



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

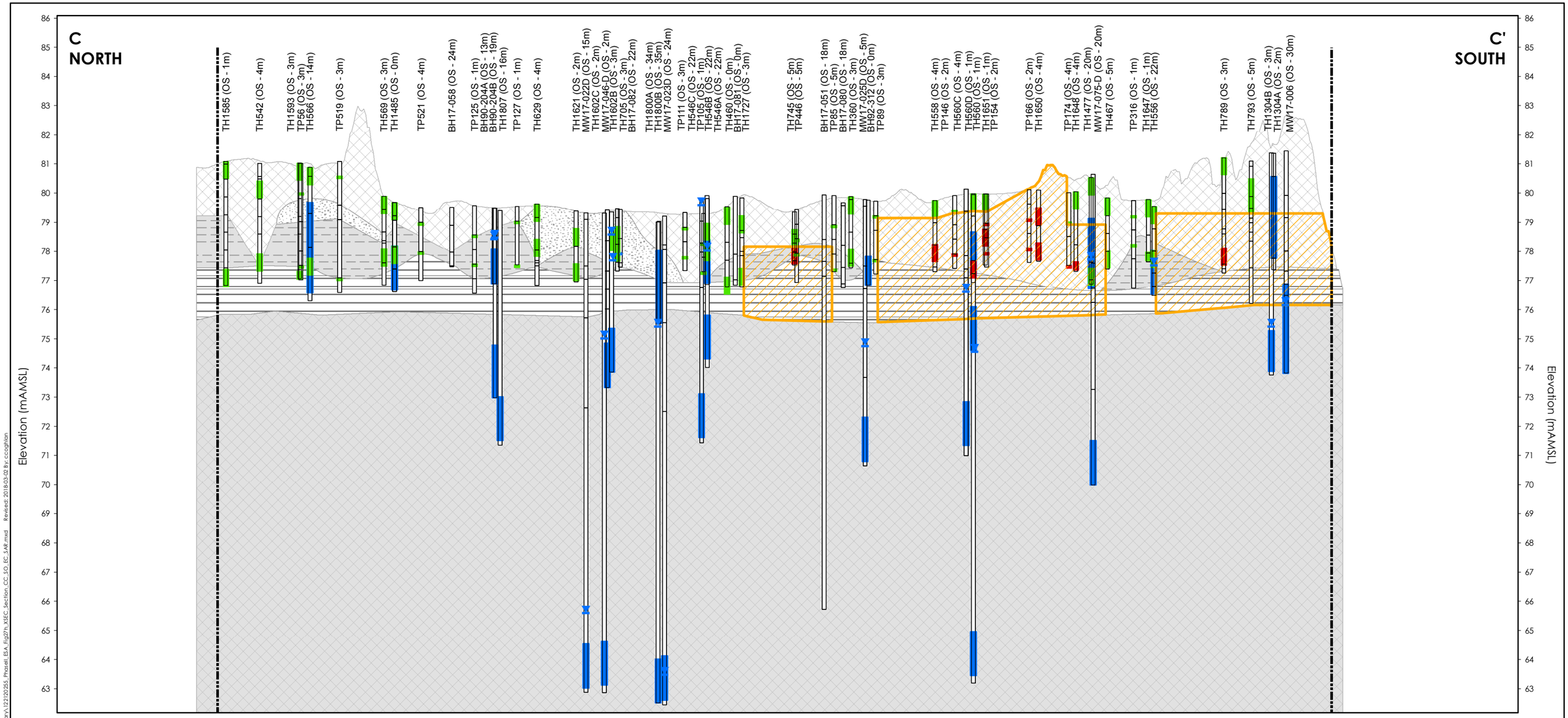
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

Figure No.
27g

Title
Cross-Section C-C' - Summary of Soil Analytical Results - Metals

\\Cd1224f01\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig27g XSEC Section C-C' SO Metals.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. 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

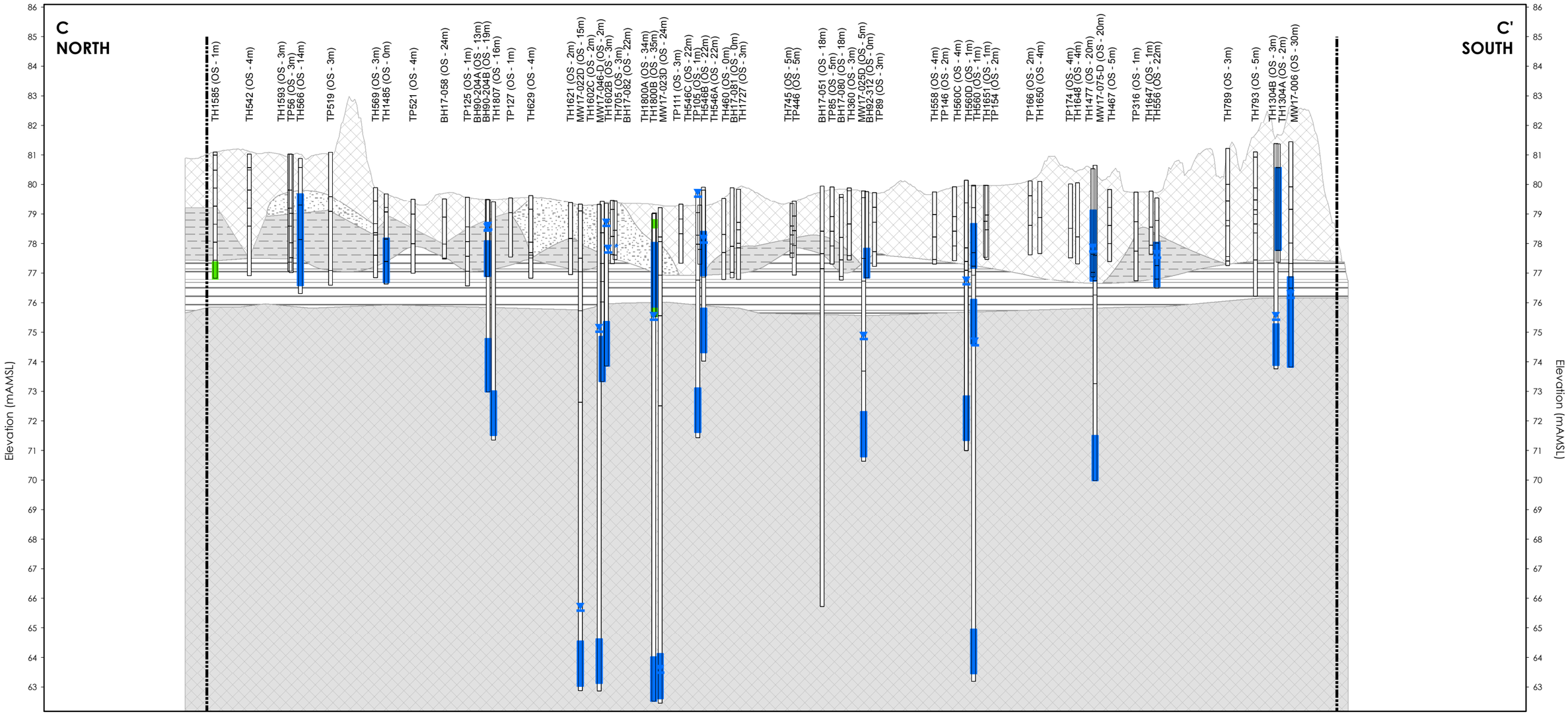
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224-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: 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
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

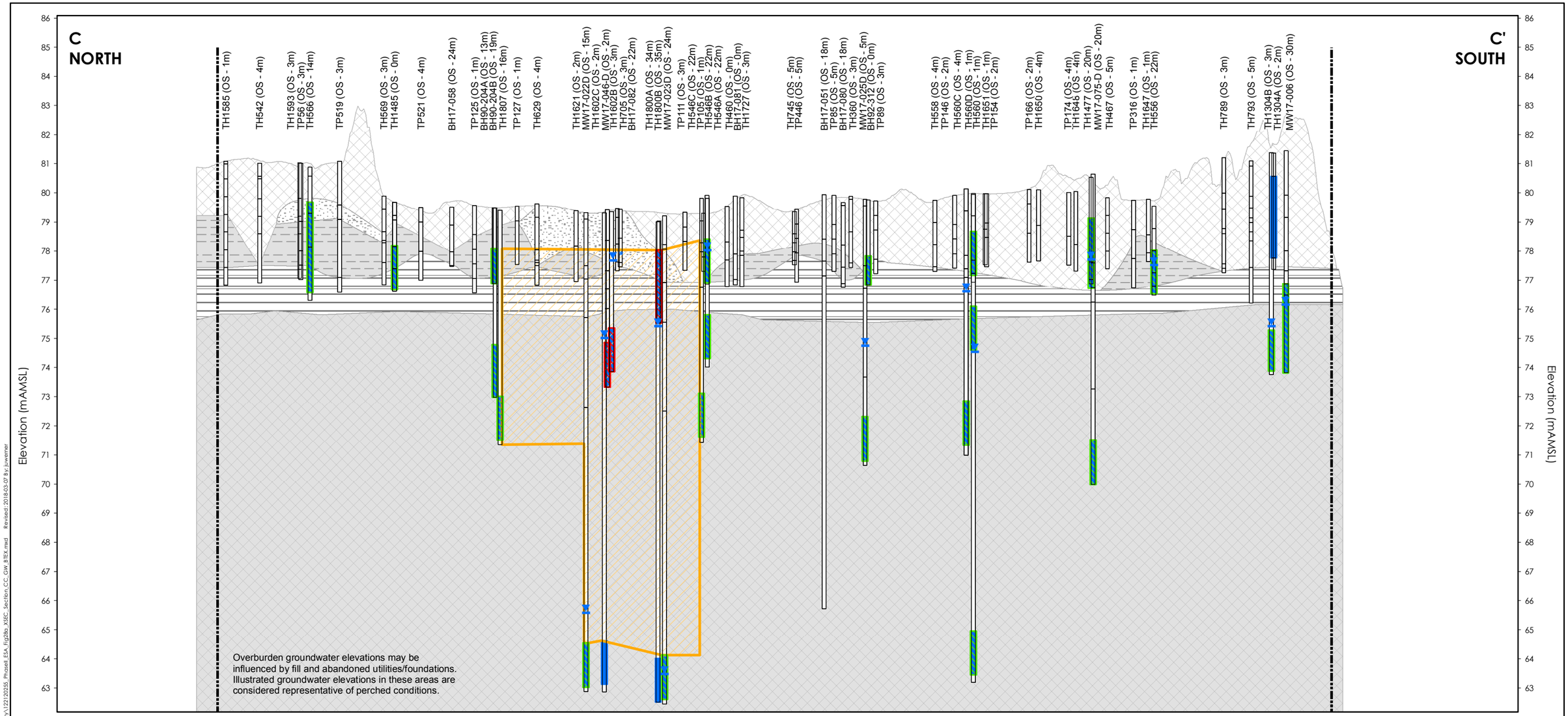
122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

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

\\ca1224f02\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



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

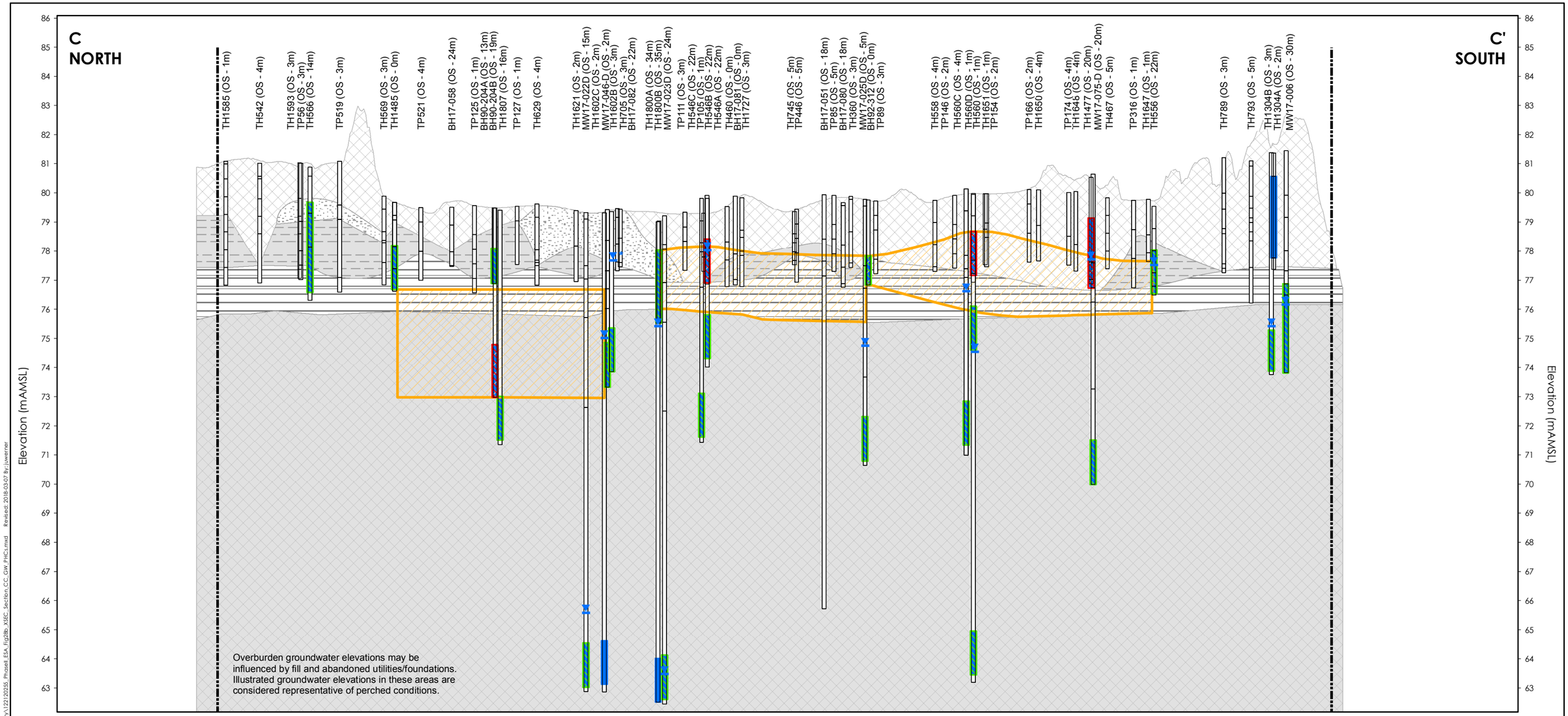
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig28a_XSEC_Section_C-C_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 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

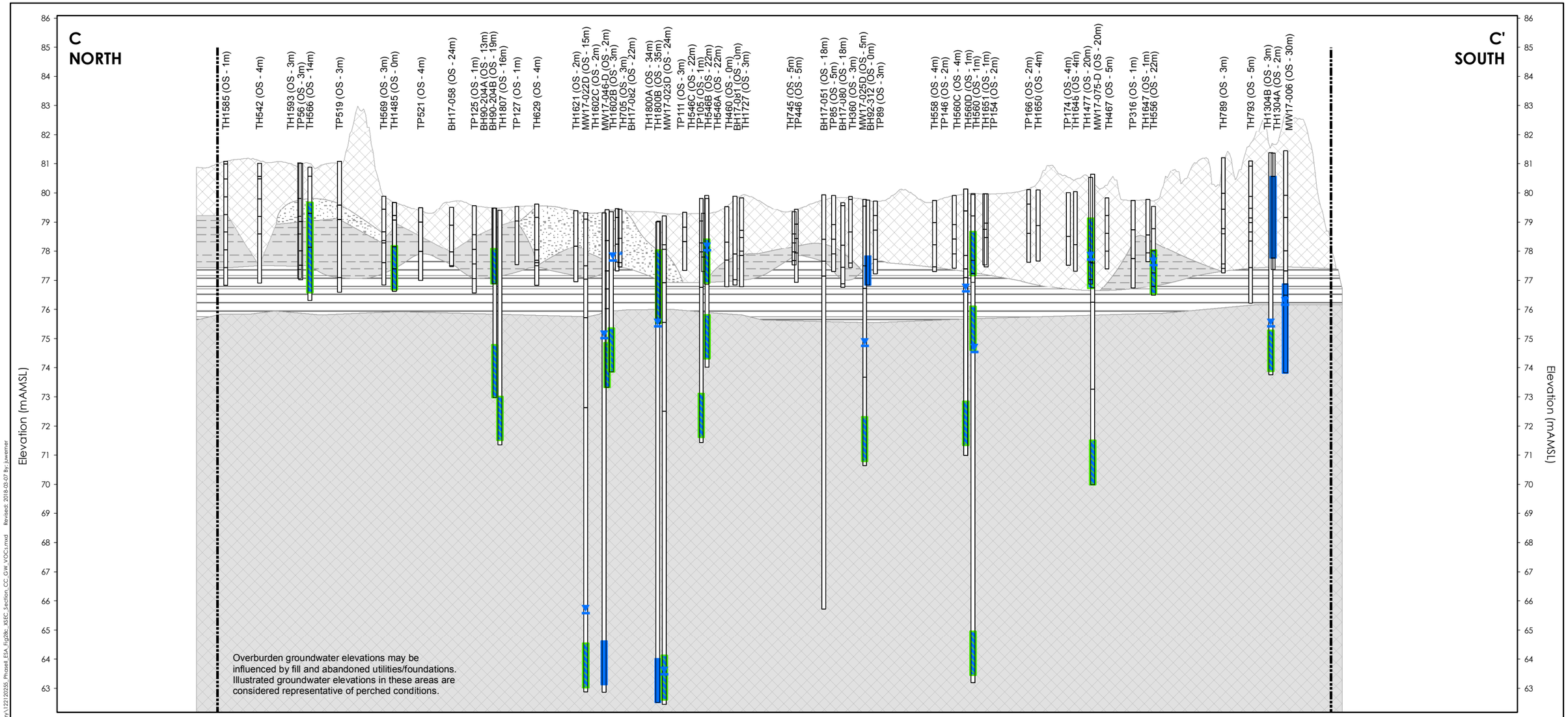
1221202 55 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
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



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

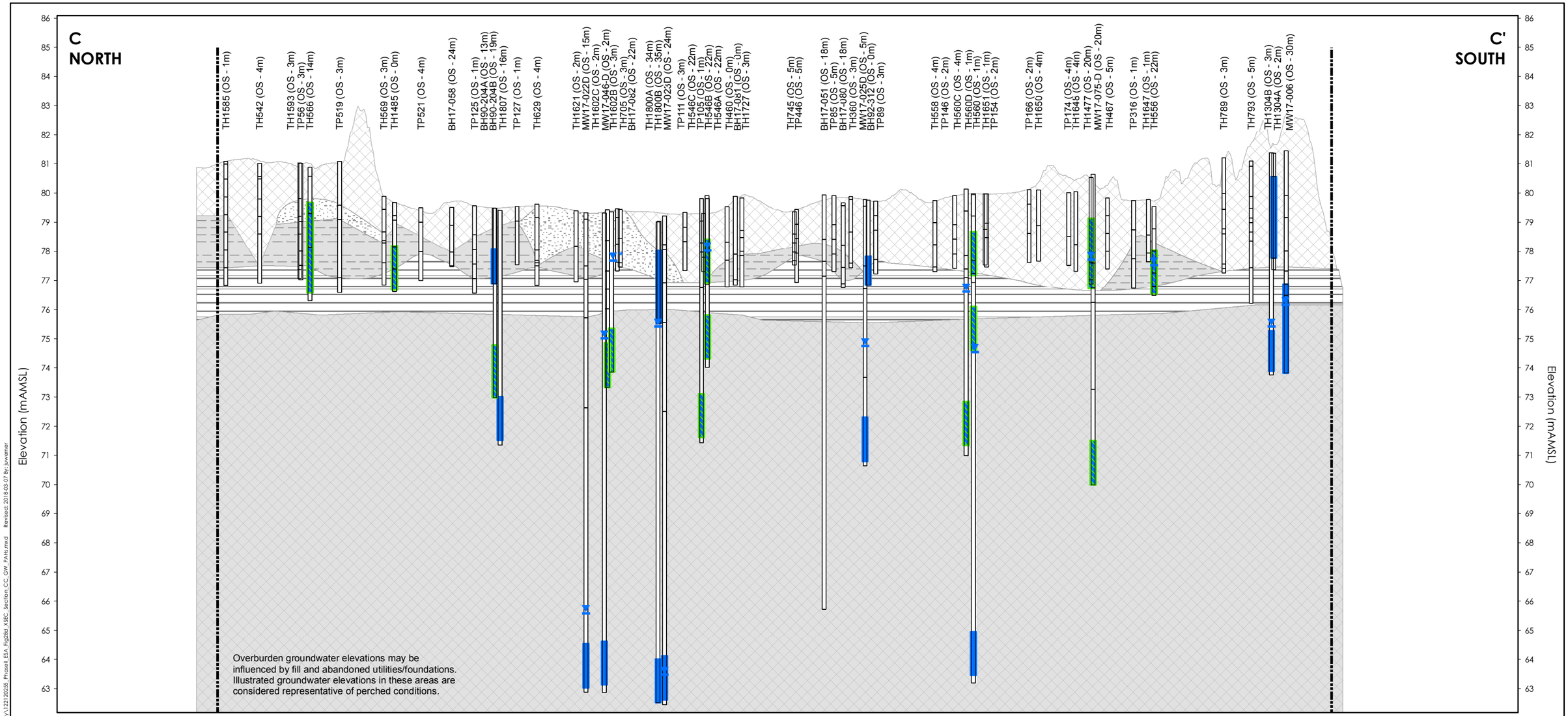
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-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



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

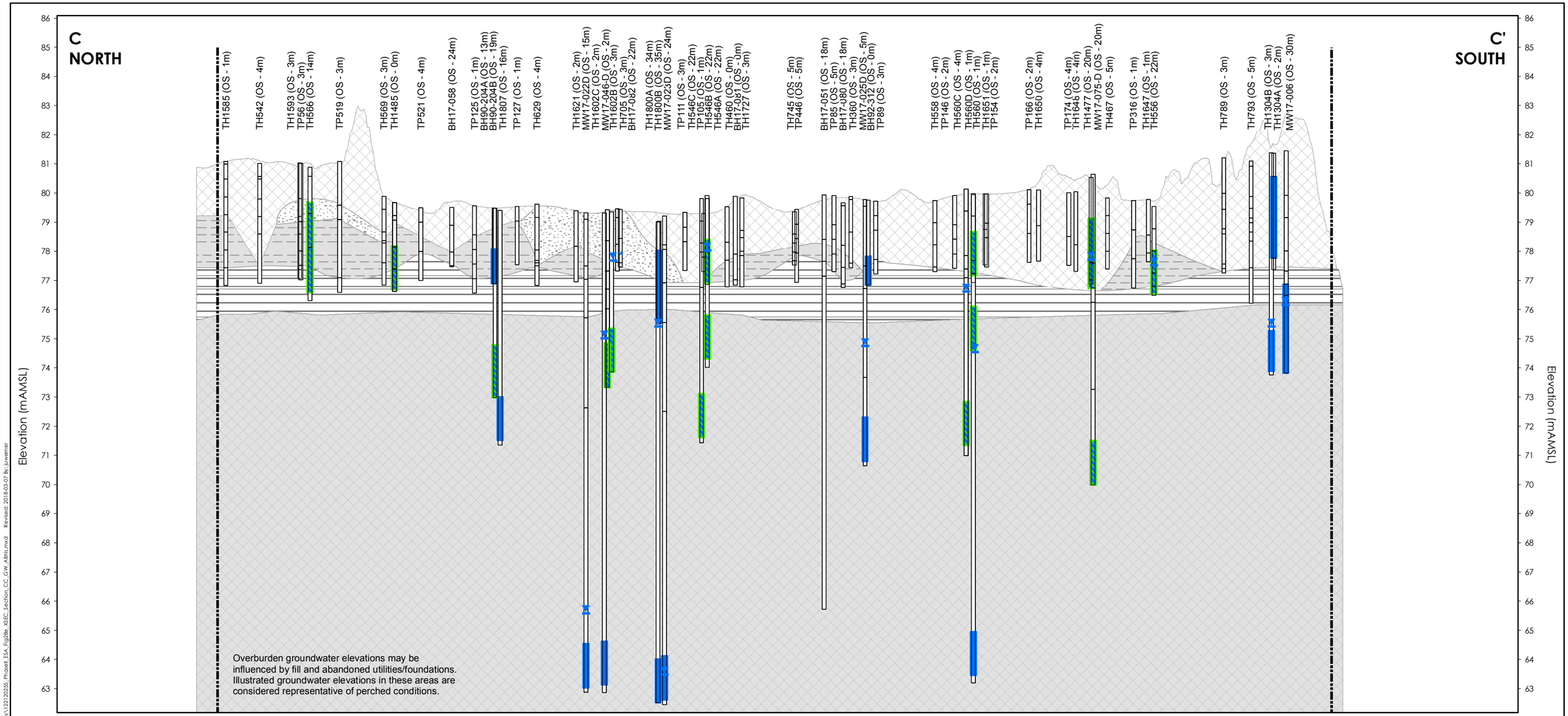
1221202 55 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
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



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

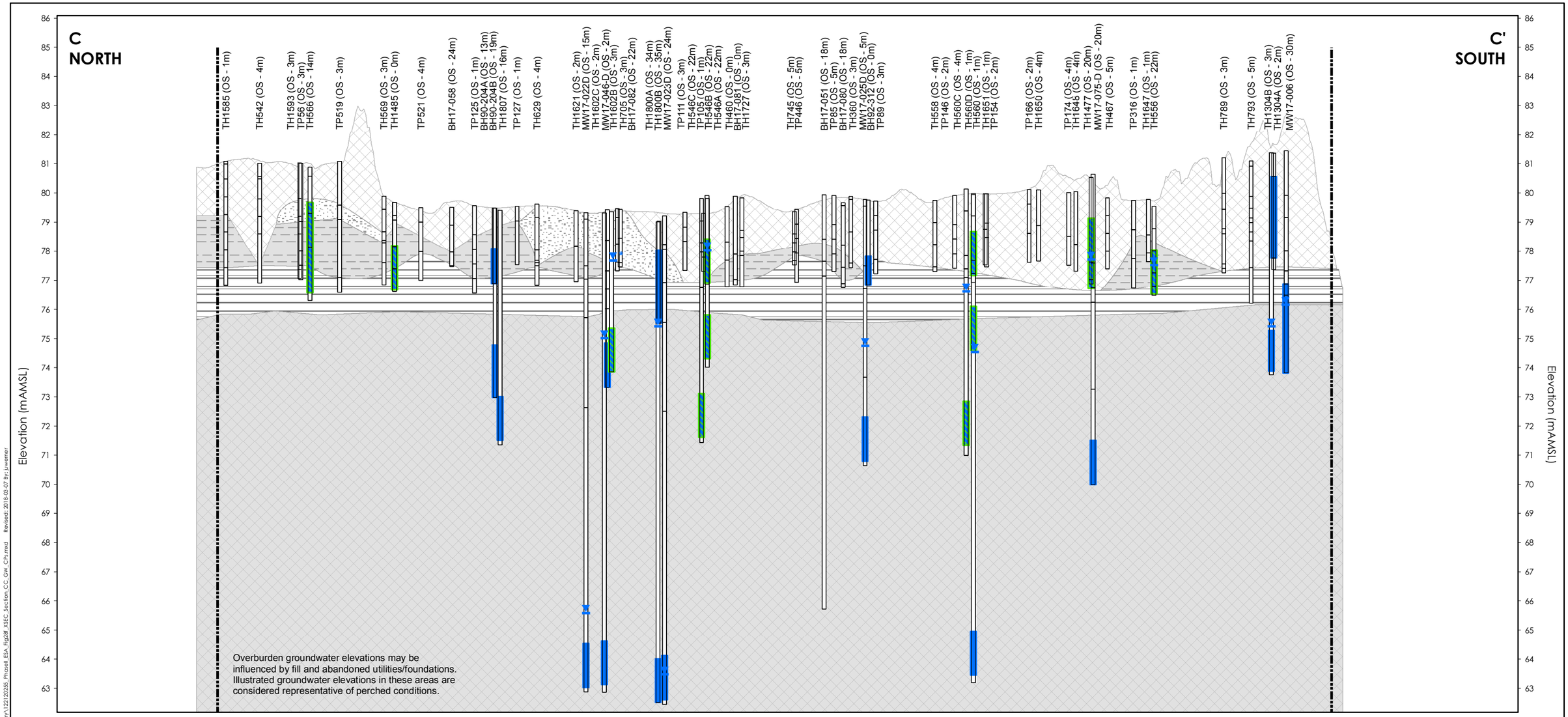
1221202 55 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
28e

Title
Cross-Section C-C' - 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_Fig28e_XSEC_Section_CC_GW_ABNs.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 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

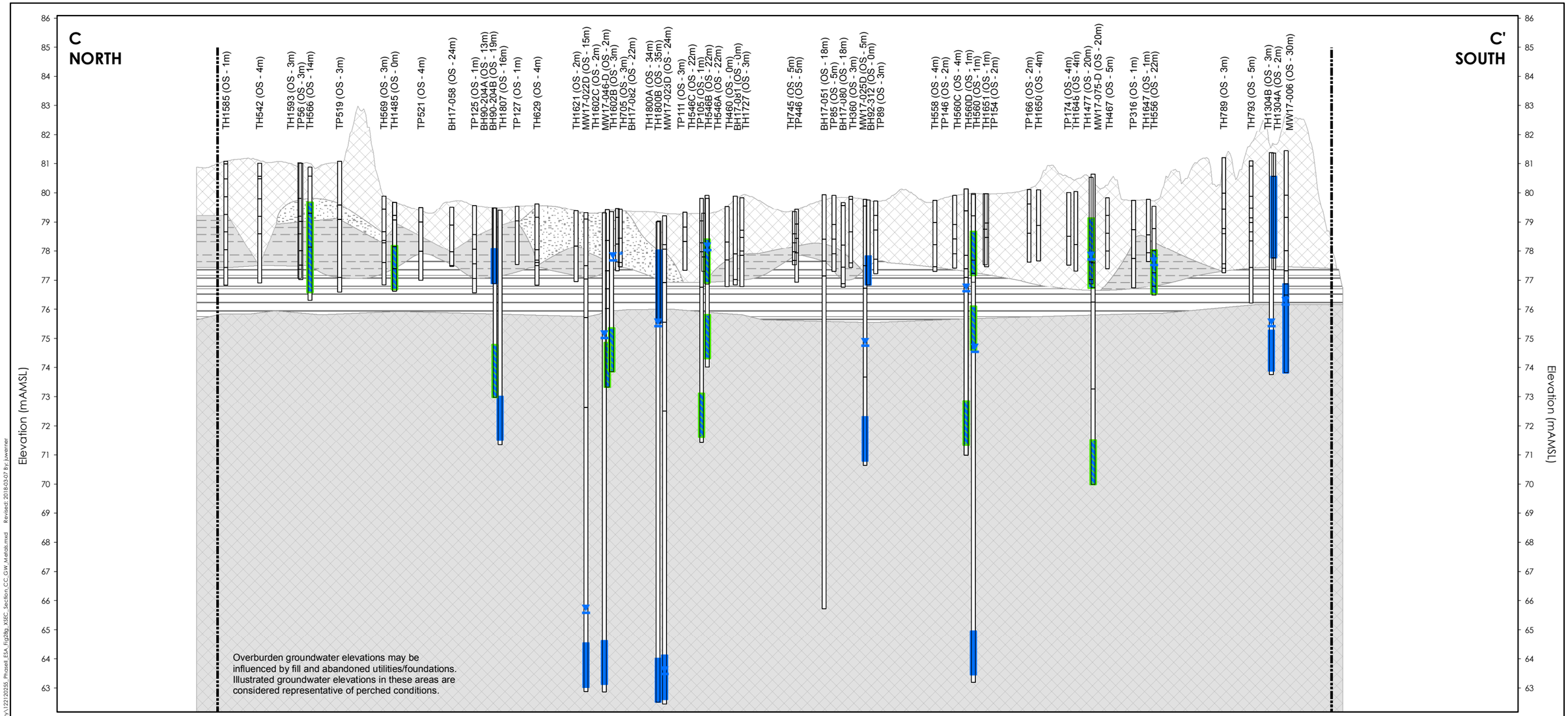
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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-fp2\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig28_XSEC_Section_C-C_GW_CPs.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 30 60 metres

1:2,000 (At original document size of 11x17)

Stantec

Project Location
Mississauga, Ontario

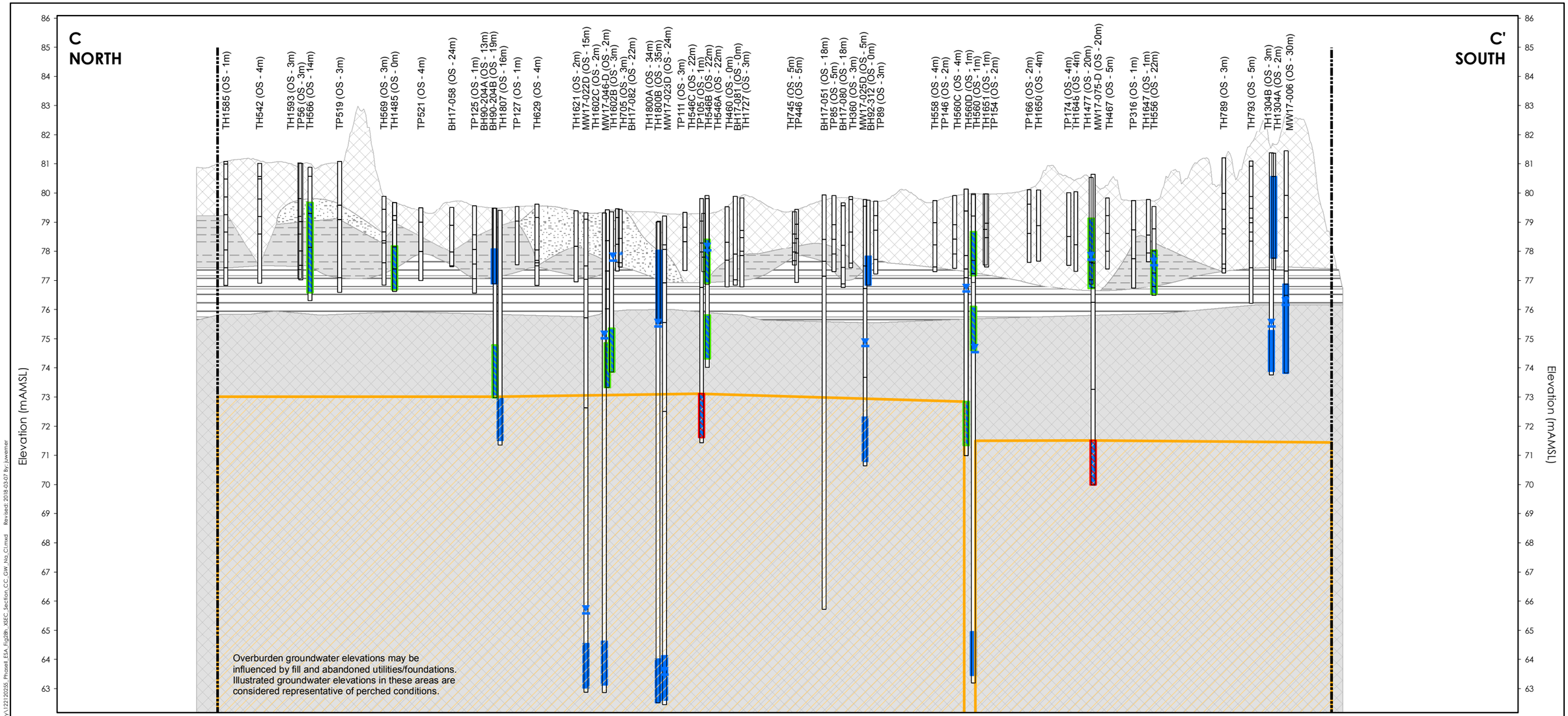
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255_Phase II ESA_Fig28g_XSEC_Section C-C'-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

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

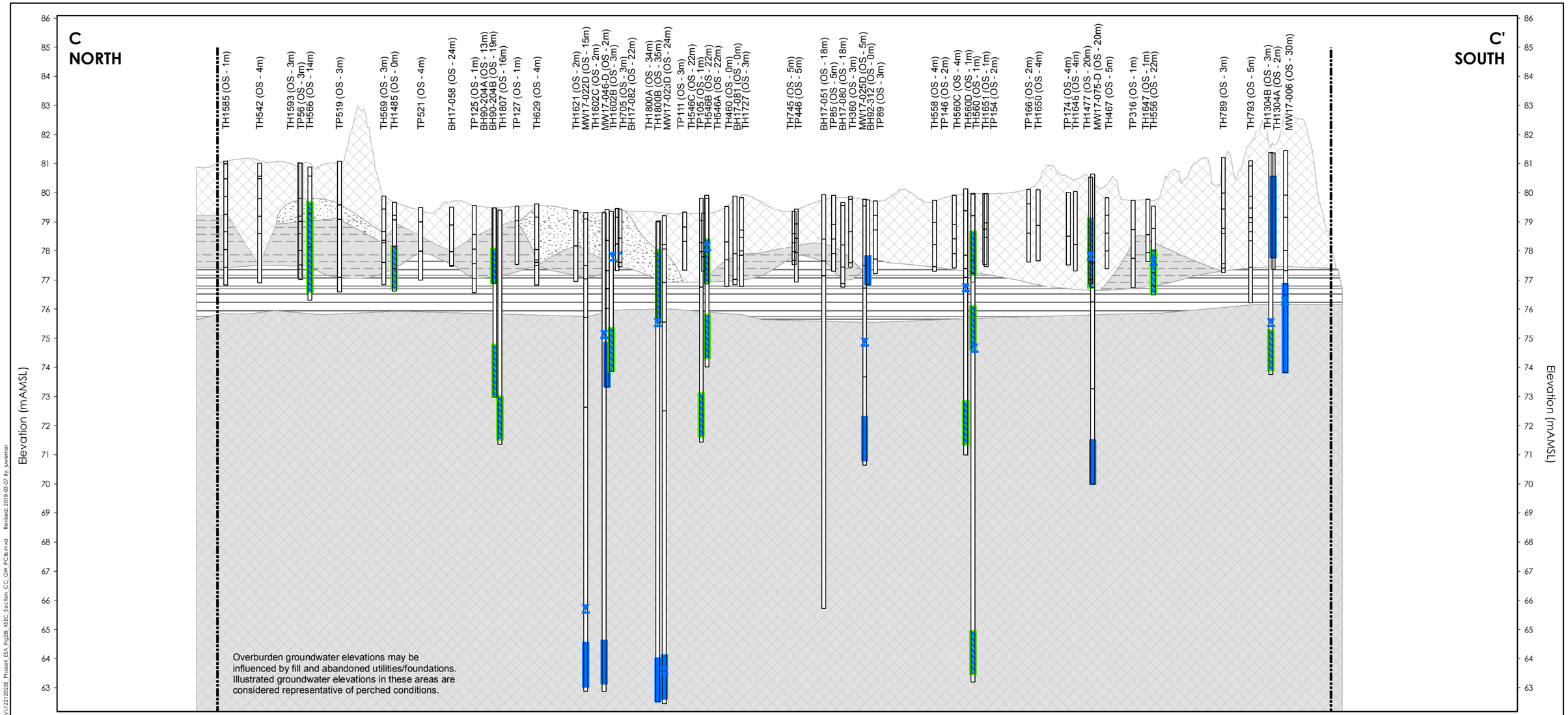
122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
28h

Title
Cross-Section C-C' - 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_Fig28h_XSEC_Section_CC_GW_No_Cl.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. 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

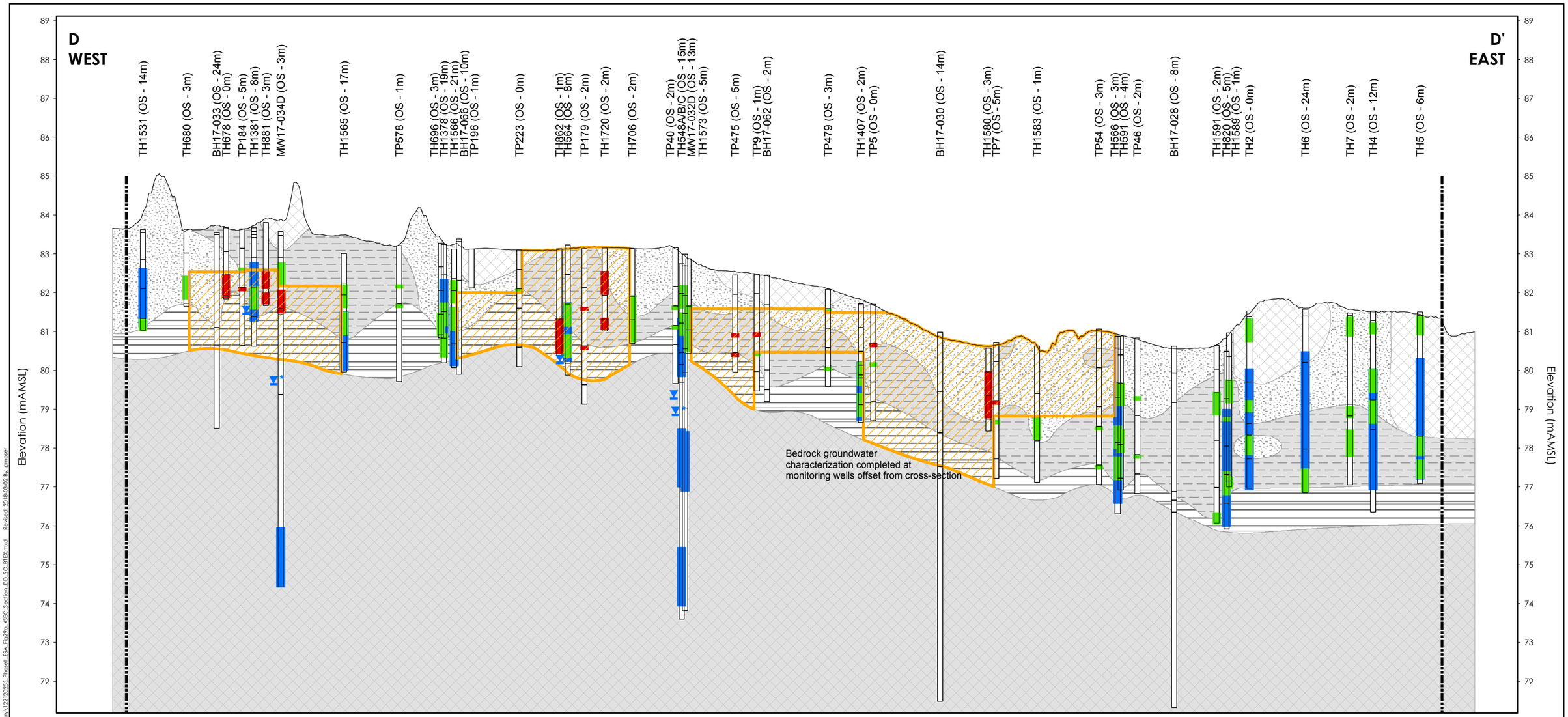
1221202 55 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
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_Fig28_XSEC_Section_C-C'_GW_PCBs.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. 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

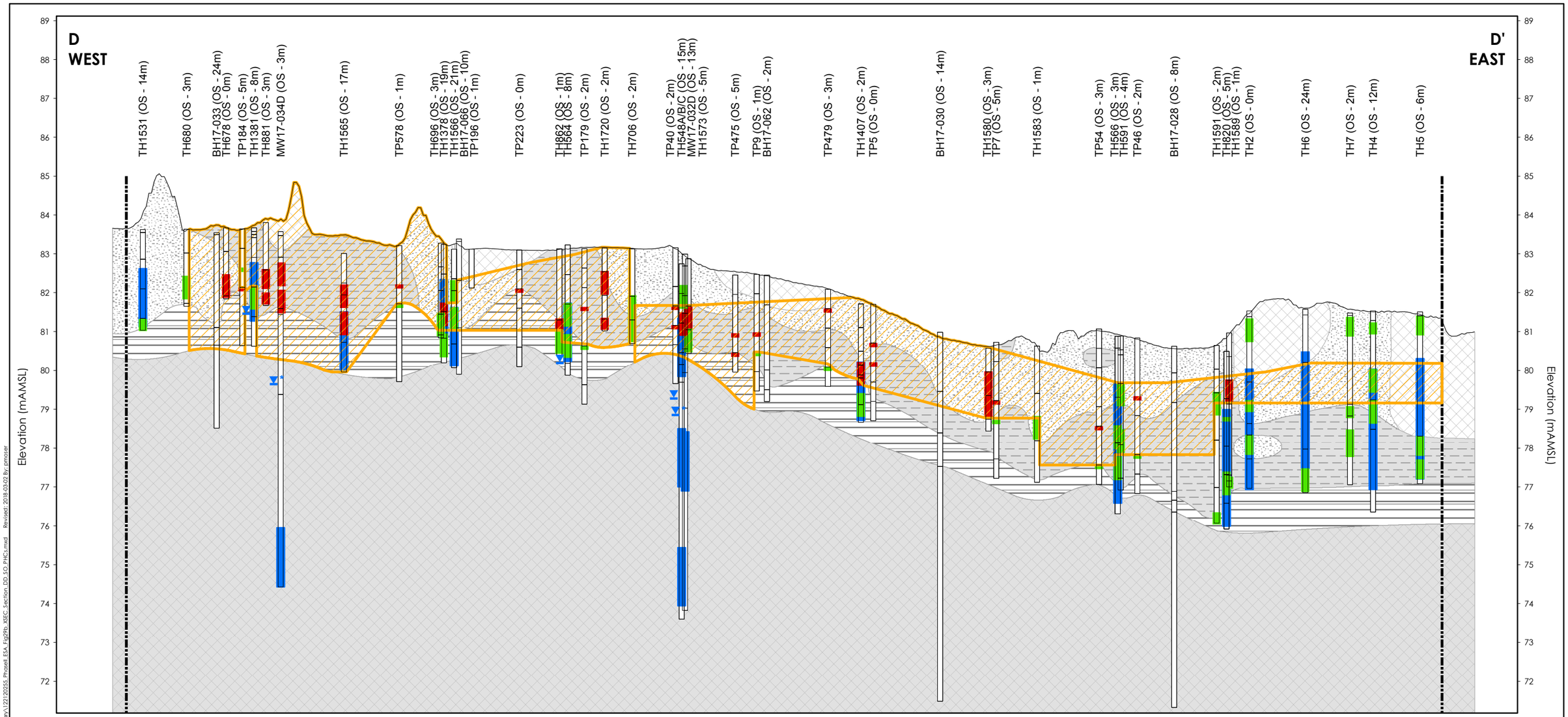
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\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



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 25 50 metres

1:1,500 (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

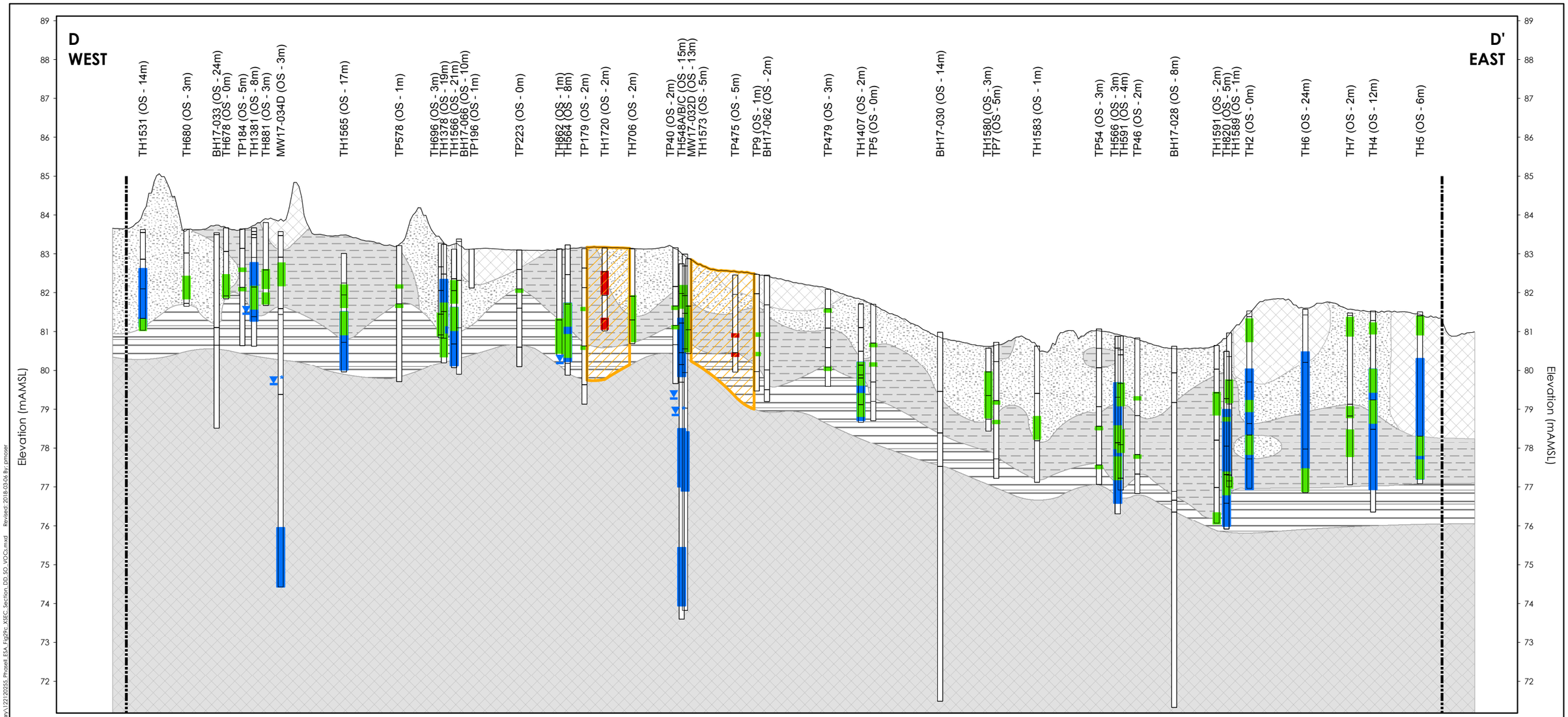
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

Figure No.
29b

Title
Cross-Section D-D' - Summary of Soil Analytical Results - PHCs

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig29b_XSEC_Section_DD'_SO 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

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

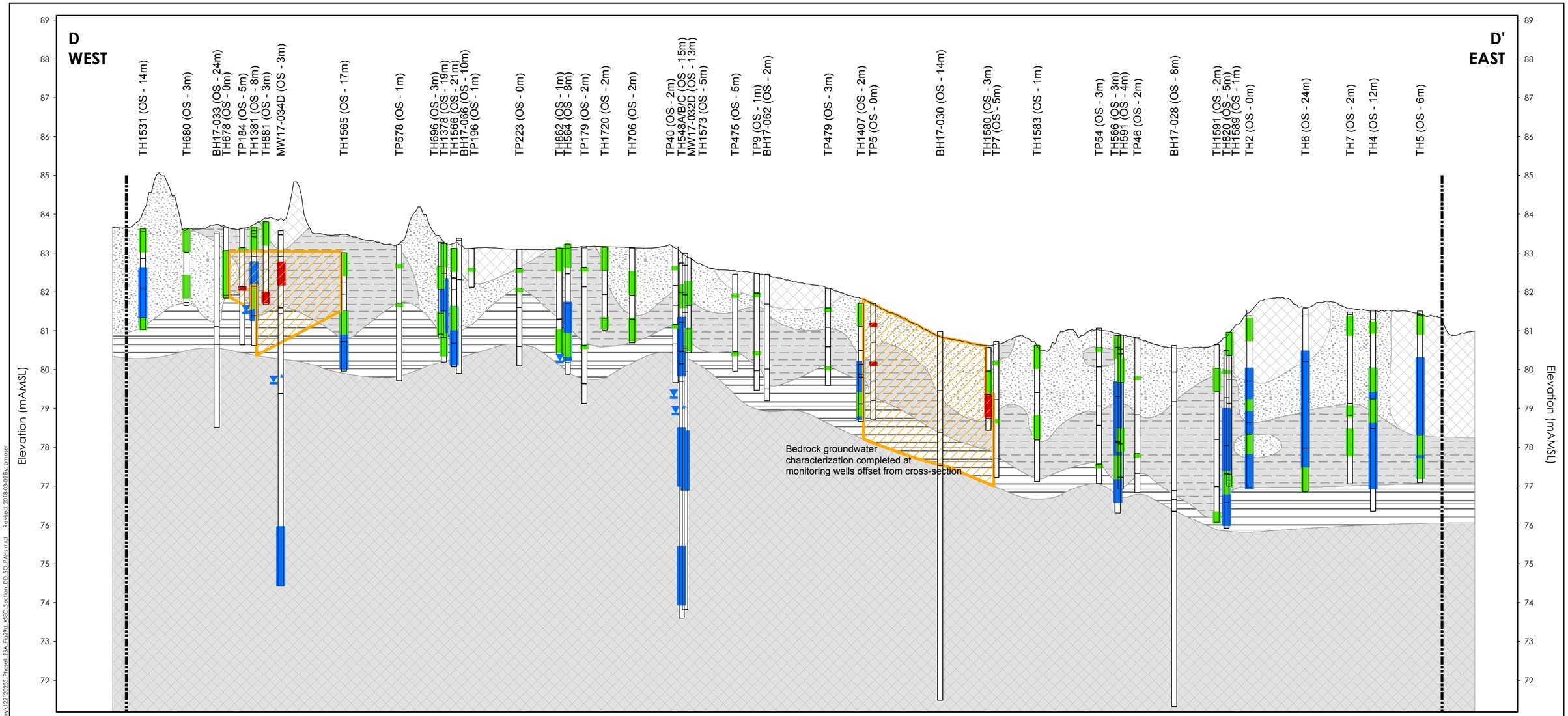
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Prussell 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

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

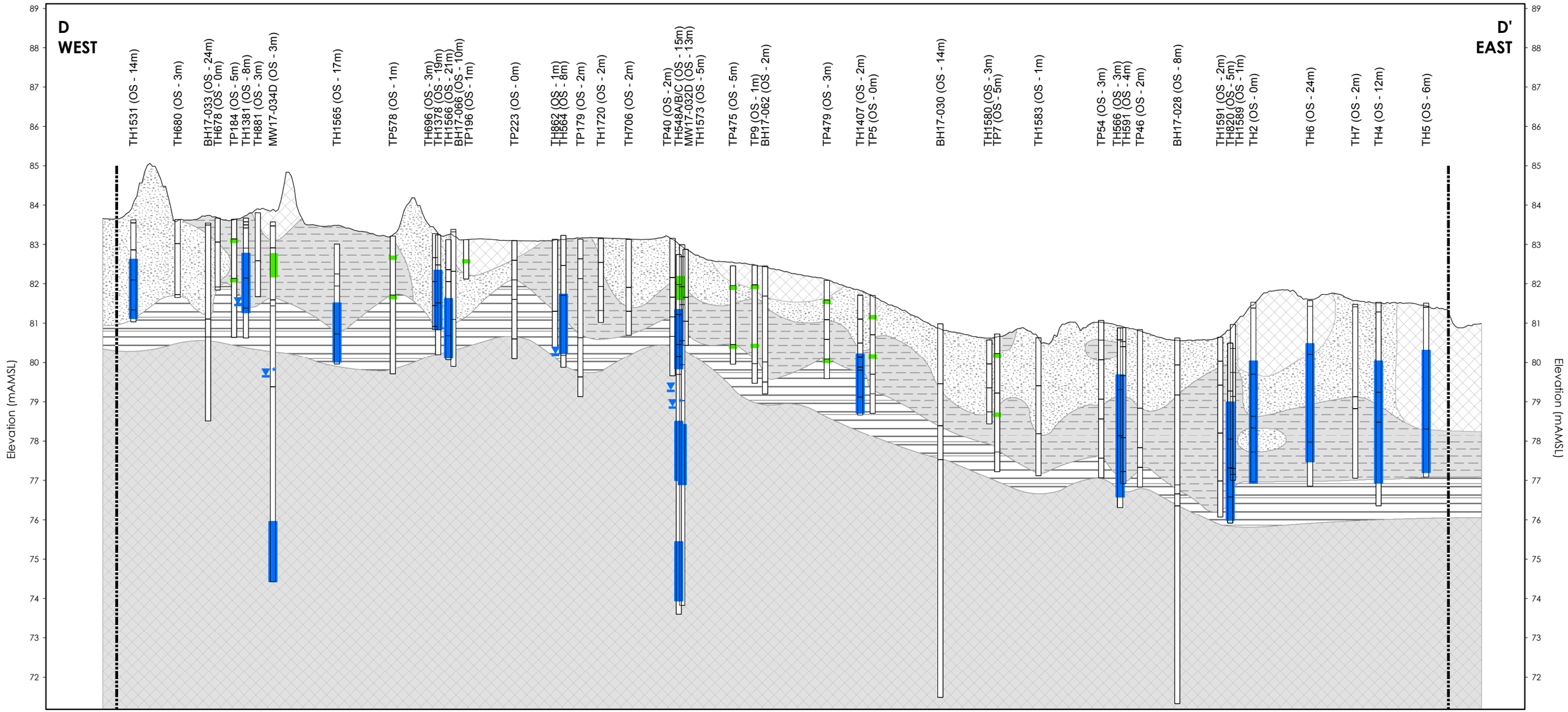
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\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



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

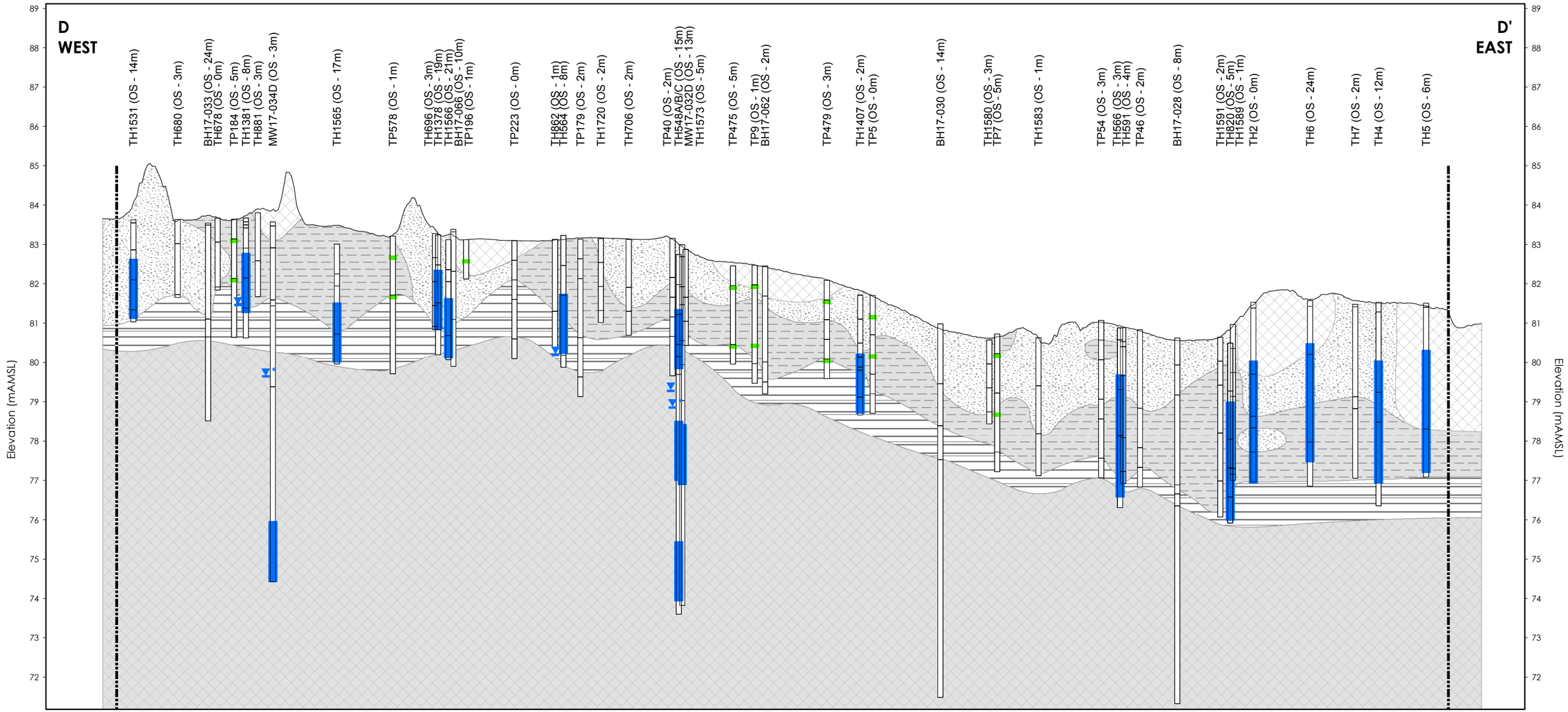
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224ff02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II ESA_Fig29e_XSEC_Section DD SO ABNs.mxd Revised: 2018-03-02 By: pmoser



Well ID (Offset)

MW1-15 (OS m)

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

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

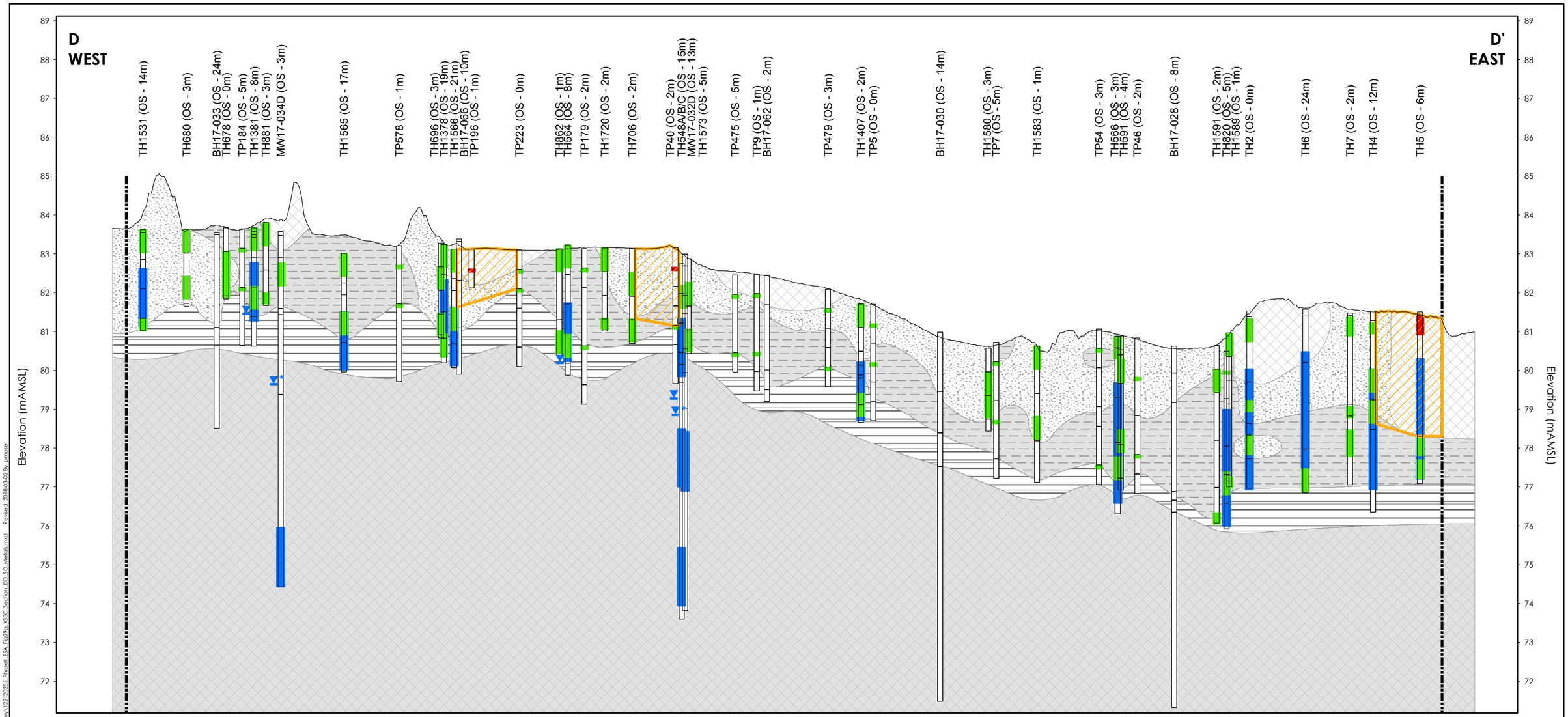
Figure No.

29f

Title

Cross-Section D-D' - Summary of Soil Analytical Results - Chlorophenols

\\Cd1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phaseii_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

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

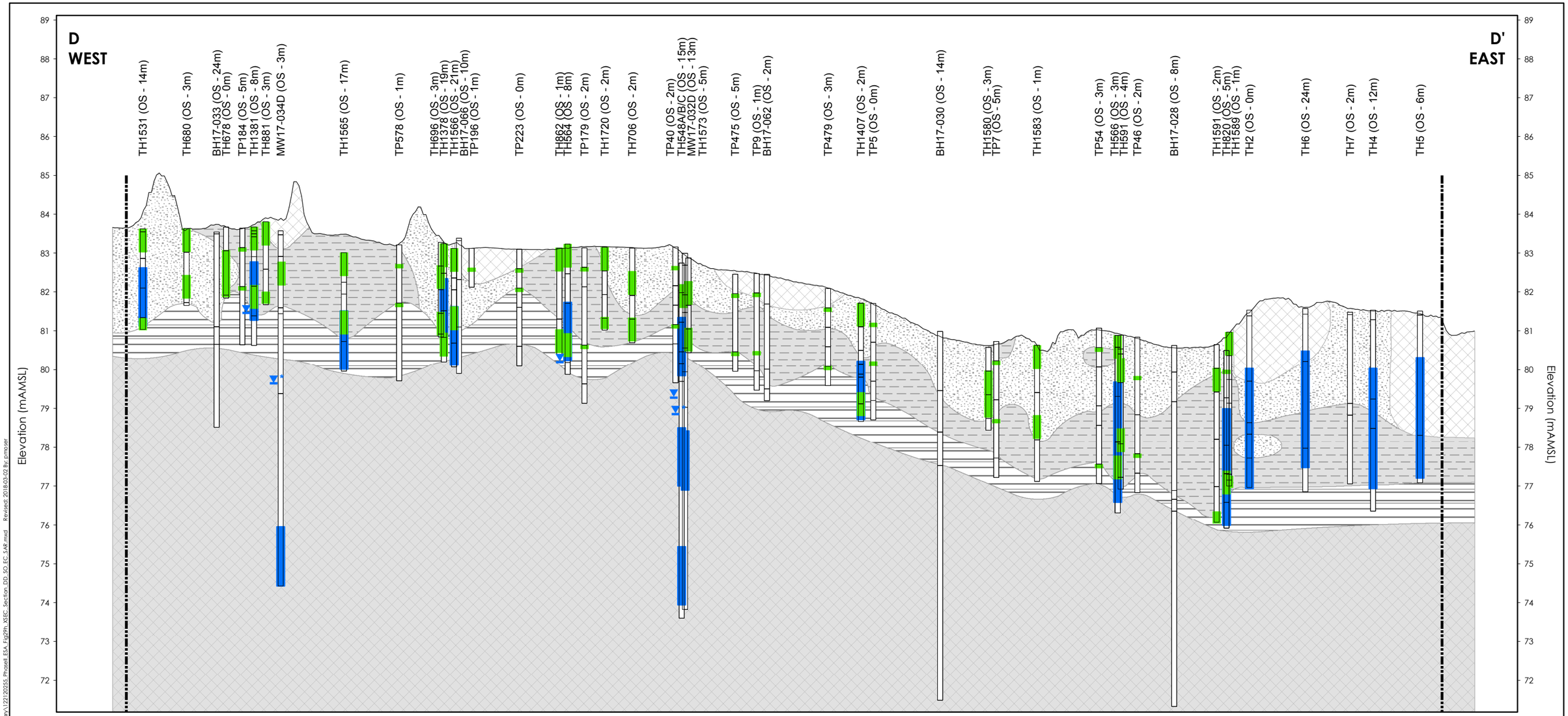
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\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



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

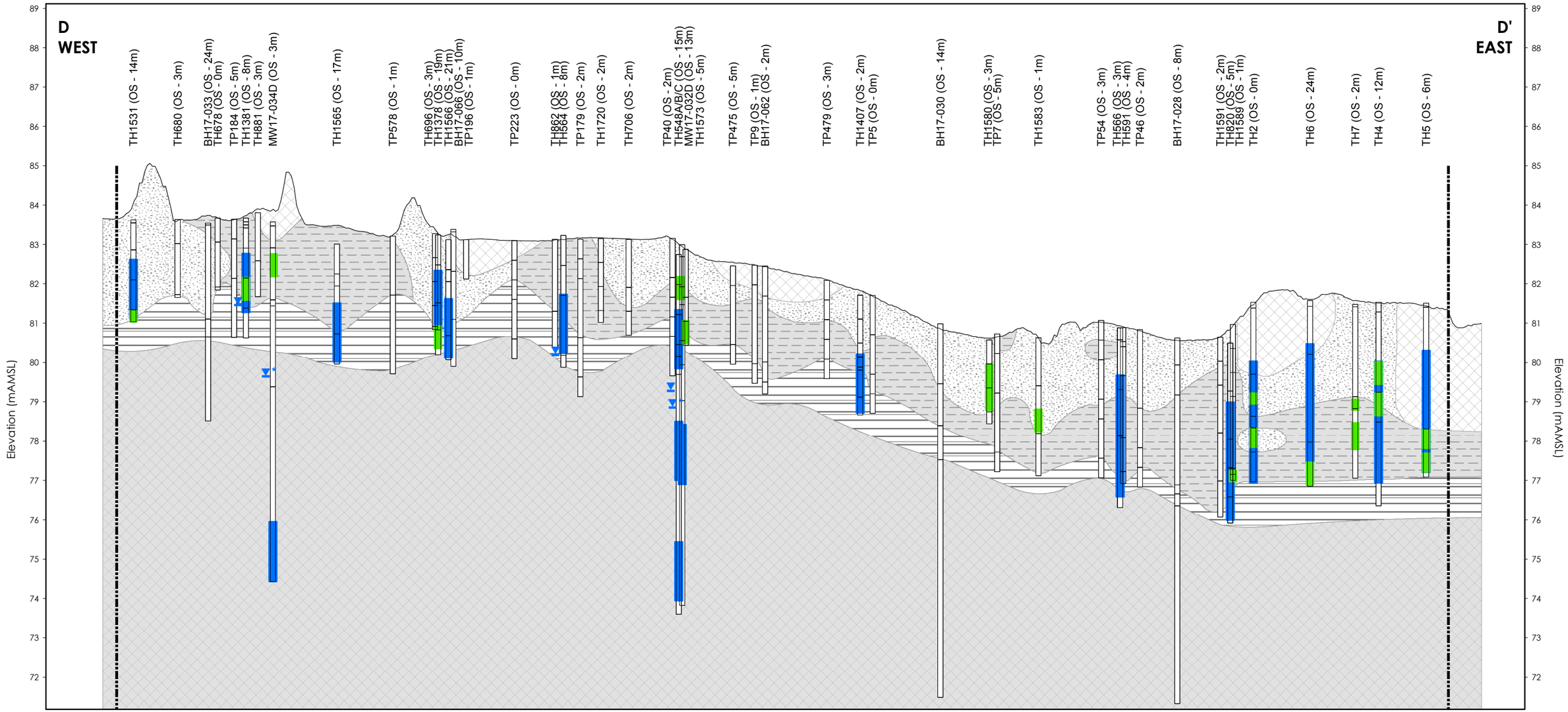
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig29h_XSEC_Section_DD_SO_EC_SAR.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. 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

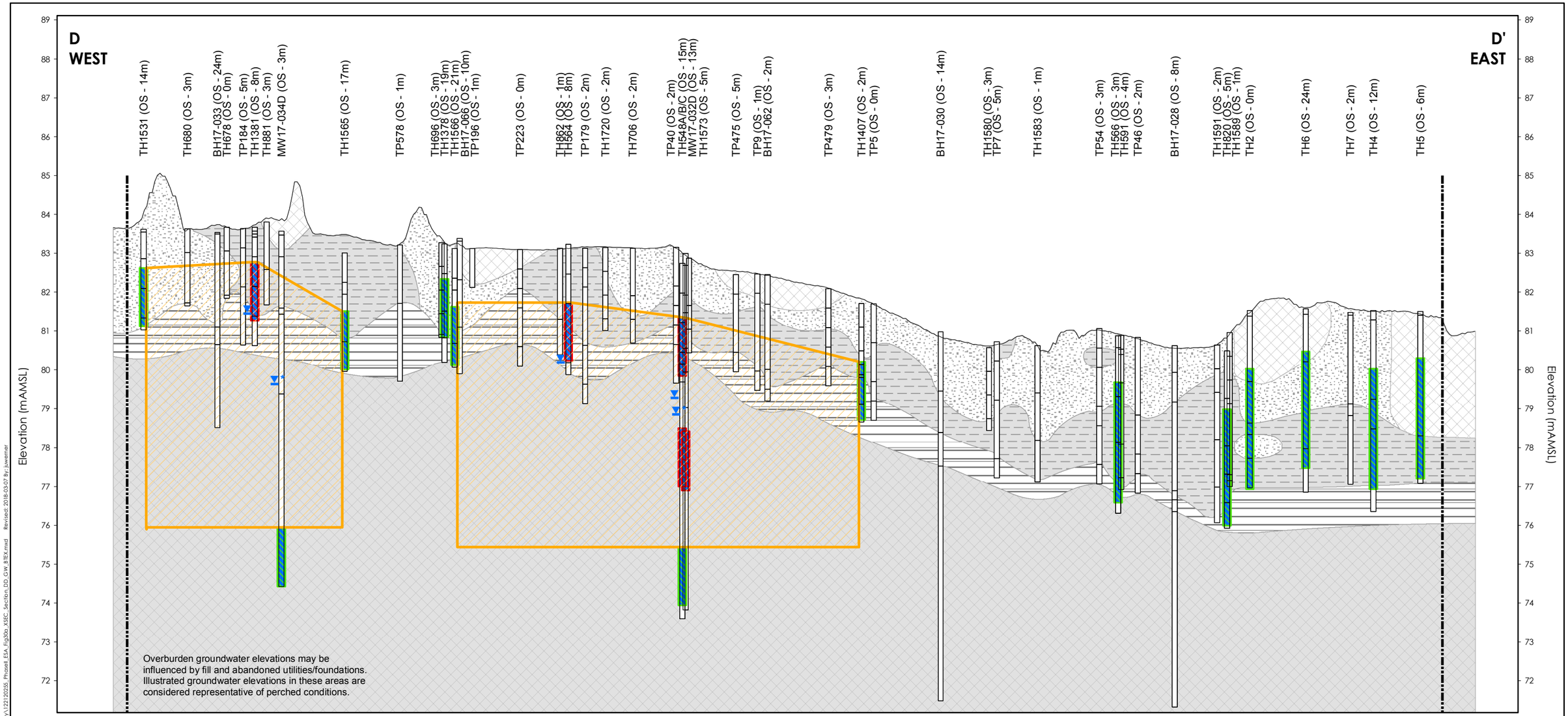
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig29i_XSEC_Section_DD_SO_PCBs.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. 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

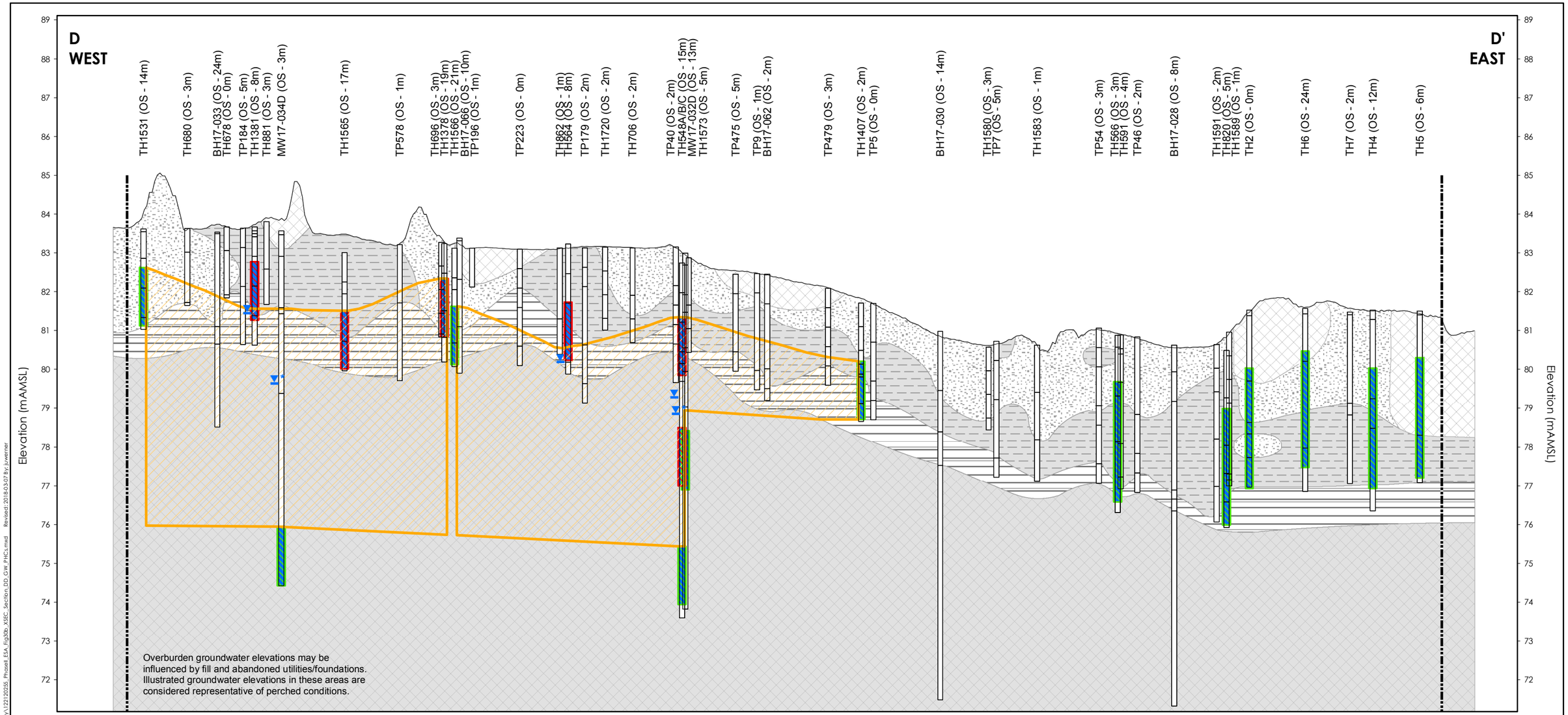
1221202 55 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

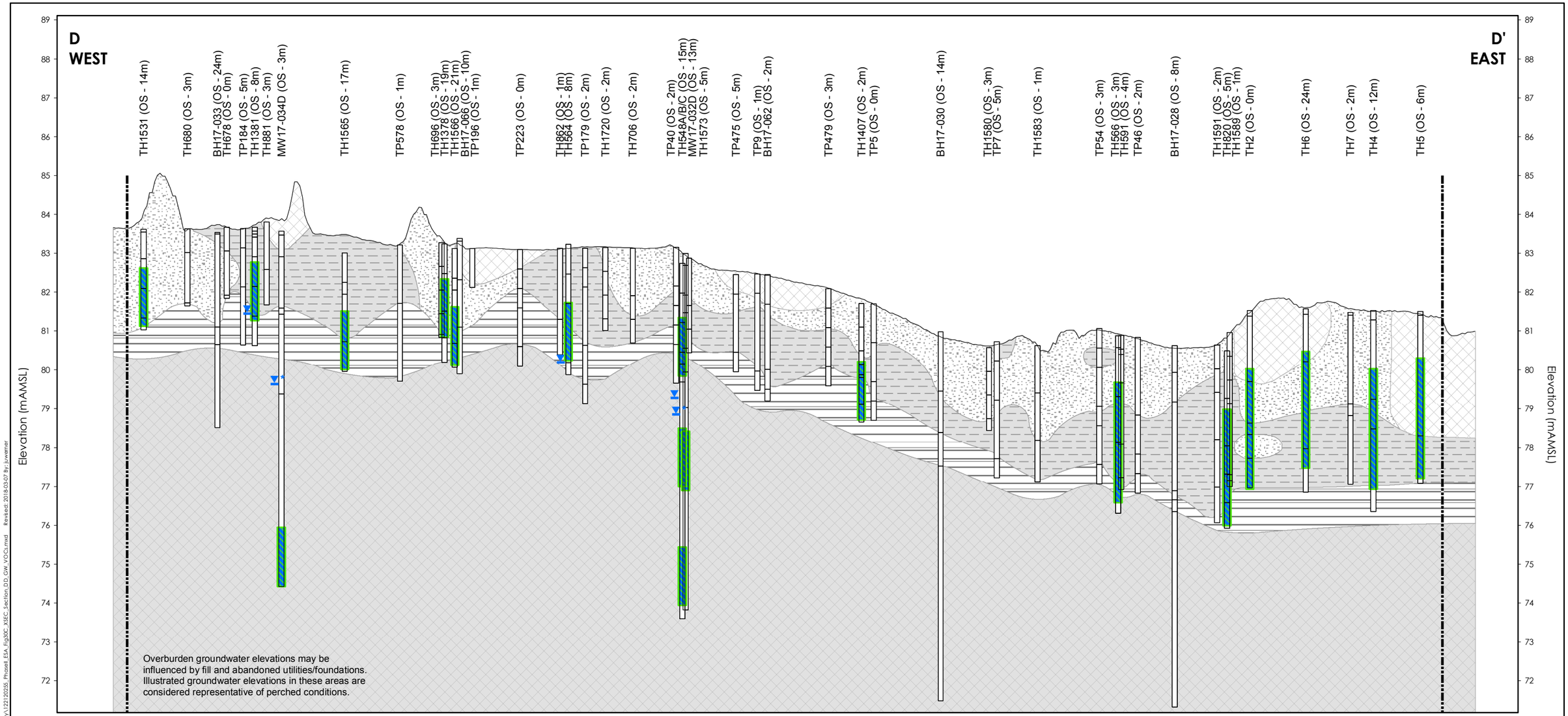
122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig30b_XSEC_Section_DD_GW_PHCs.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. 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

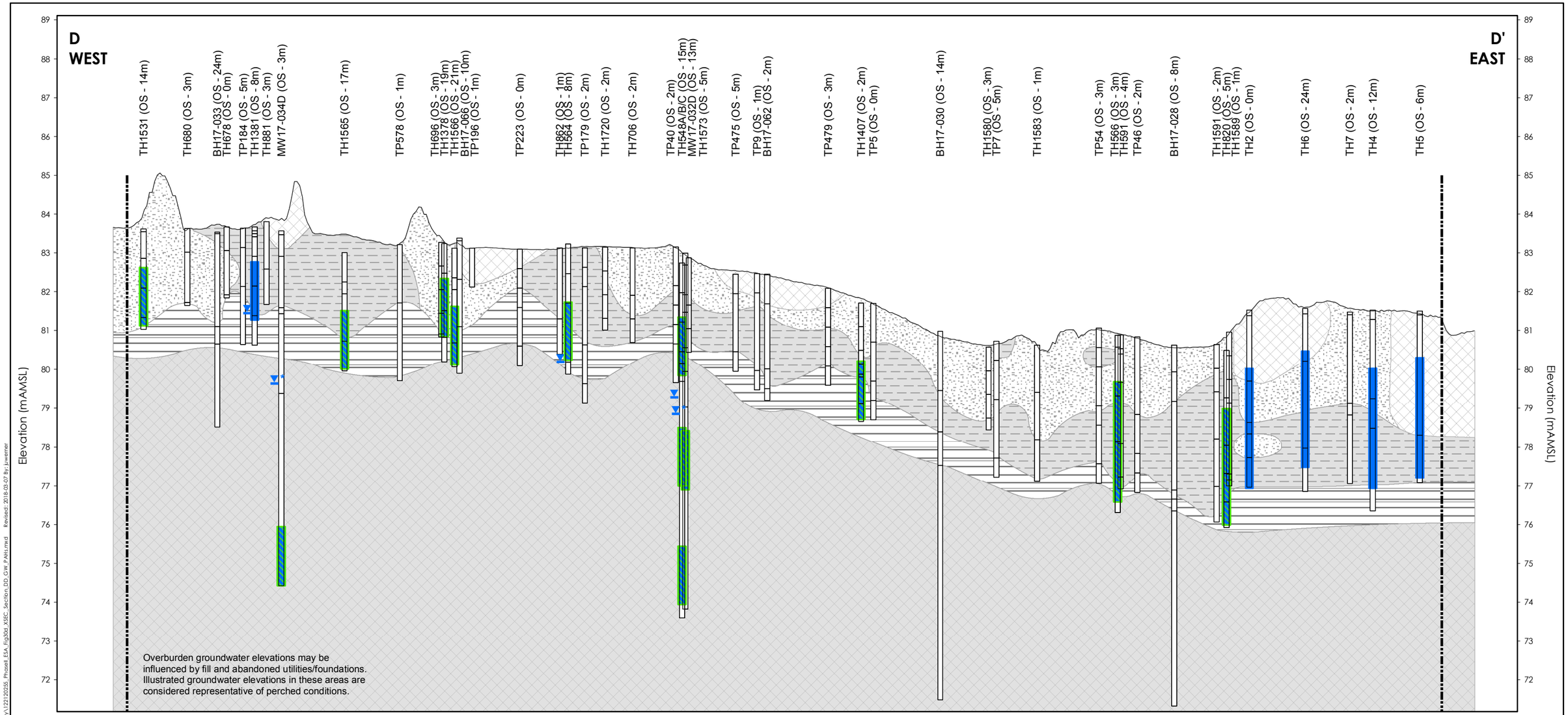
1221202255 REV A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

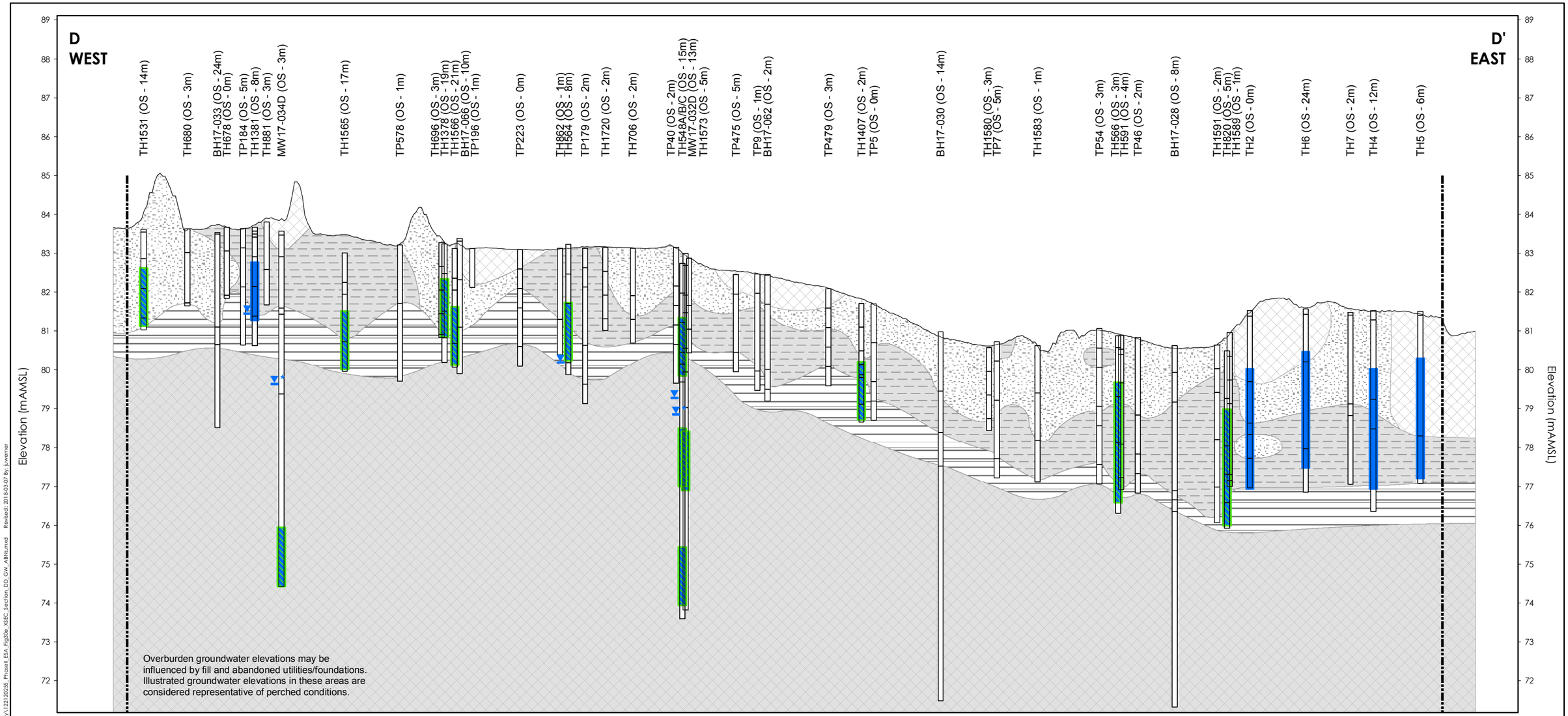
122120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



Notes

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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

1221202 55 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

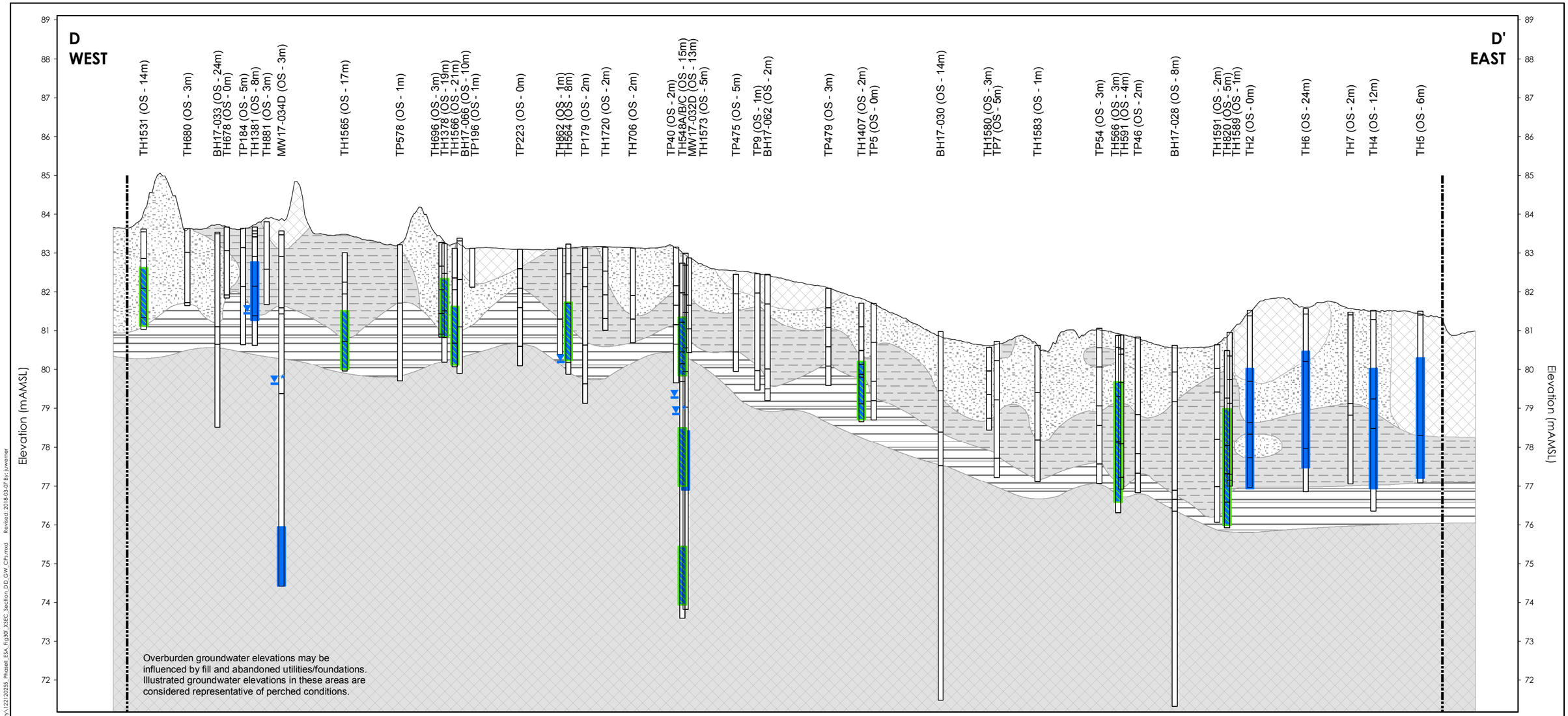
Figure No.

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



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

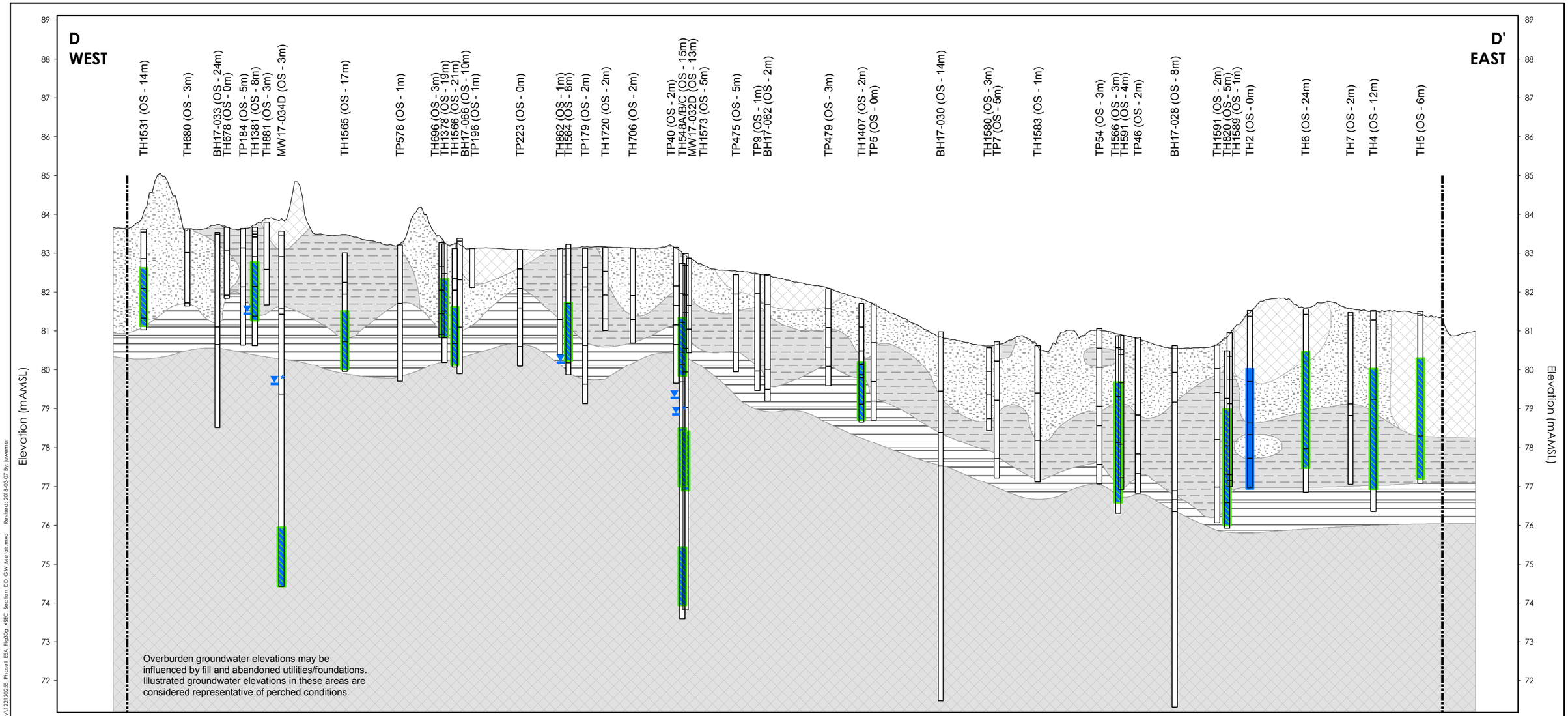
1221202555 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
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



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

1221202255 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

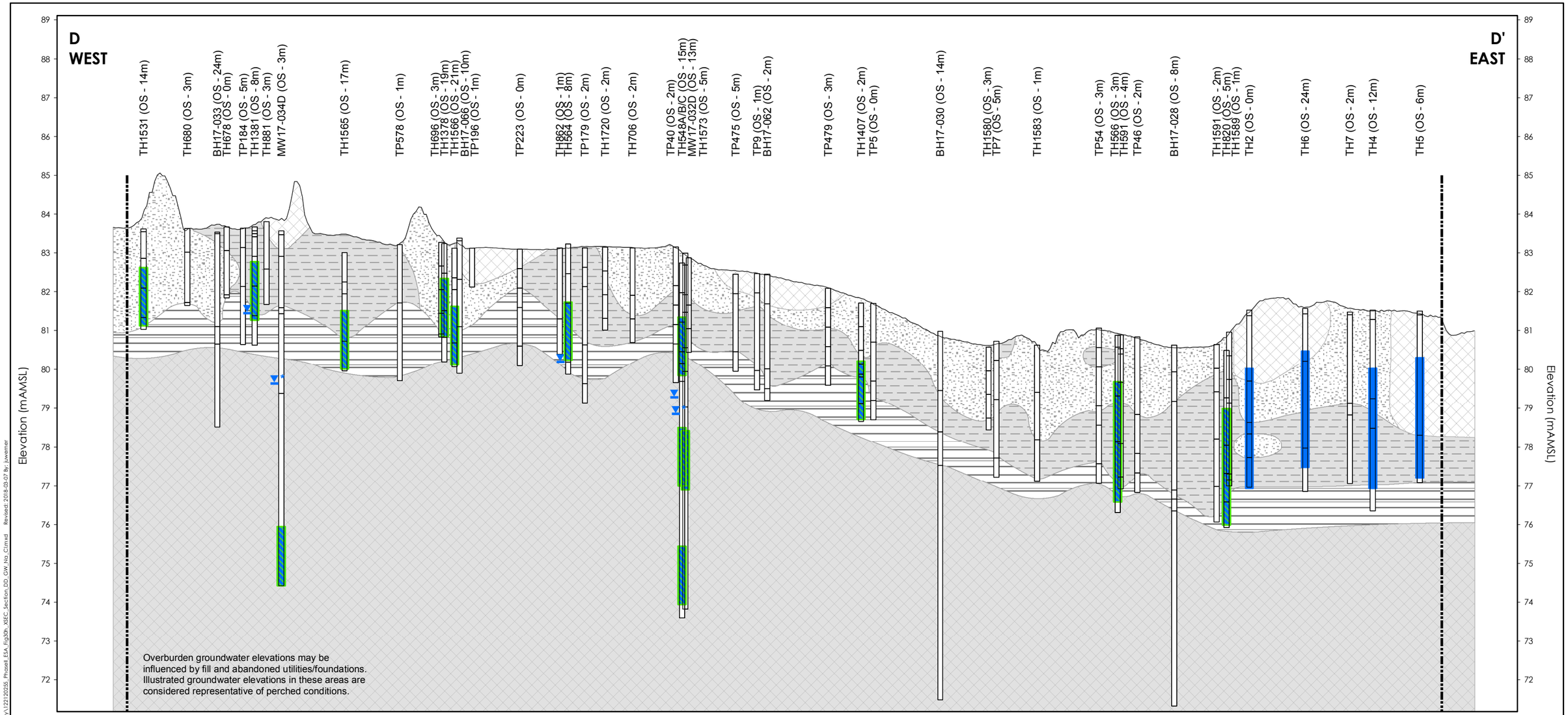
Figure No.

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

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
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

1221202255 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

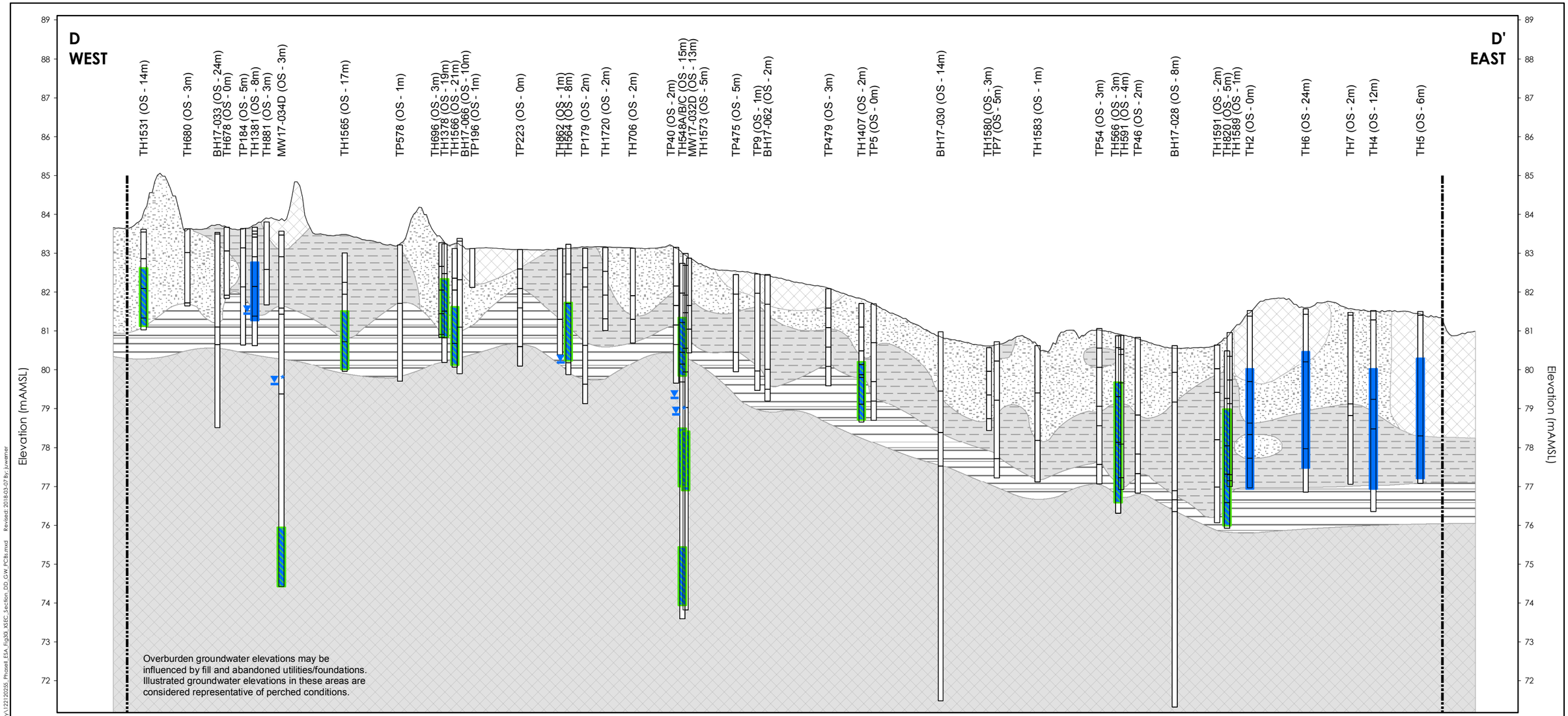
Figure No.

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_Phase_II_ESA_Fig30h_XSEC_Section_DD_GW_No_Clim.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. 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

1221202555 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

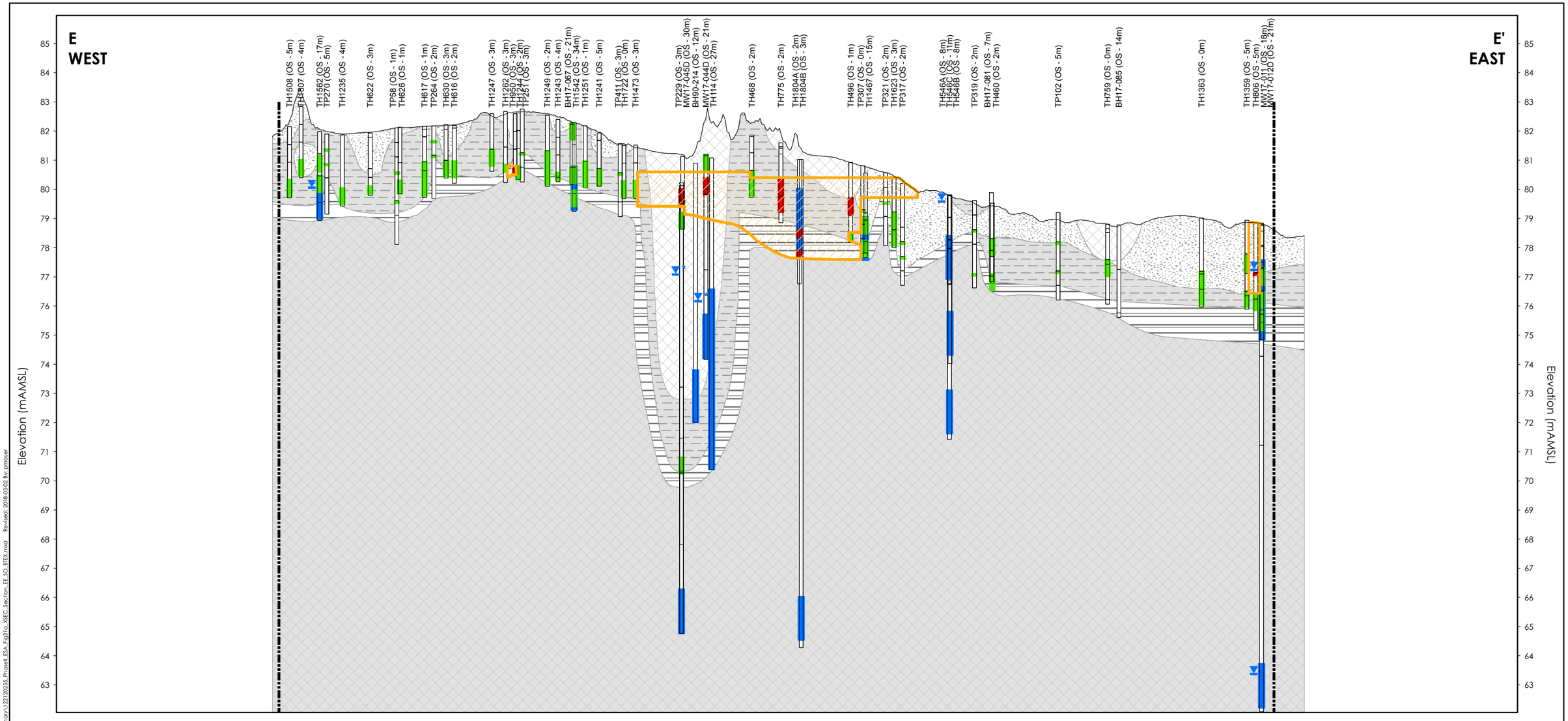
Figure No.

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_Phase_II_ESA_Fig30_XSEC_Section_DD_GW_PCBs.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. 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

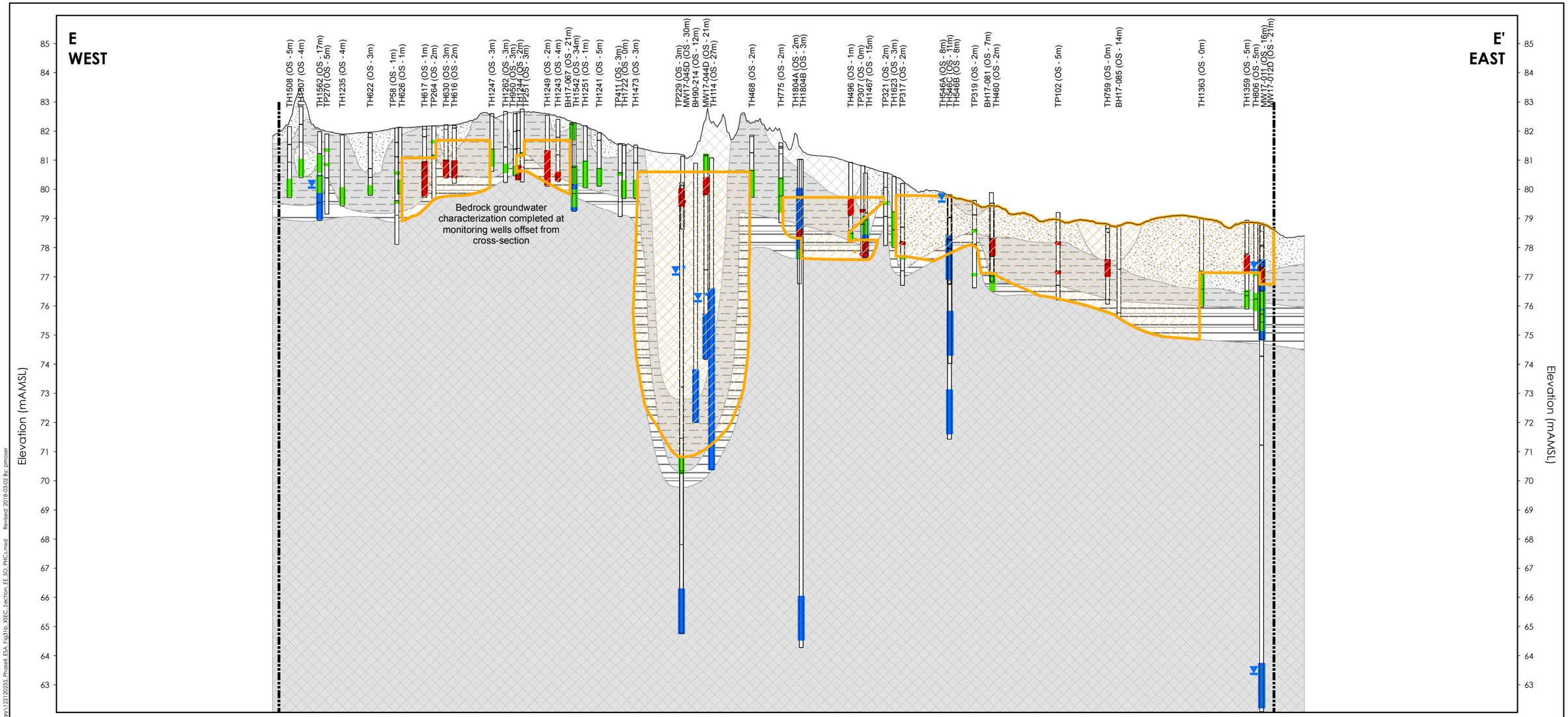
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

Figure No.
31a

Title
Cross-Section E-E' - Summary of Soil Analytical Results - BTEX

\\Ca1224ff02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA_Summary\122120255 Phase II ESA Fig31a_XSEC Section_EE'-SO_BTEX.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. 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

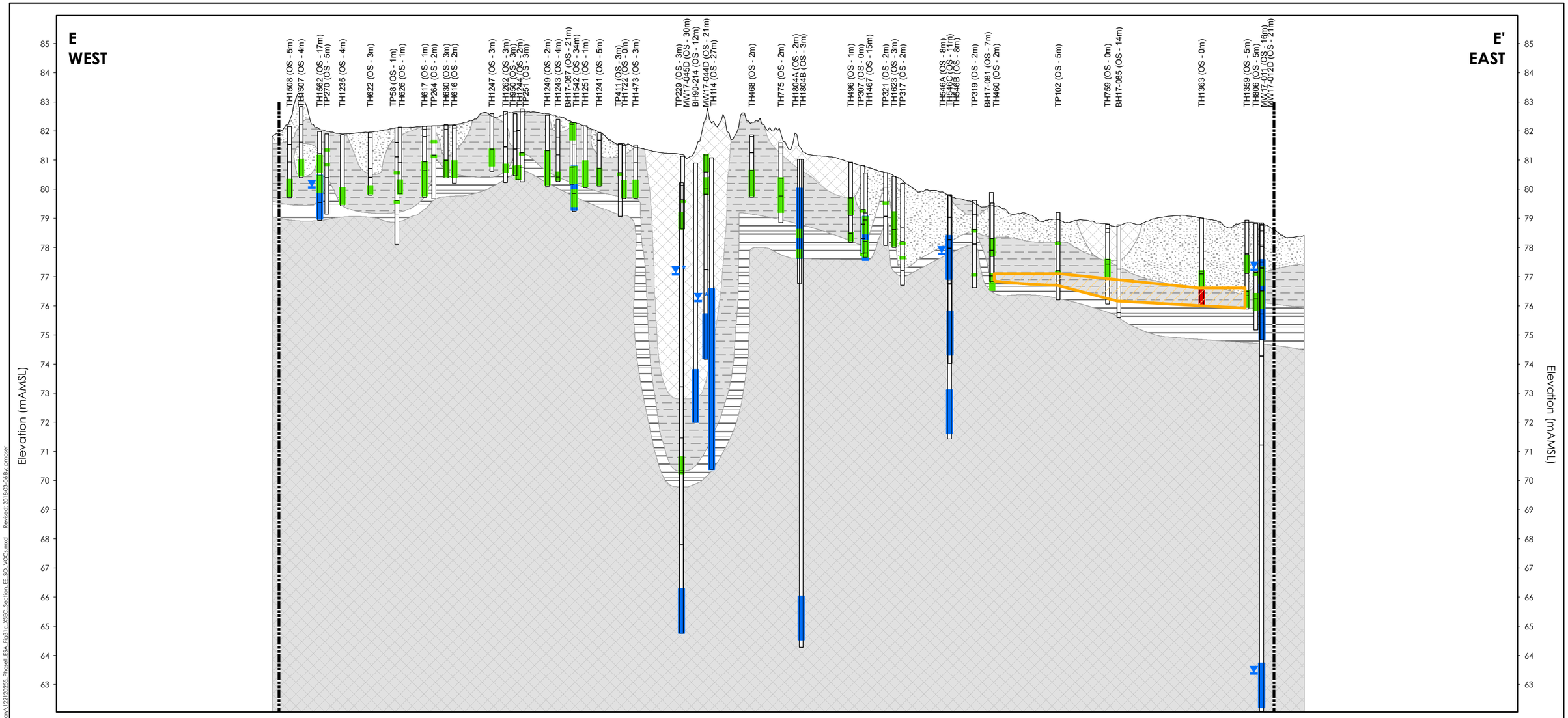
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig31b_XSEC Section_EE'-SO_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

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

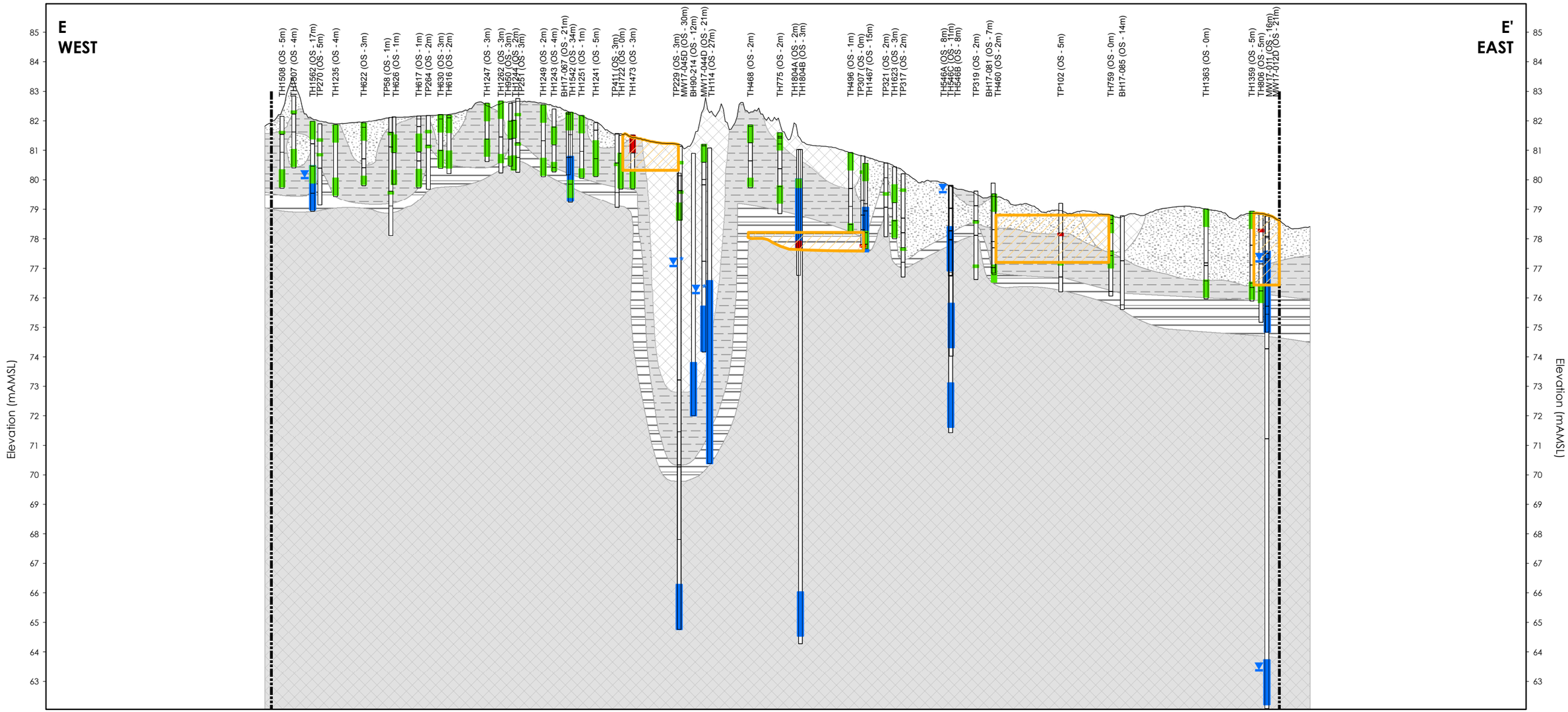
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

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

Figure No.
31c

Title
Cross-Section E-E' - Summary of Soil Analytical Results - VOCs

\\Ca1124102\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

MW11-15 (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

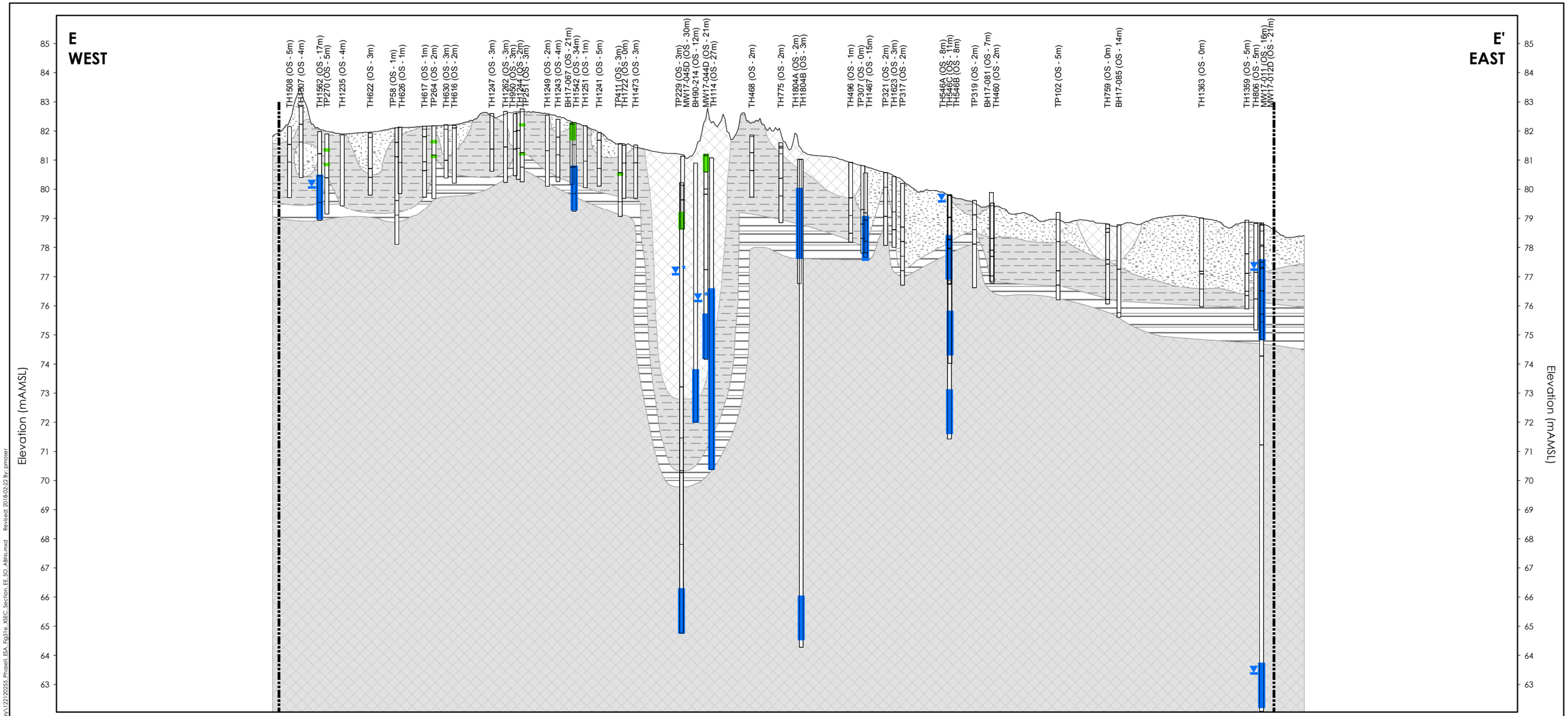
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig31d_XSEC_Section_EE'_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

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

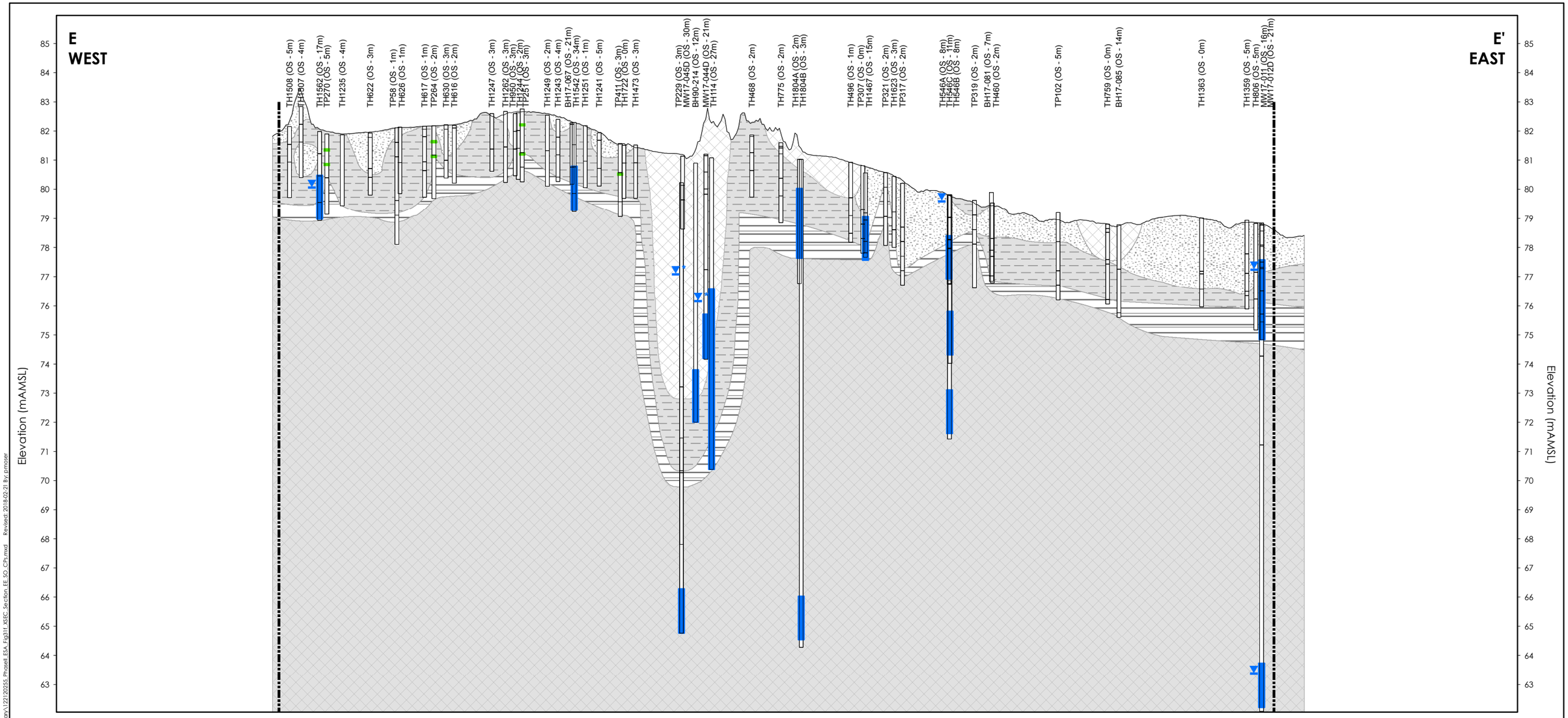
122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

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\01211\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig31e_XSEC_Section_EE_SO_ABN.mxd Revised: 2018-02-22 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

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

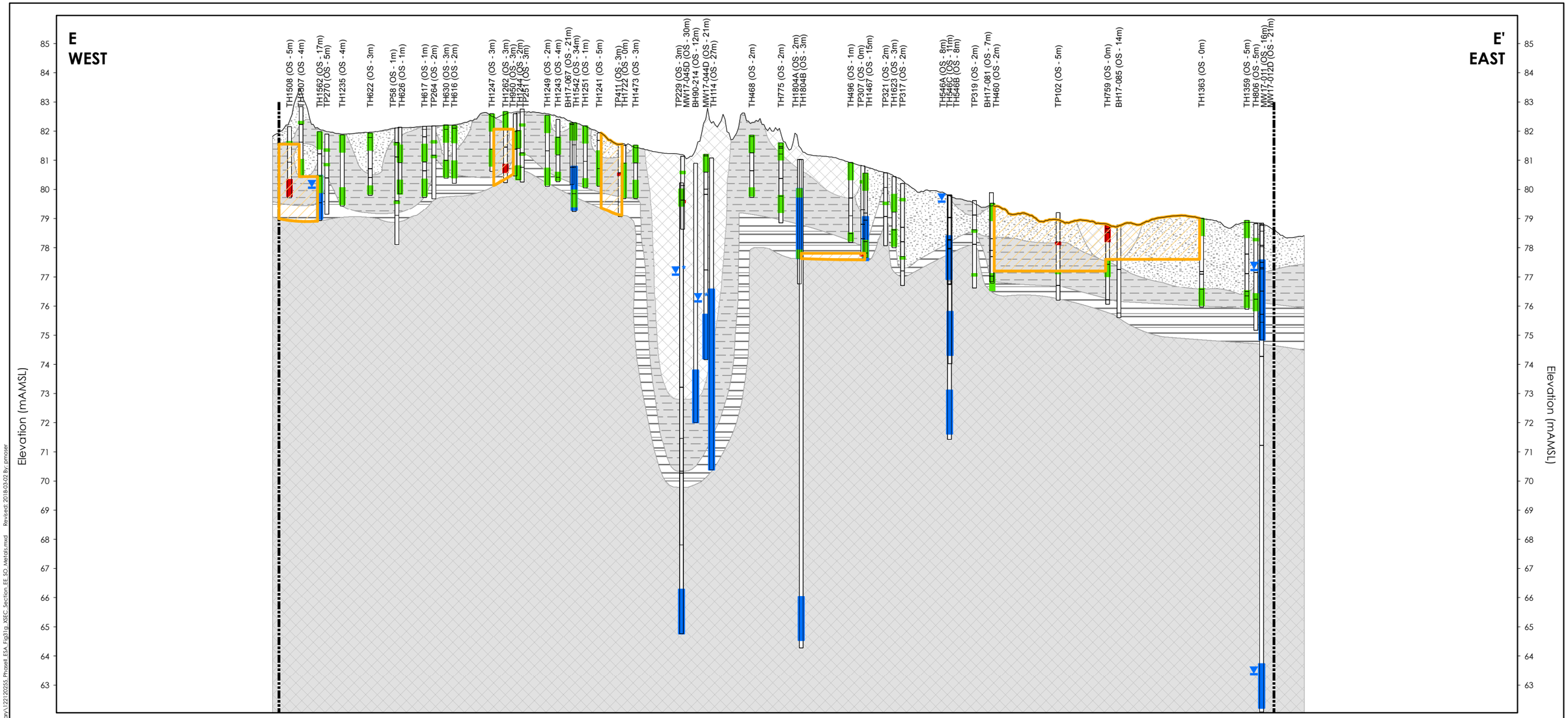
122120255 REVA
Prepared by pmoser on 2018-02-21
Technical Review by NM on 2018-02-21

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255_Phase II_ESA_Fig31_XSEC_Section_EE_SO_CPs.mxd Revised: 2018-02-21 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

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

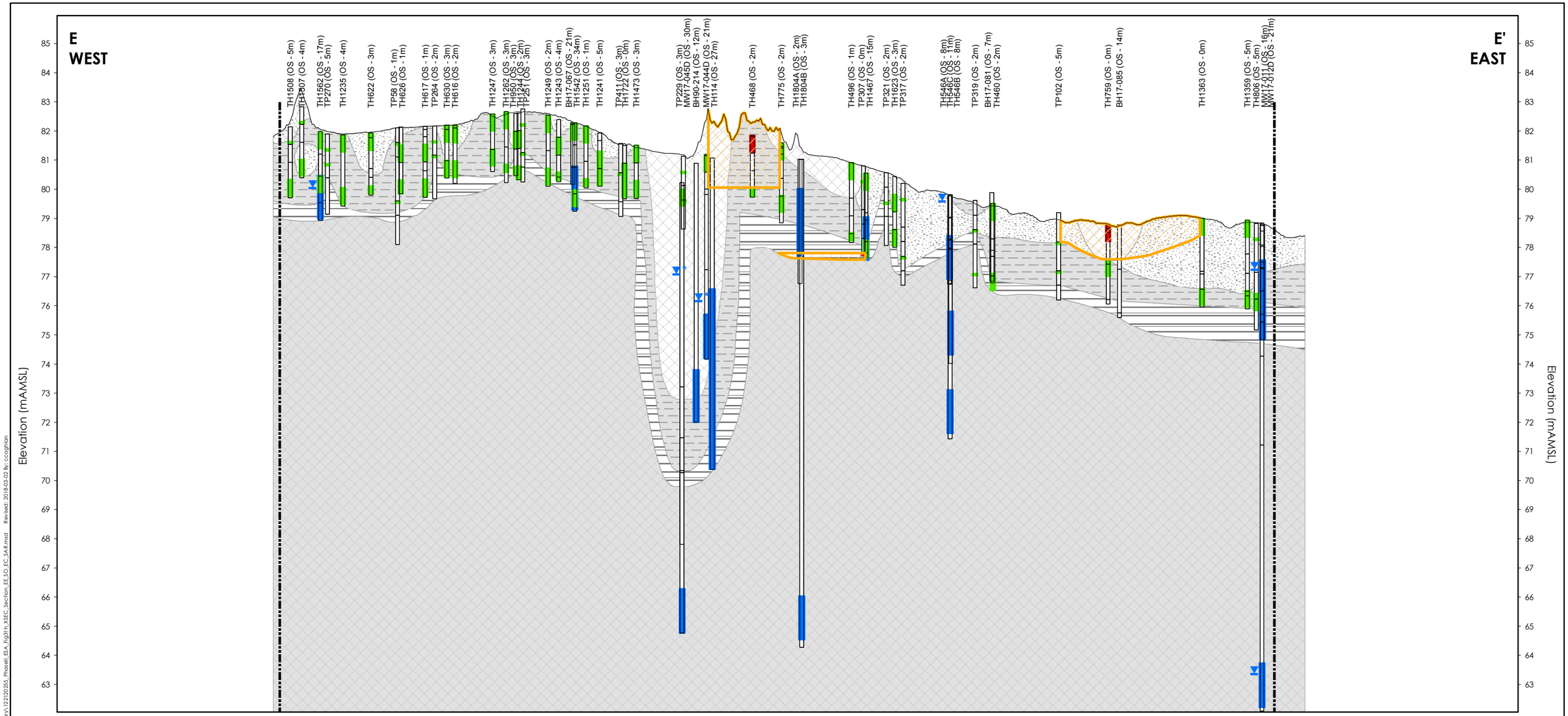
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase II ESA Summary\122120255 Phase II ESA Fig31g_XSEC_Section_EE'_SO_Metals.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. EC and SAR - Electrical Conductivity, Lab and Sodium Adsorption Ratio

MW11-15 (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

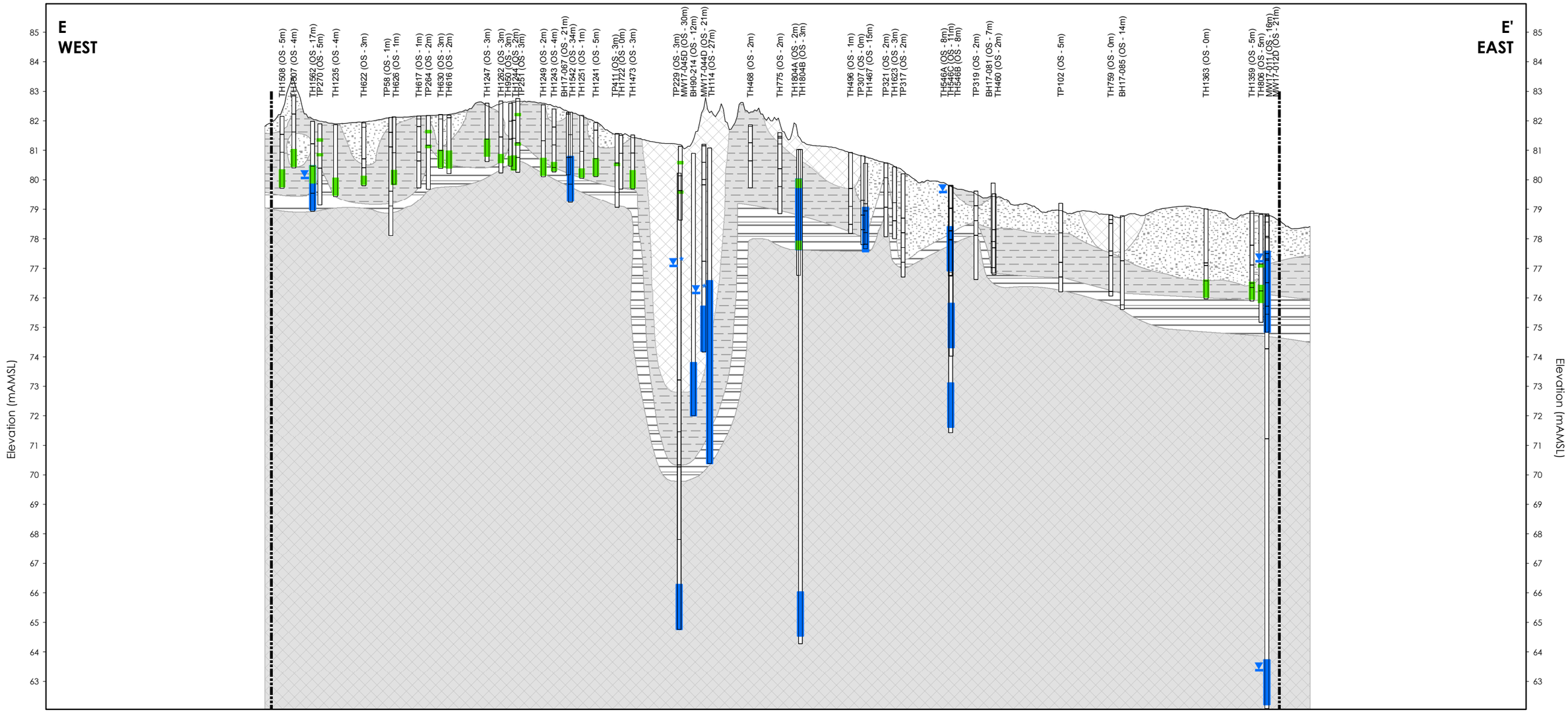
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224ff02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig31h_XSEC_Section_EE'SO_EC_SAR.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
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

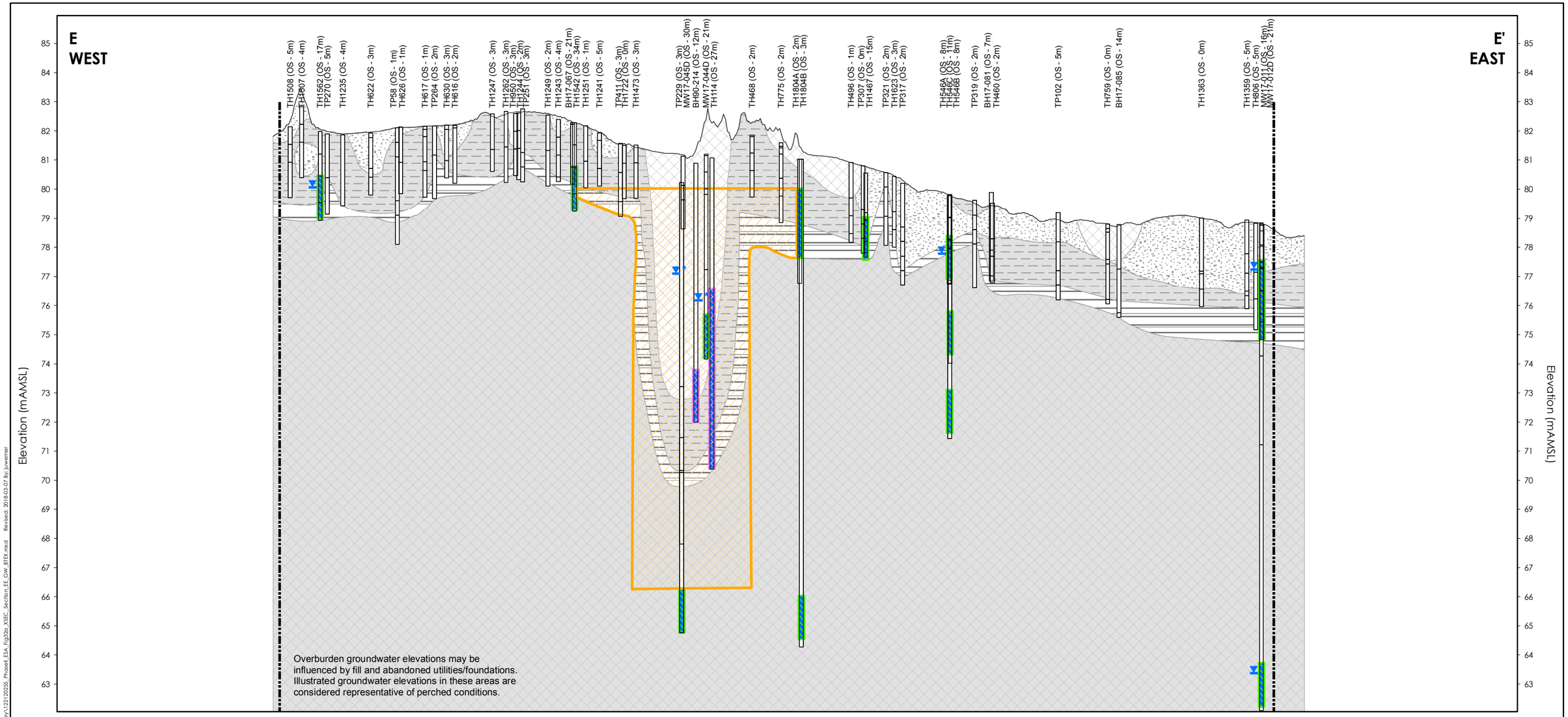
122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

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_SQ_PCBs.mxd Revised: 2018-02-22 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. 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

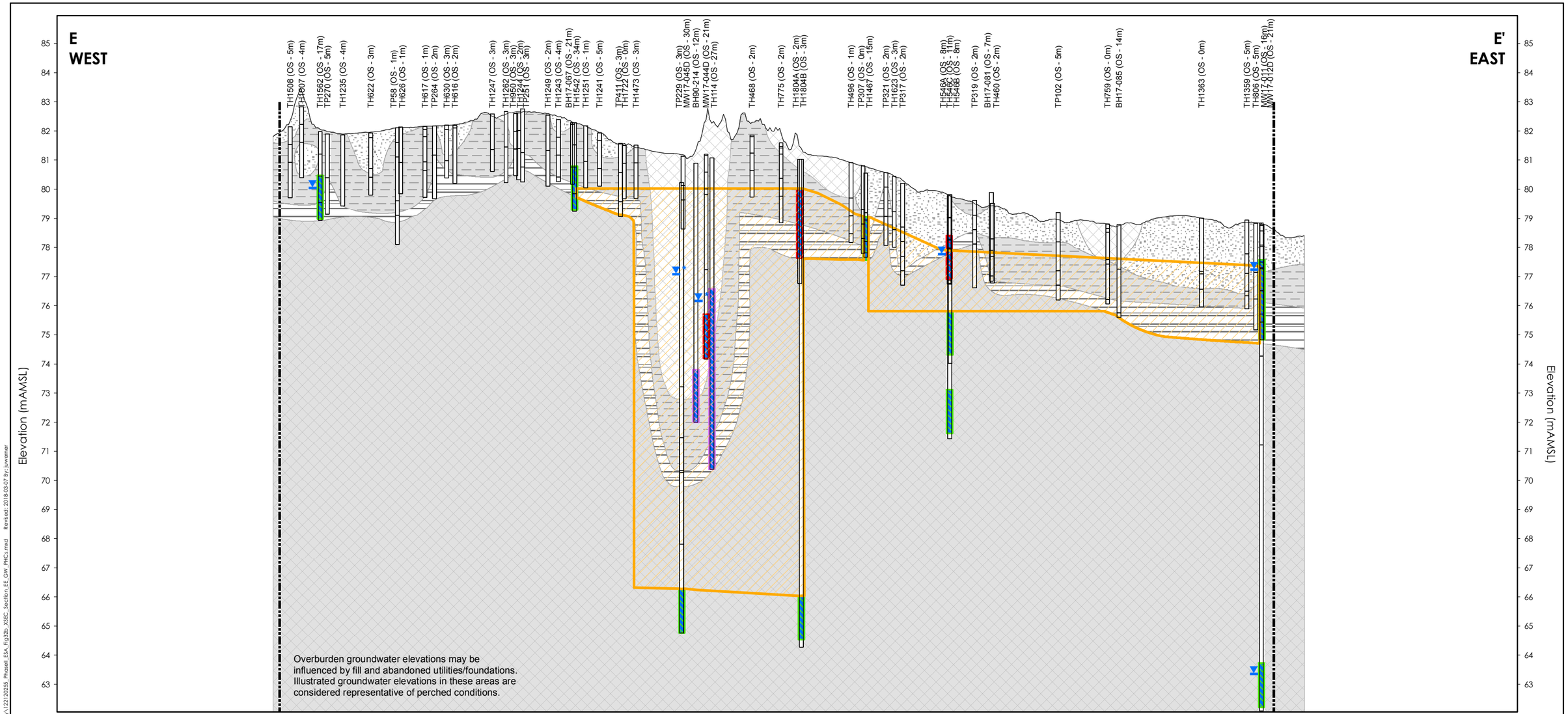
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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_PhaseII_ESA_Fig32a_XSEC_Section_EE_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)

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

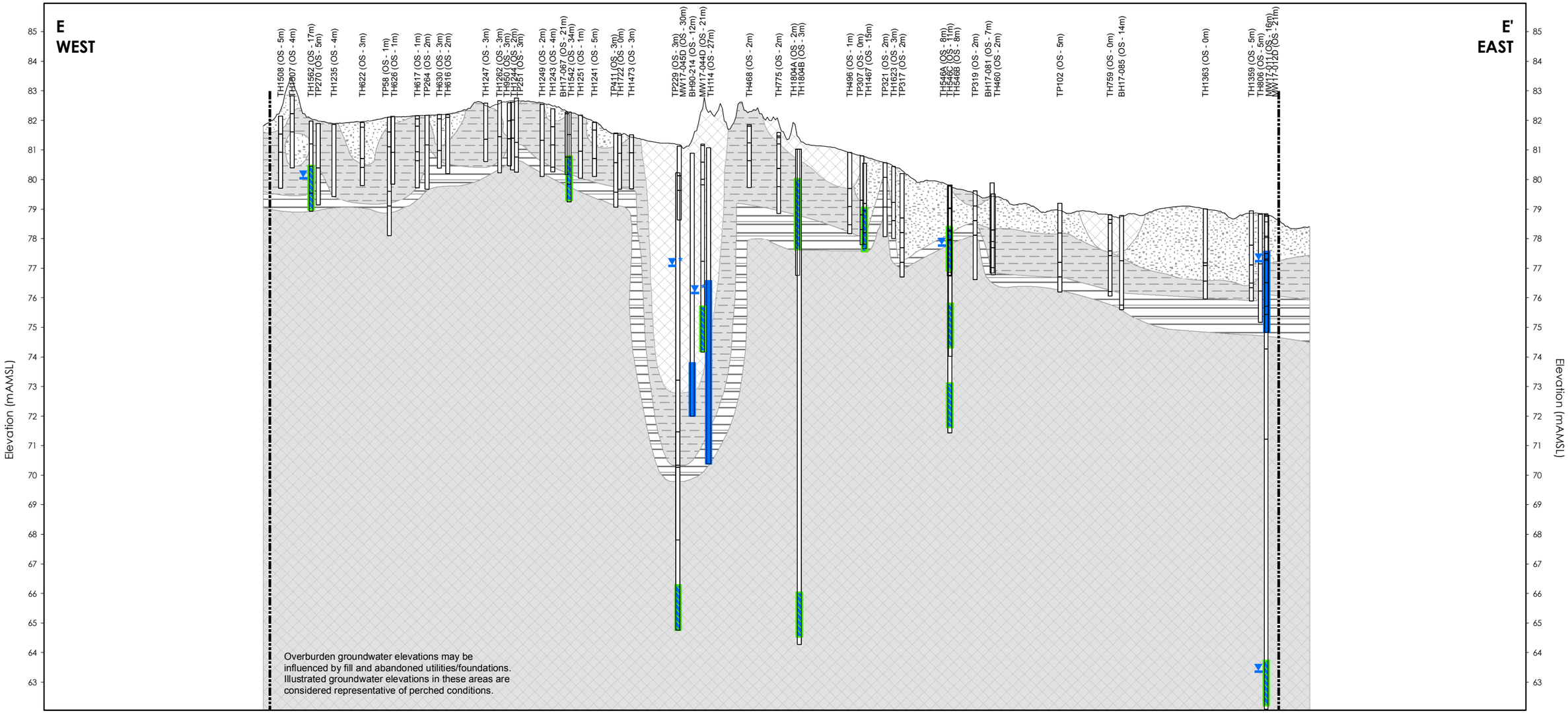
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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\drawing\WOD\Phase II ESA_Summary\122120255_Phase II ESA_Fig32b_X-SEC_Section EE'_GW_PHCs.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. VOCs - Volatile Organic Compounds

MW11-15 (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

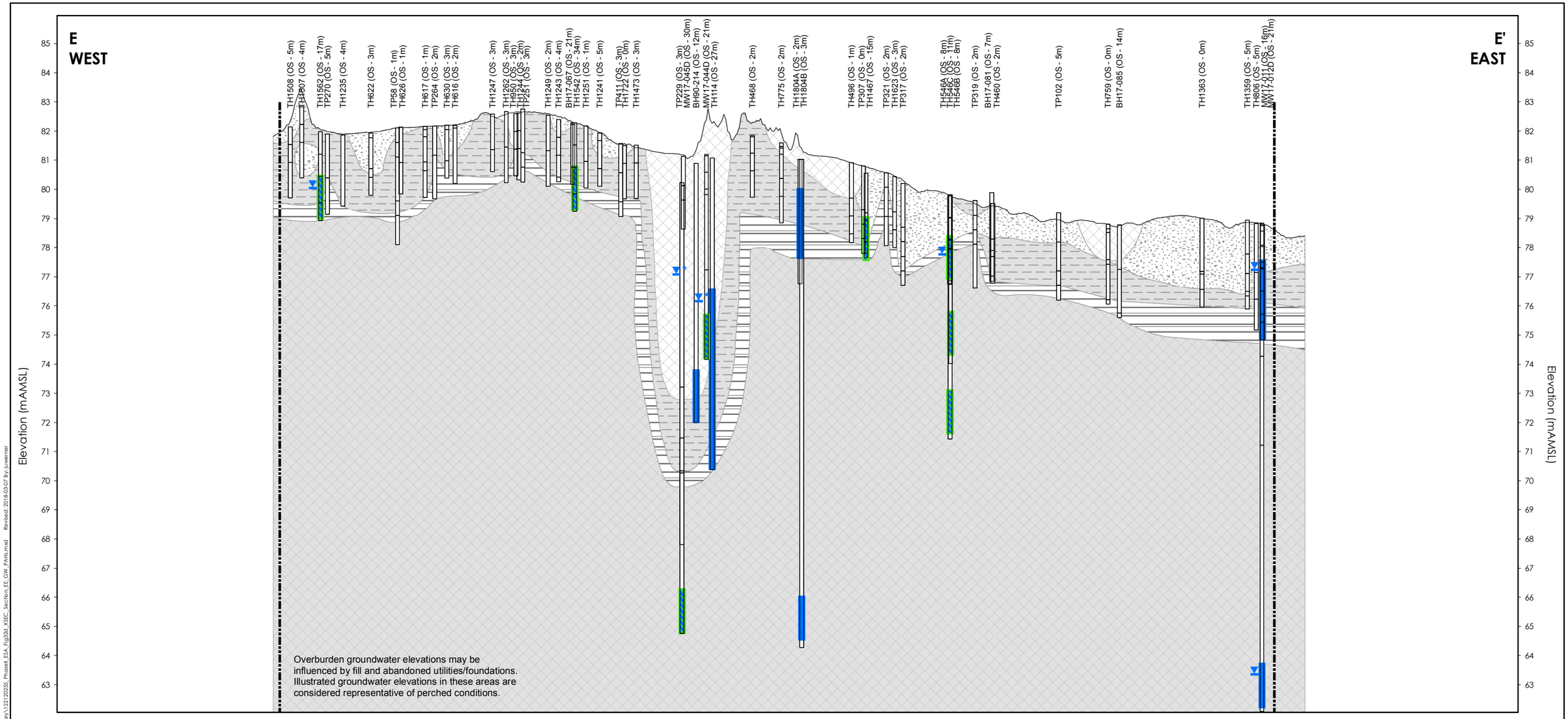
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig32c_XSEC_Section_EE_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

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

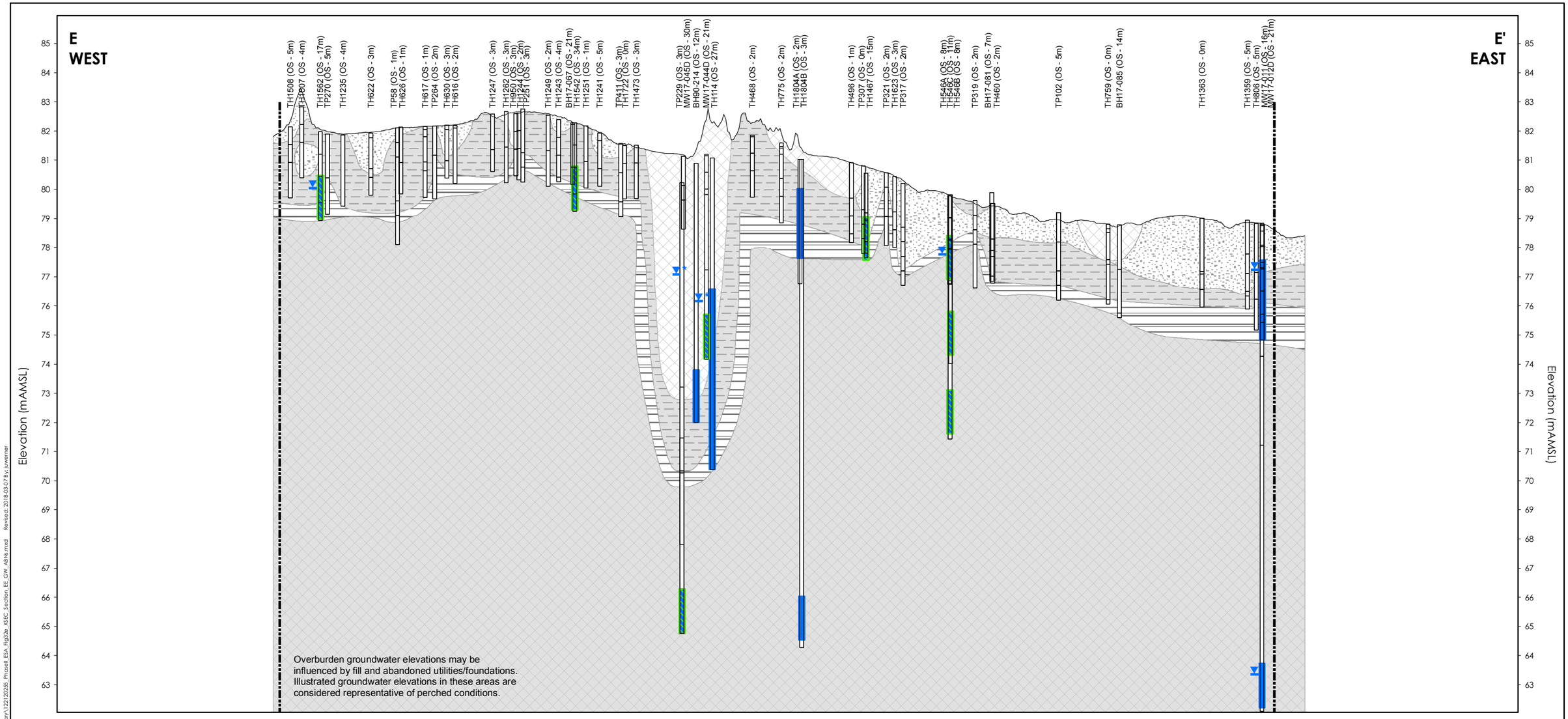
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

MW11-15 (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

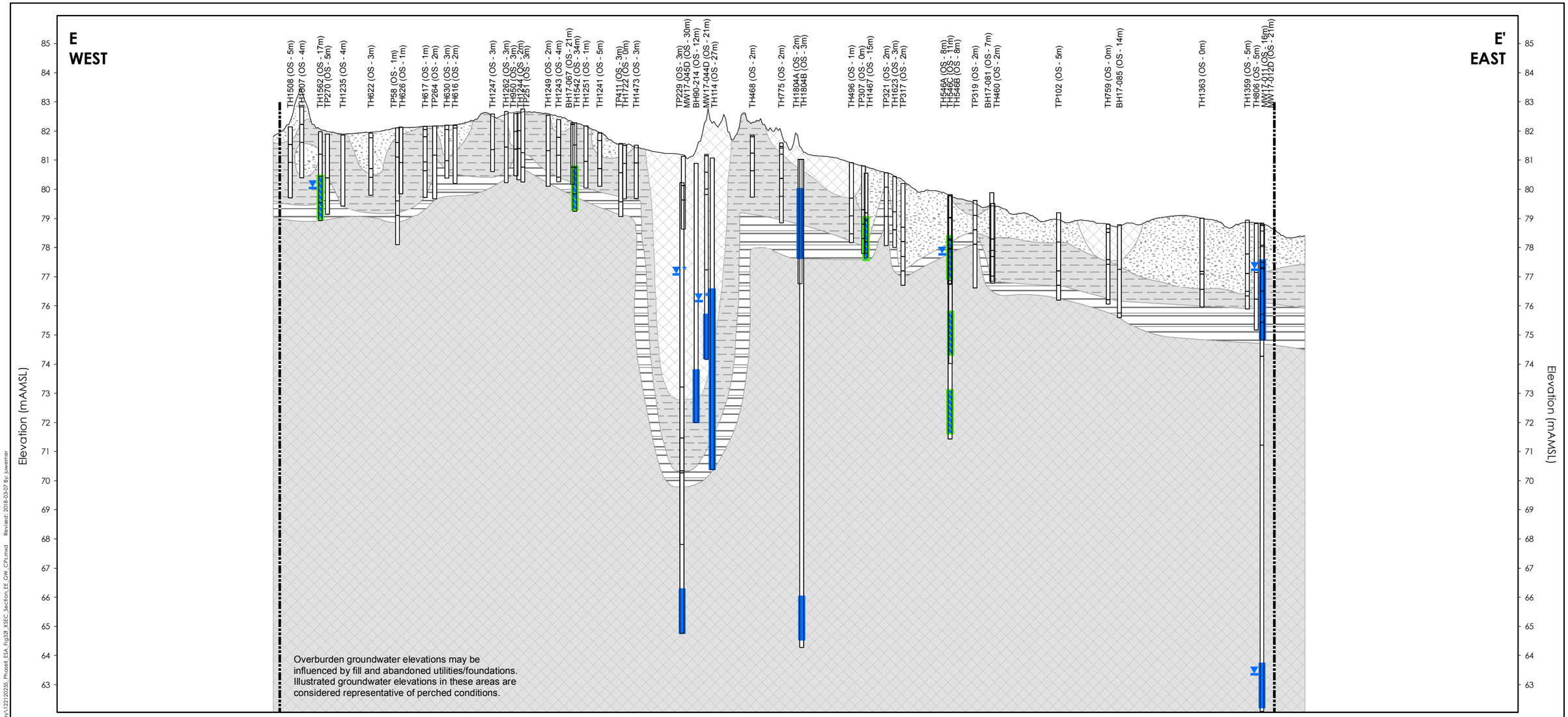
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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_PhaseII_ESA_Fig32e_XSEC_Section_EE_GW_ABNs.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

MW11-15 (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

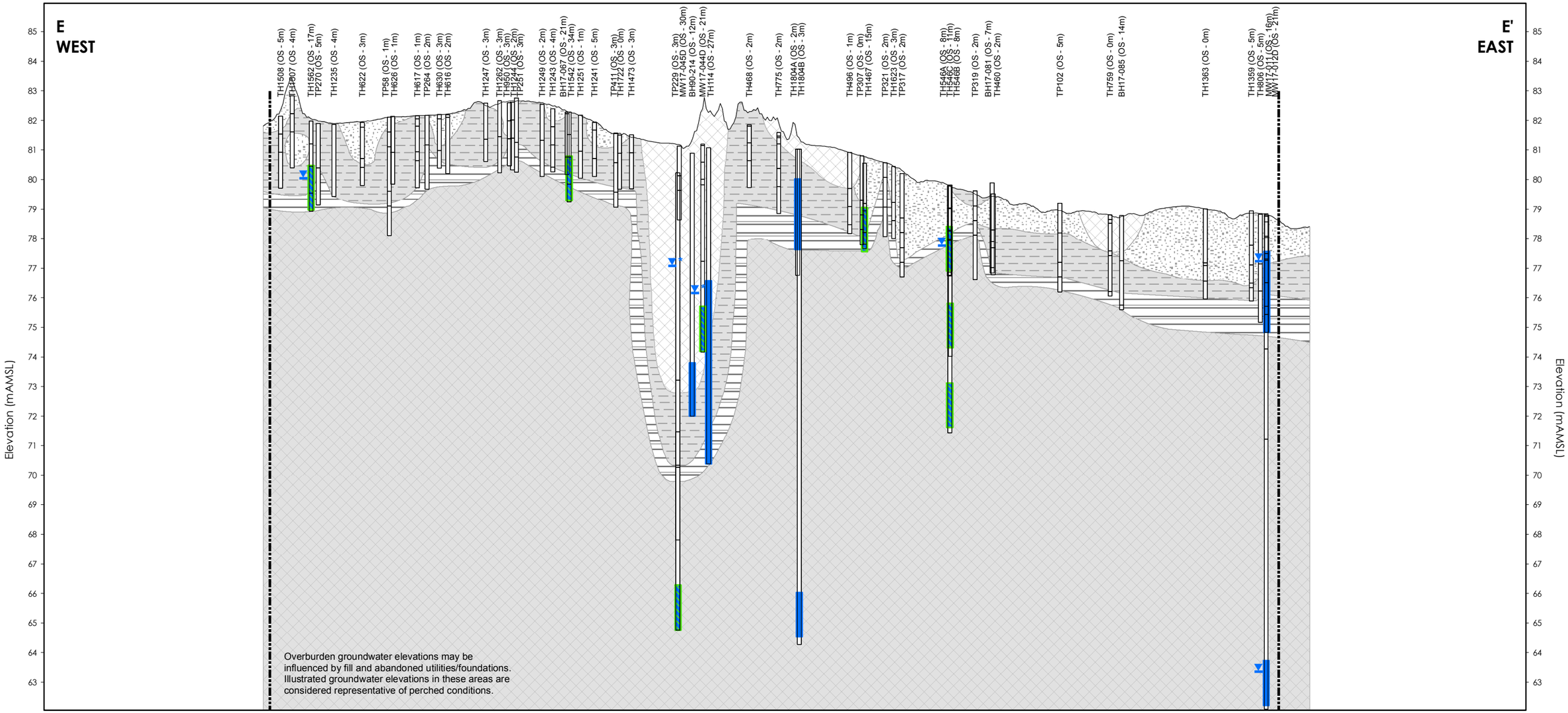
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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_Phase II_ESA_Fig32f_XSEC_Section_EE_GW_CPs.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

MW11-15 (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

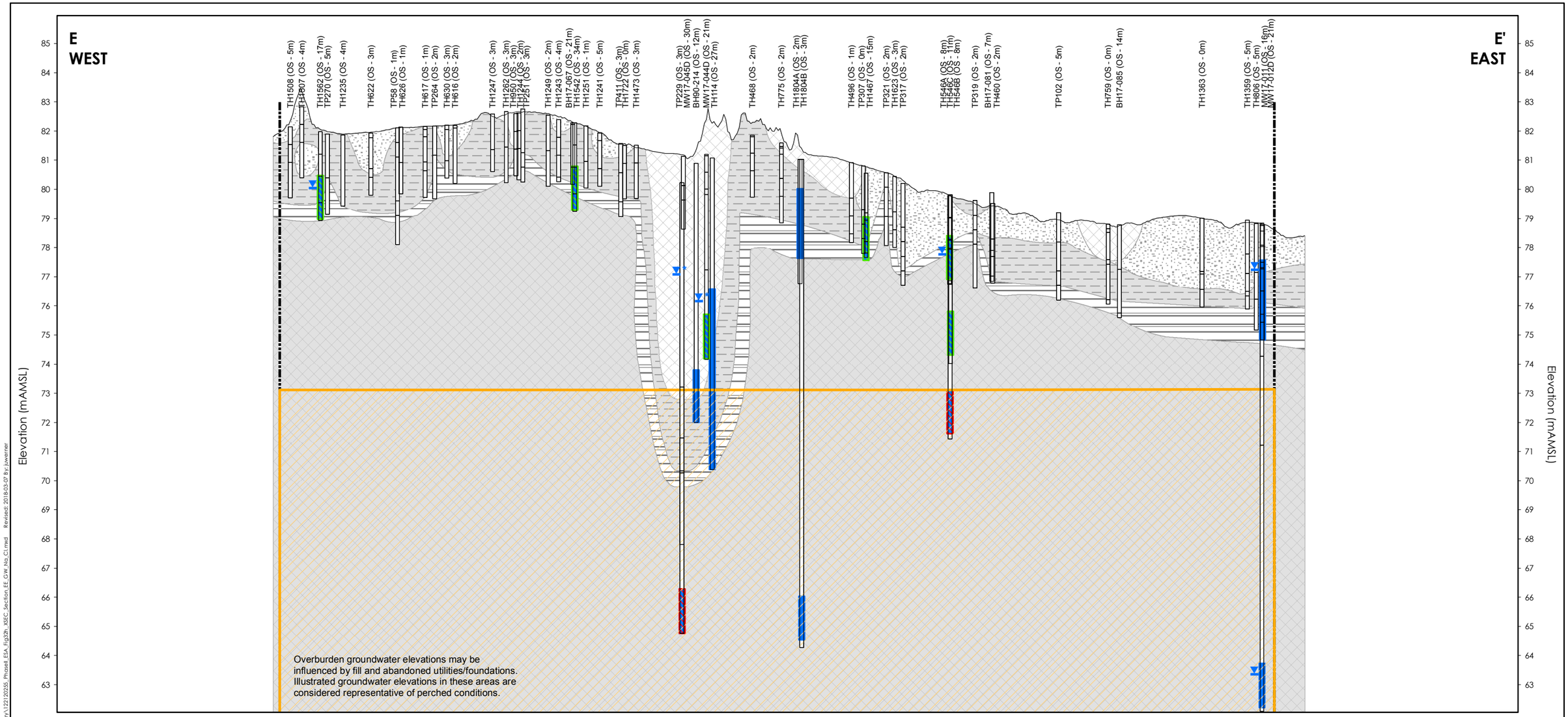
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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_PhaseII_ESA_Fig32g_XSEC_Section_EE_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

MW11-15 (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

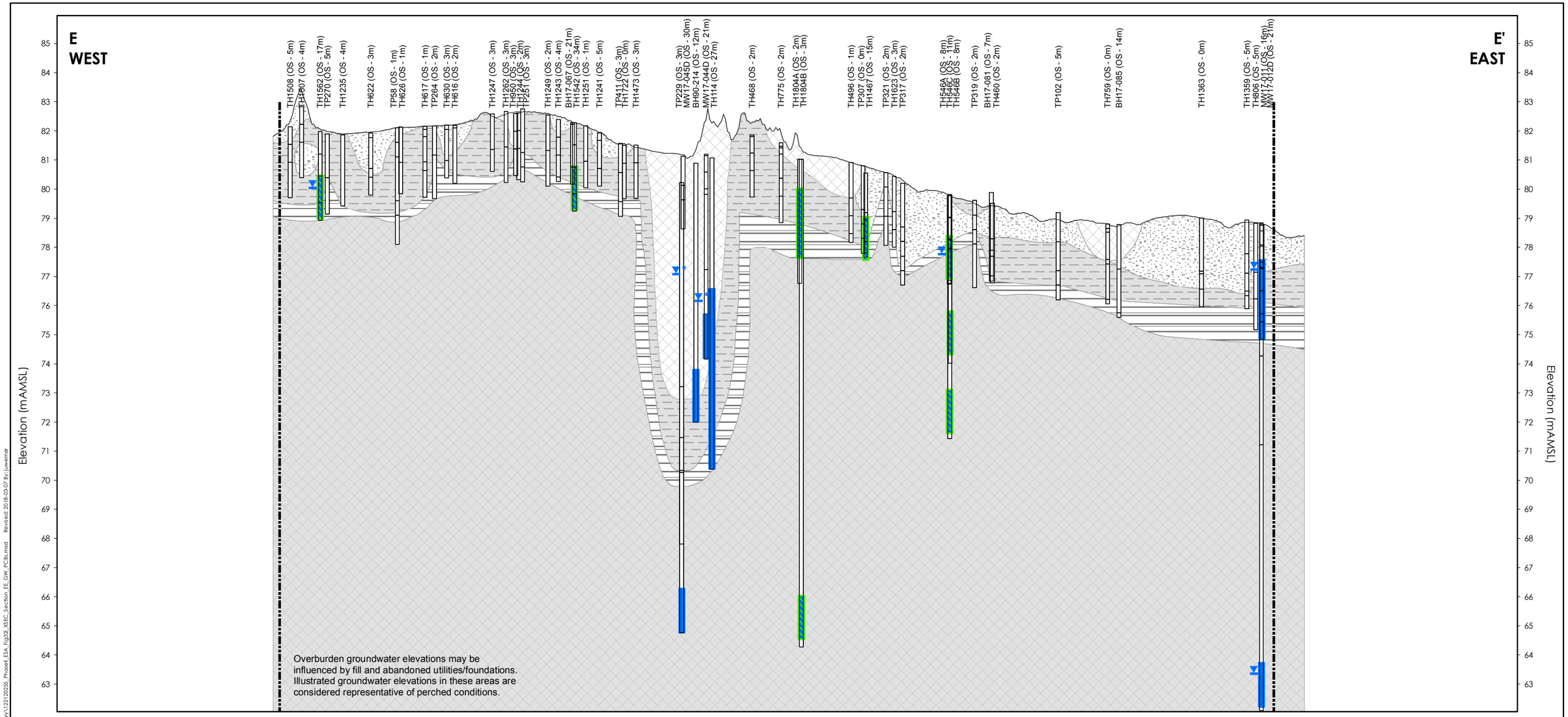
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\cd1224-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



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

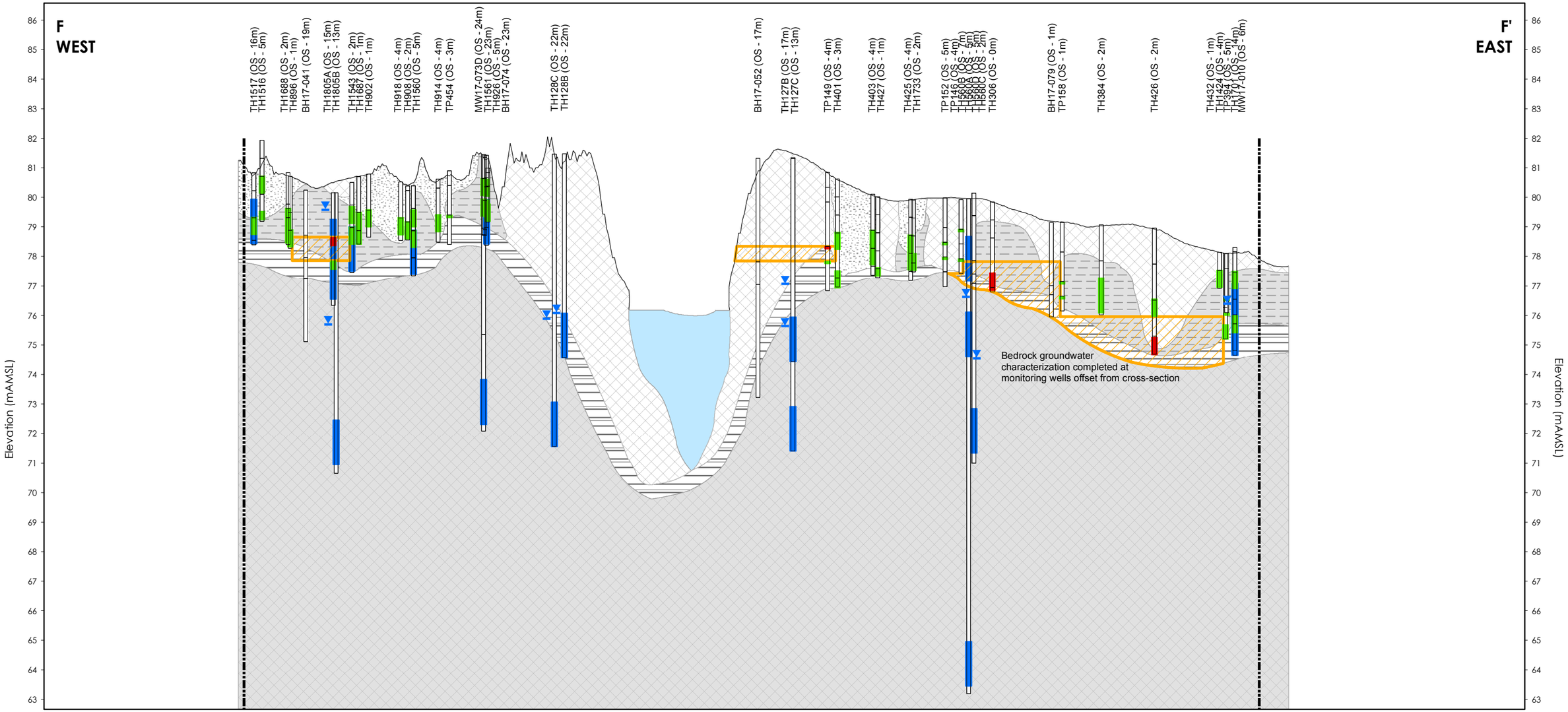
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

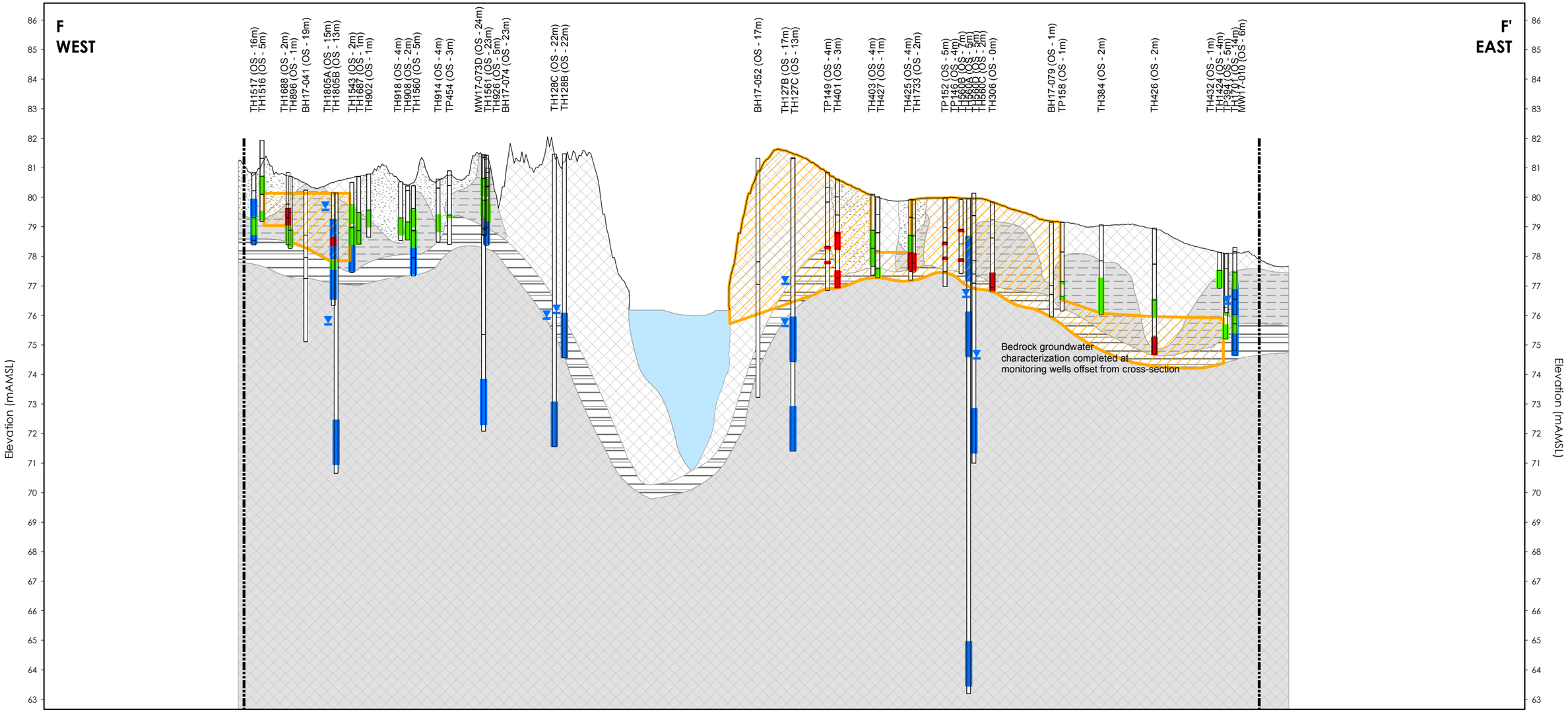
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WD\Phase II ESA Summary\122120255_Phase II ESA_Fig33a_XSEC_Section_FF_SO_BTEX.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. 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

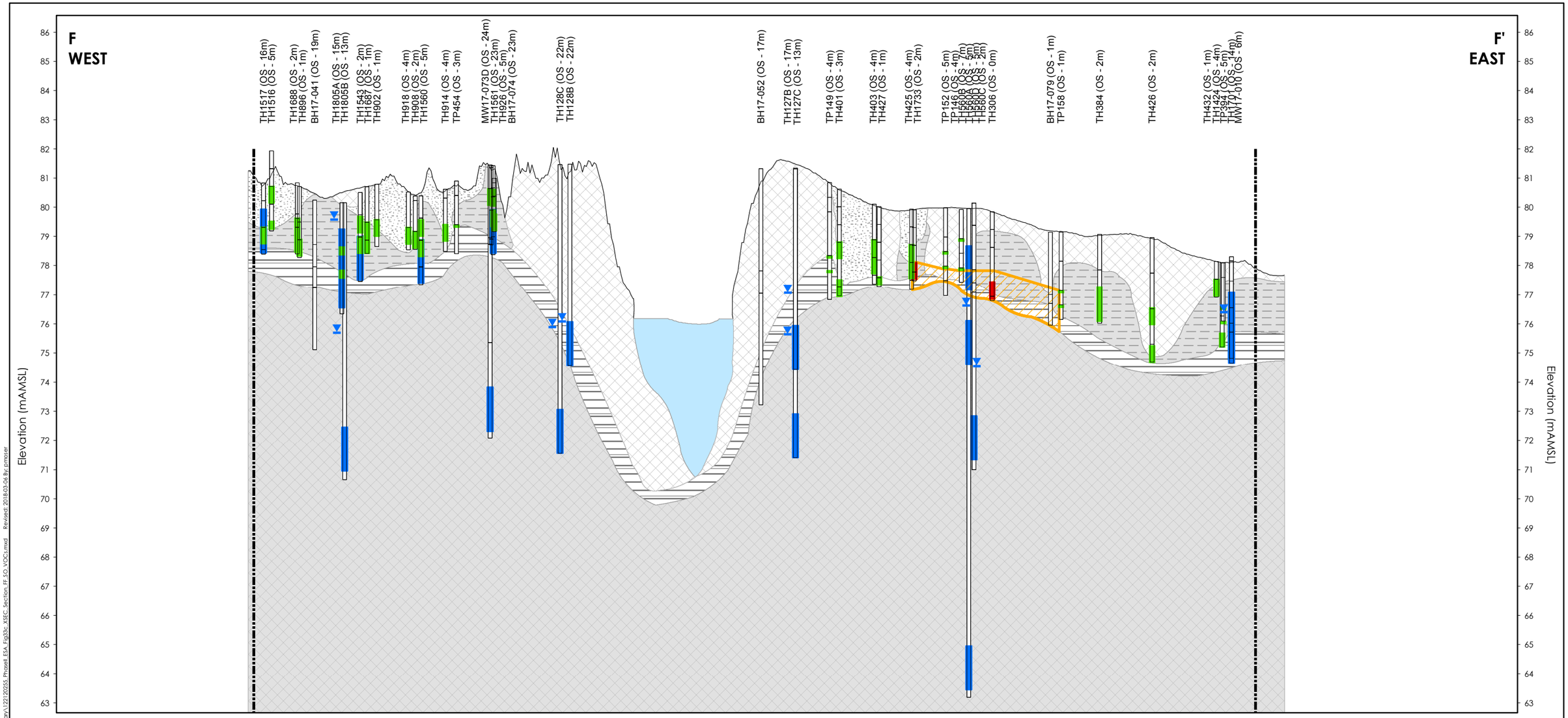
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224ff02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA Summary\122120255_Phase II ESA_Fig33b_XSEC_Section_FF_SO_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

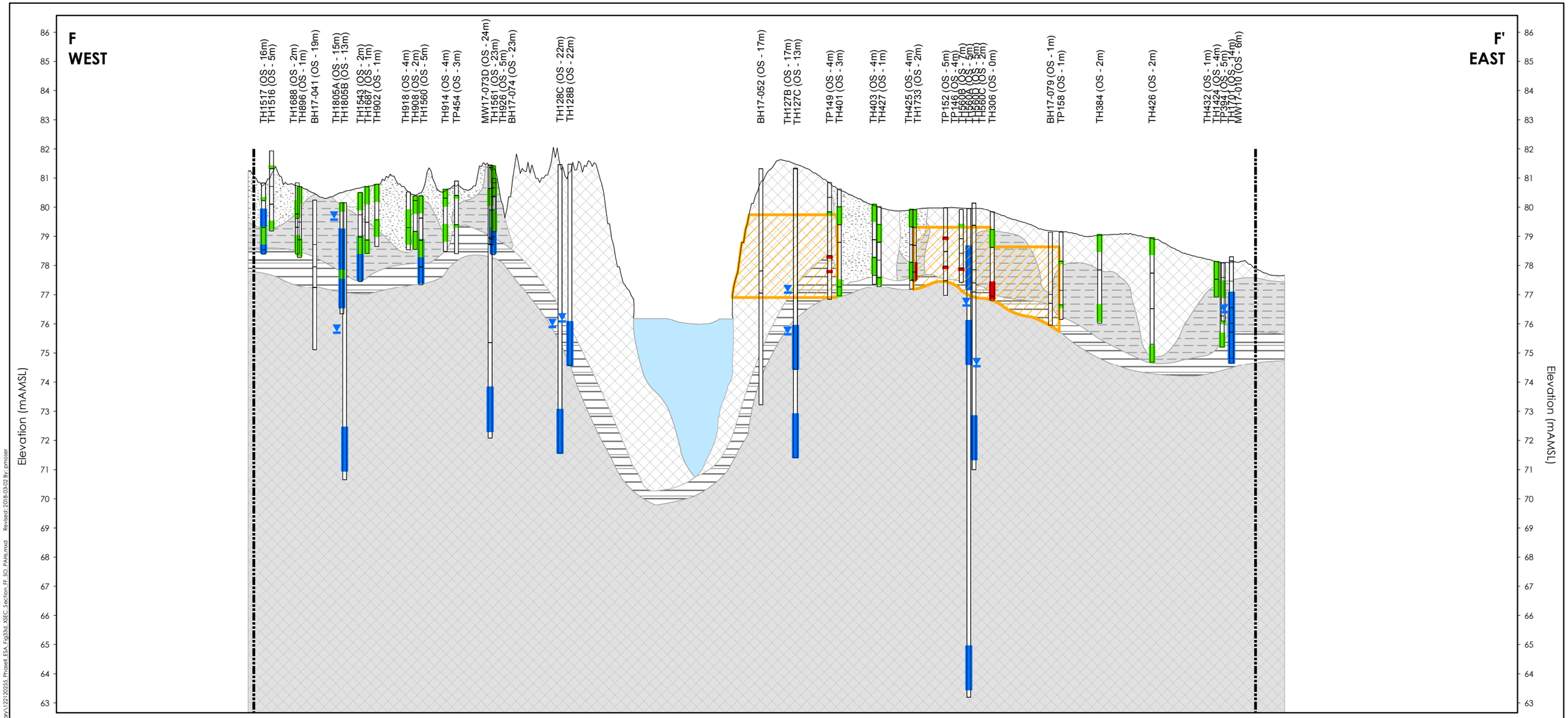
122120255 REVA
Prepared by pmoser on 2018-03-06
Technical Review by NM on 2018-03-06

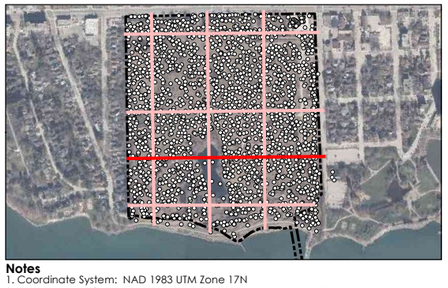
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
33c

Title
Cross-Section F-F' - Summary of Soil Analytical Results - VOCs

\\Cal1224f02\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





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

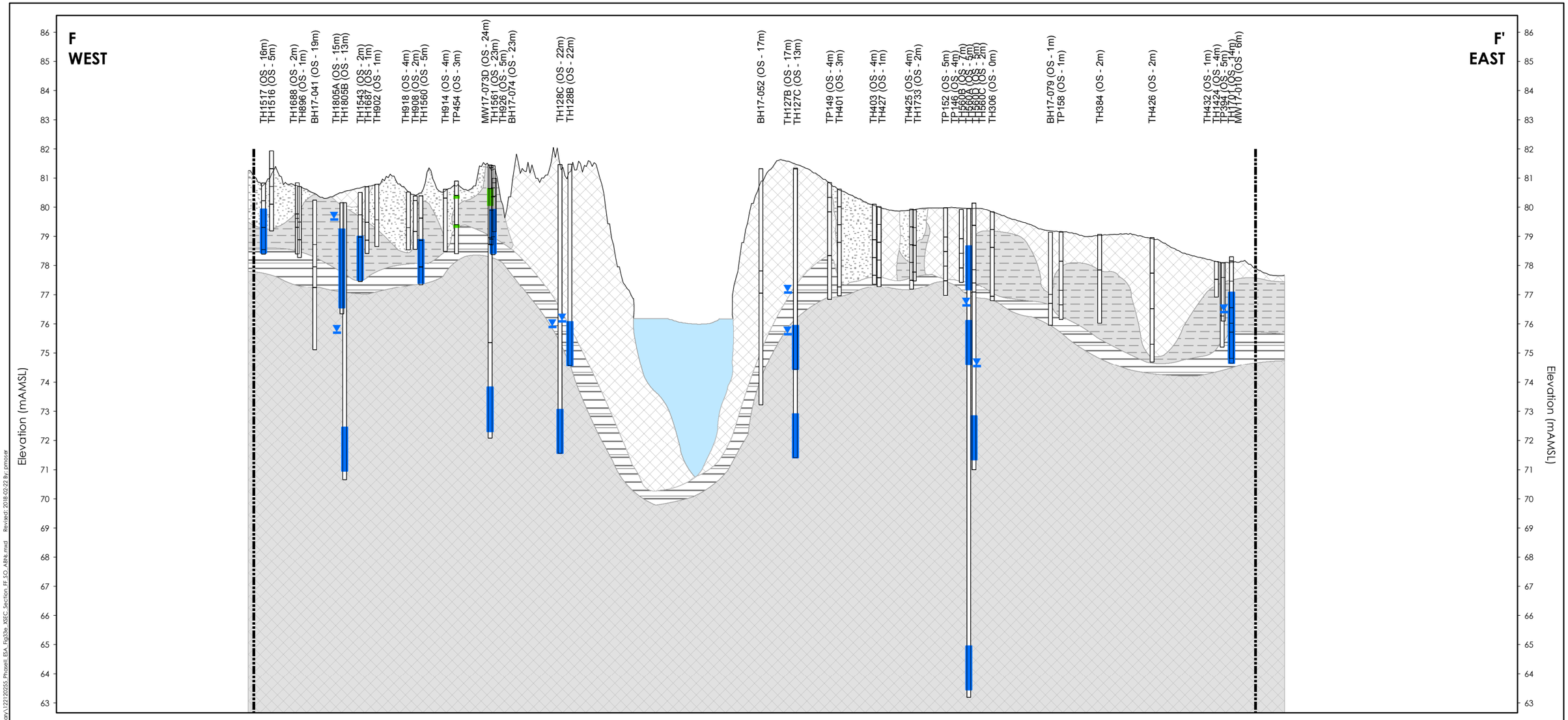
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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

Figure No.
33d

Title
Cross-Section F-F' - Summary of Soil Analytical Results - PAHs

\\Cd1224f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II ESA_Fig33d_XSEC_Section FF_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

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

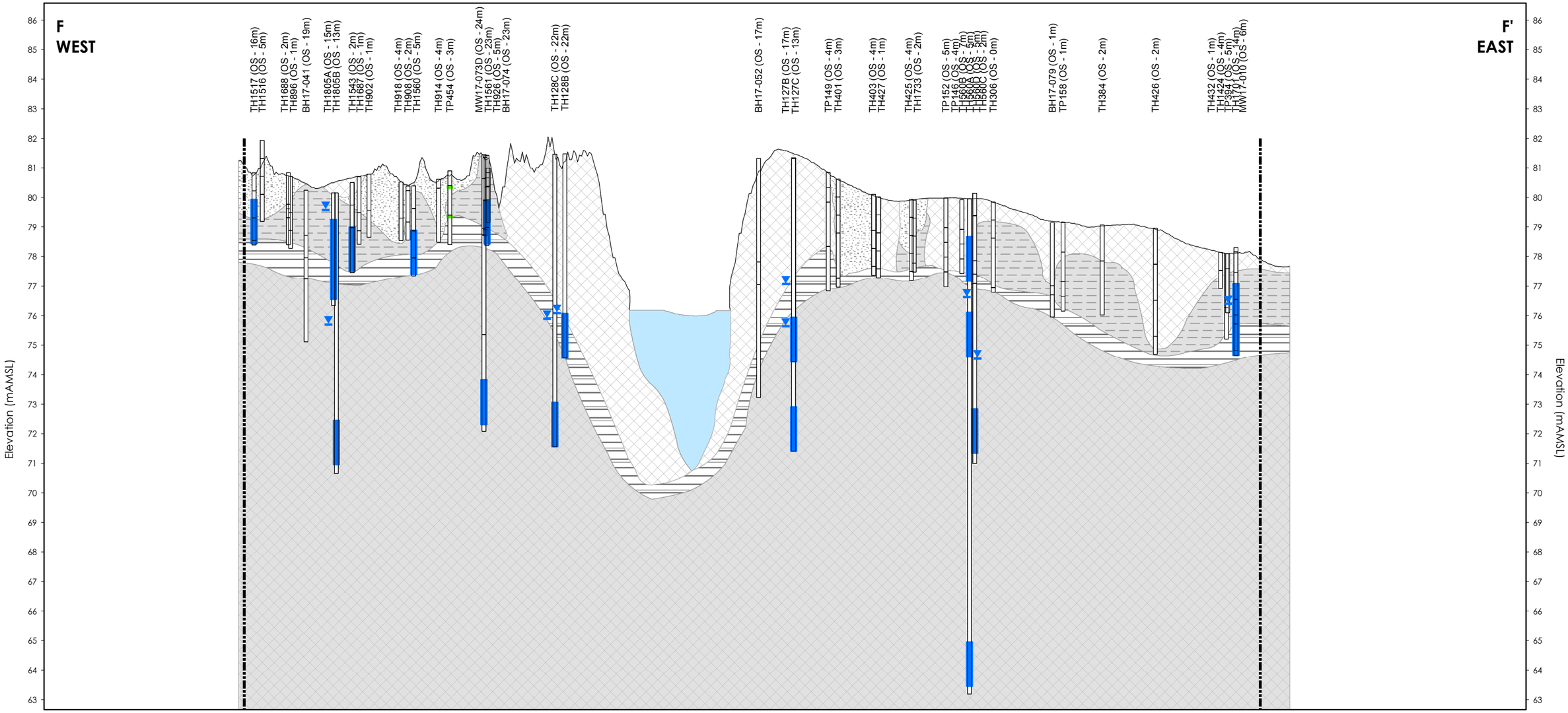
122120255 REVA
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

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

Figure No.
33e

Title
Cross-Section F-F' - Summary of Soil Analytical Results - Acid/Base Neutrals

\\ca1224it02\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



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

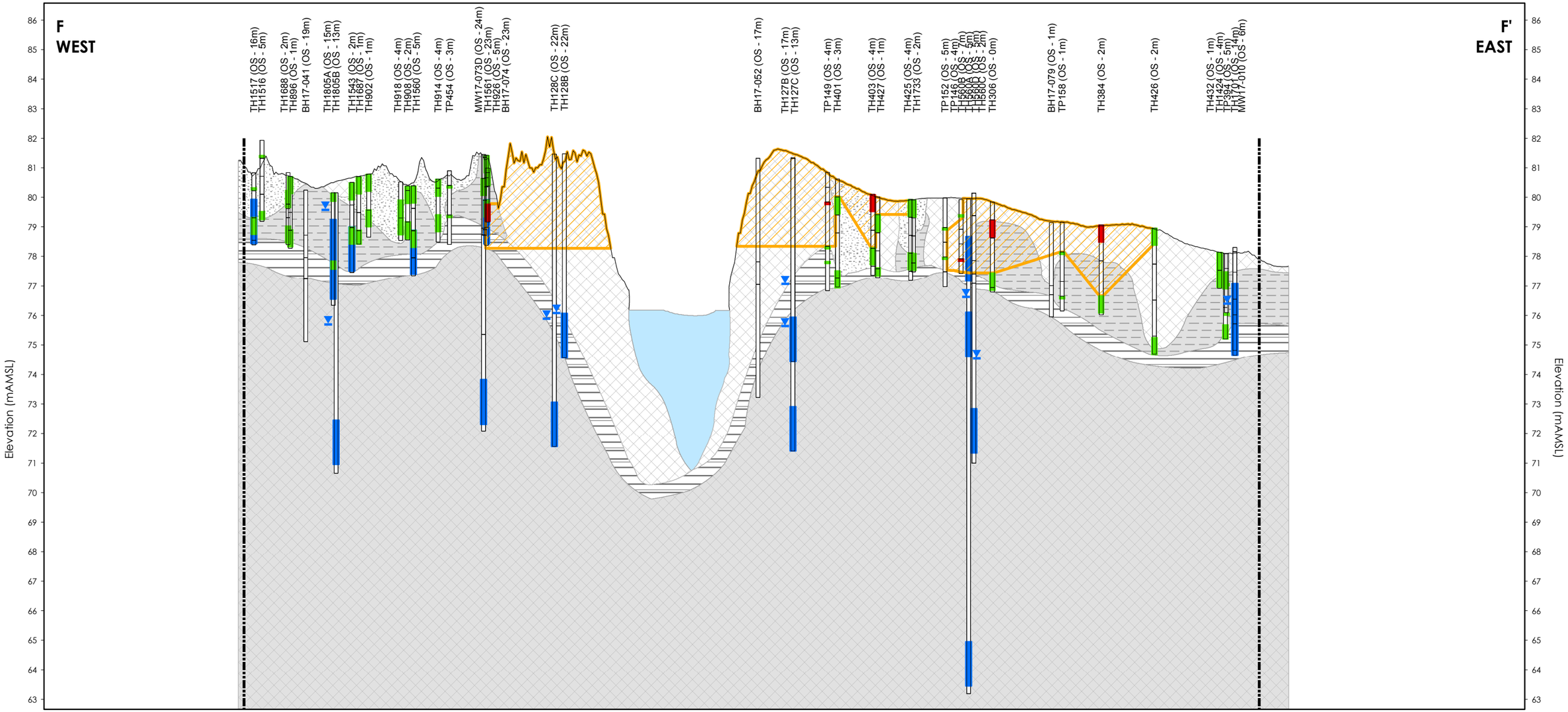
122120255 REV.A
Prepared by pmoser on 2018-02-21
Technical Review by NM on 2018-02-21

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

\\Cd1724.f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II ESA_Fig33f_XSEC_Section_FF_SO_CPs.mxd Revised: 2018-02-21 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

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

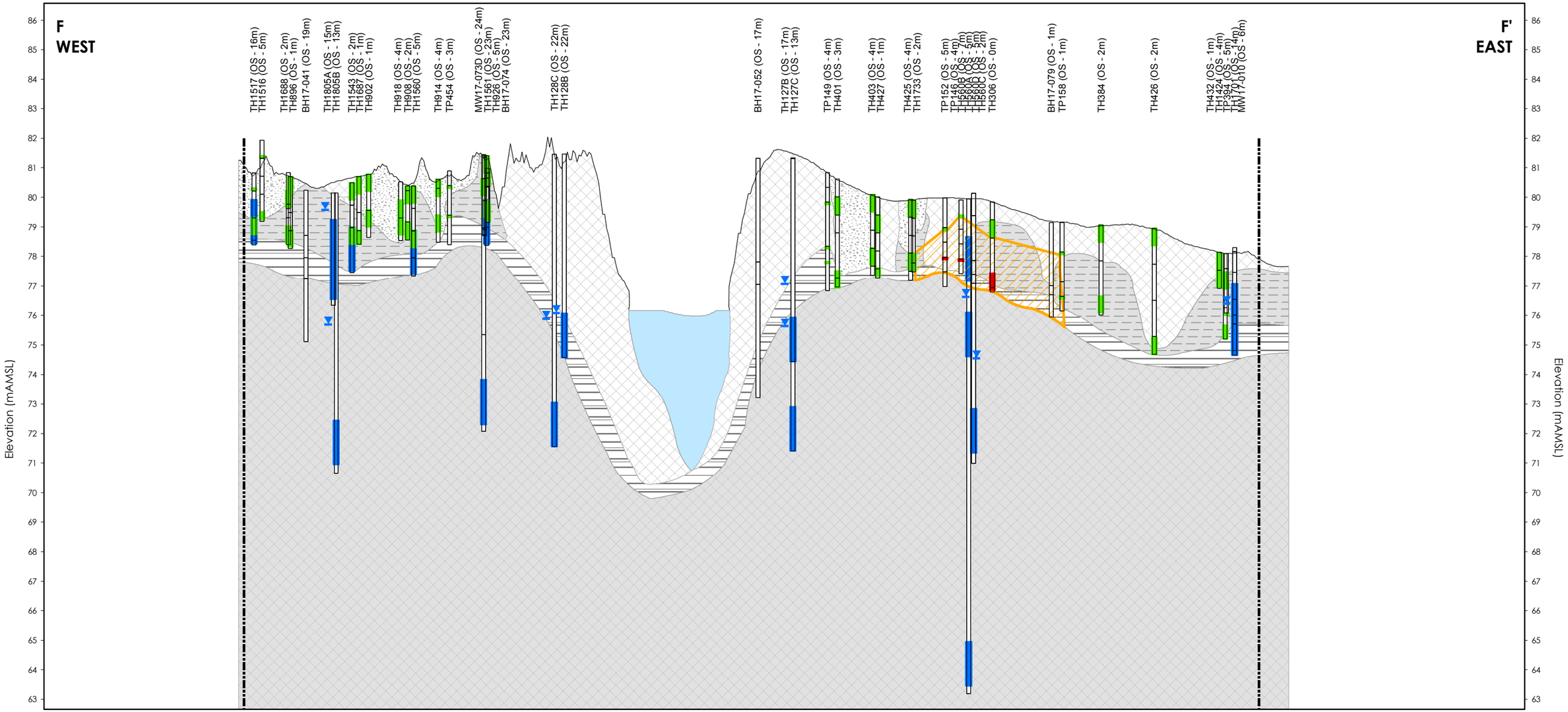
122120255 REVA
Prepared by pmoser on 2018-03-02
Technical Review by NM on 2018-03-02

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\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig33g_XSEC_Section_FF_SO_Metals.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. 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

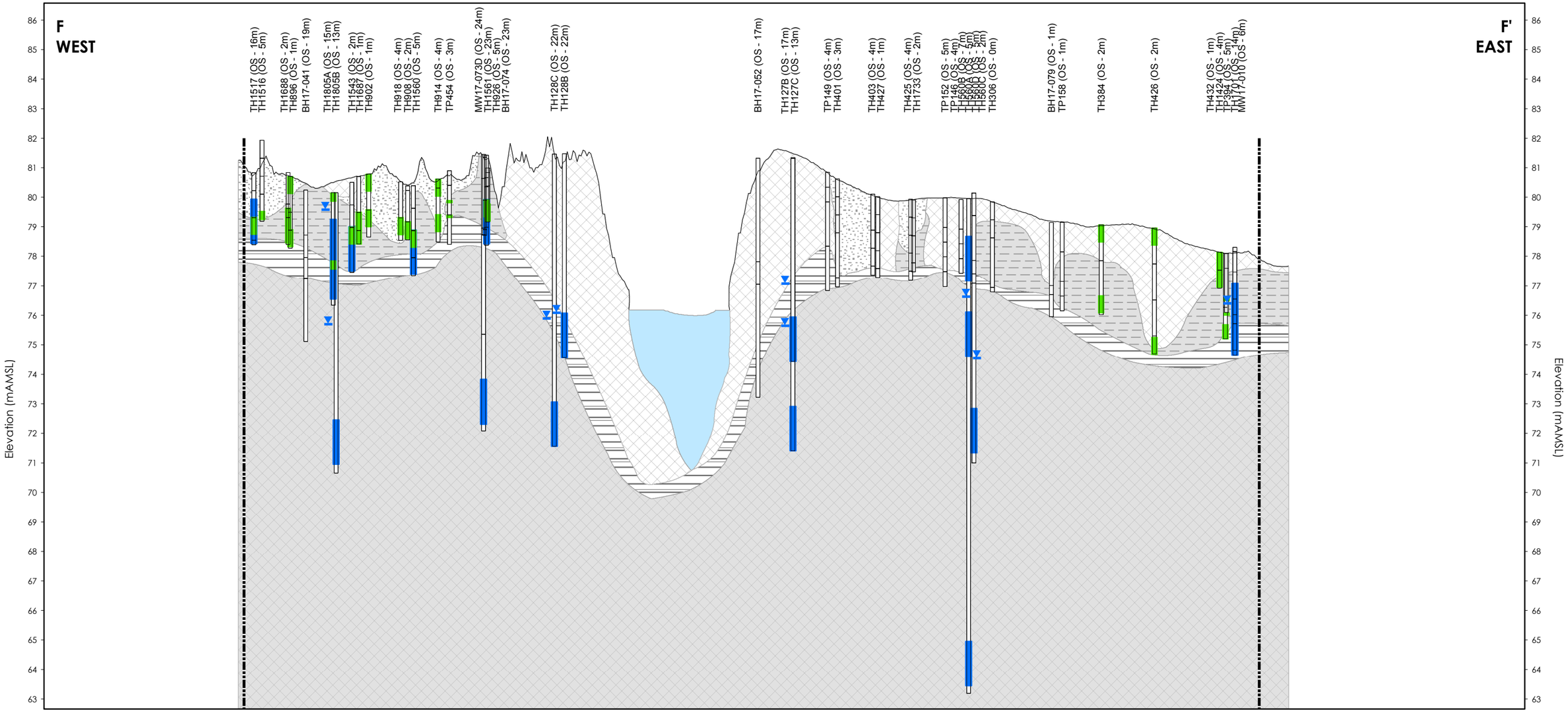
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Technical Review by NM on 2018-03-02

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

\\Ca1224f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II_ESA_Fig33h_XSEC_Section_FF_SO_EC_SAR.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
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

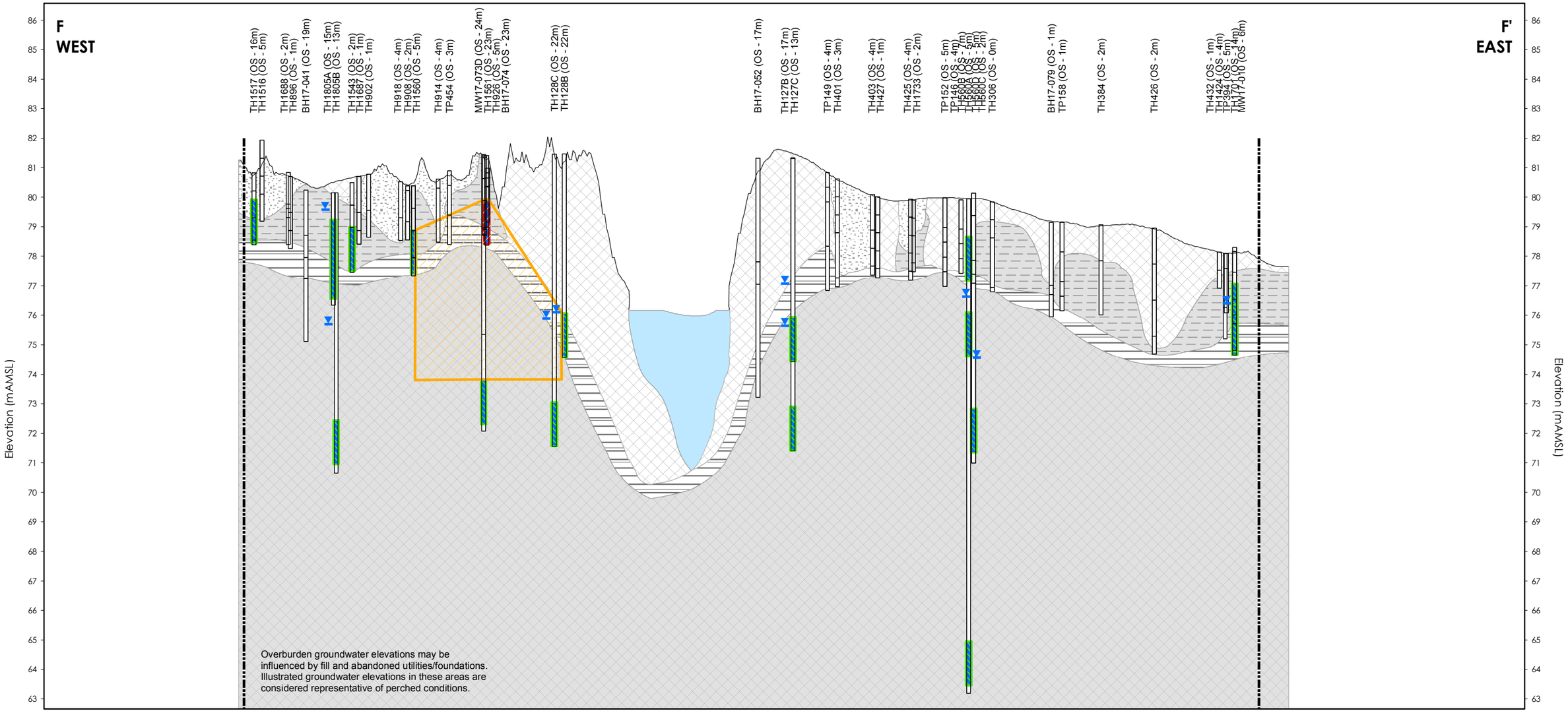
122120255 REV.A
Prepared by pmoser on 2018-02-22
Technical Review by NM on 2018-02-22

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

\\ca1224i02\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



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

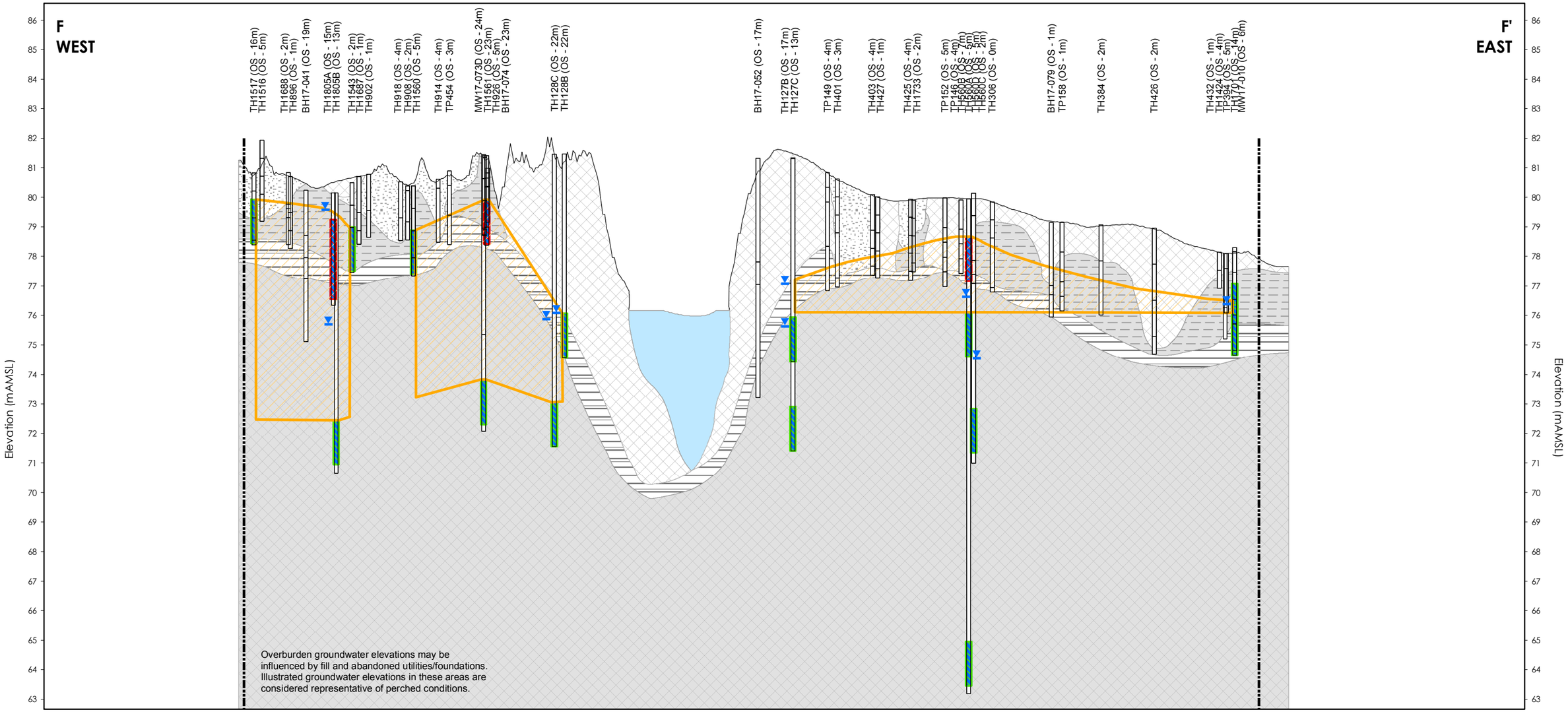
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

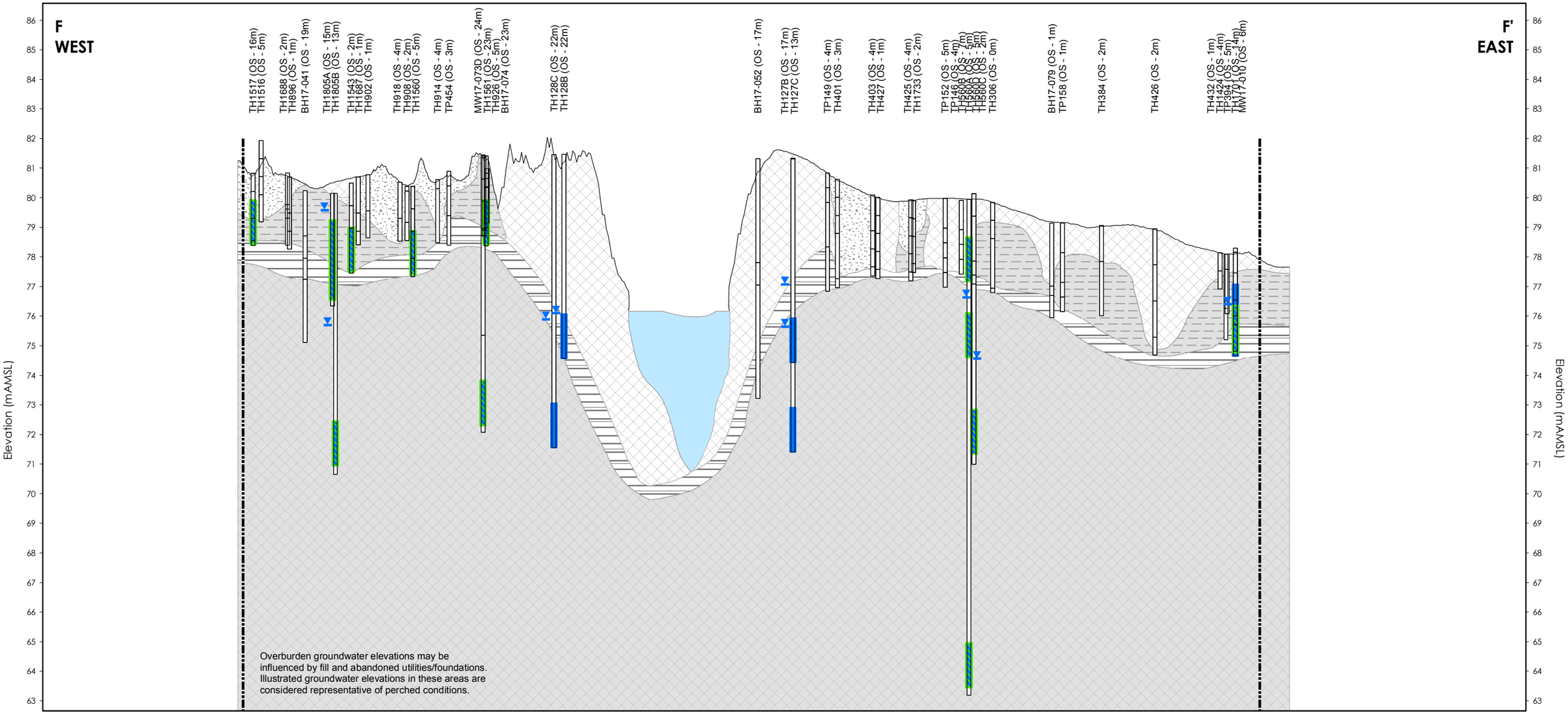
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\ca1224fp2\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig34b_XSEC_Section_FF_GW_PHCs.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. 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

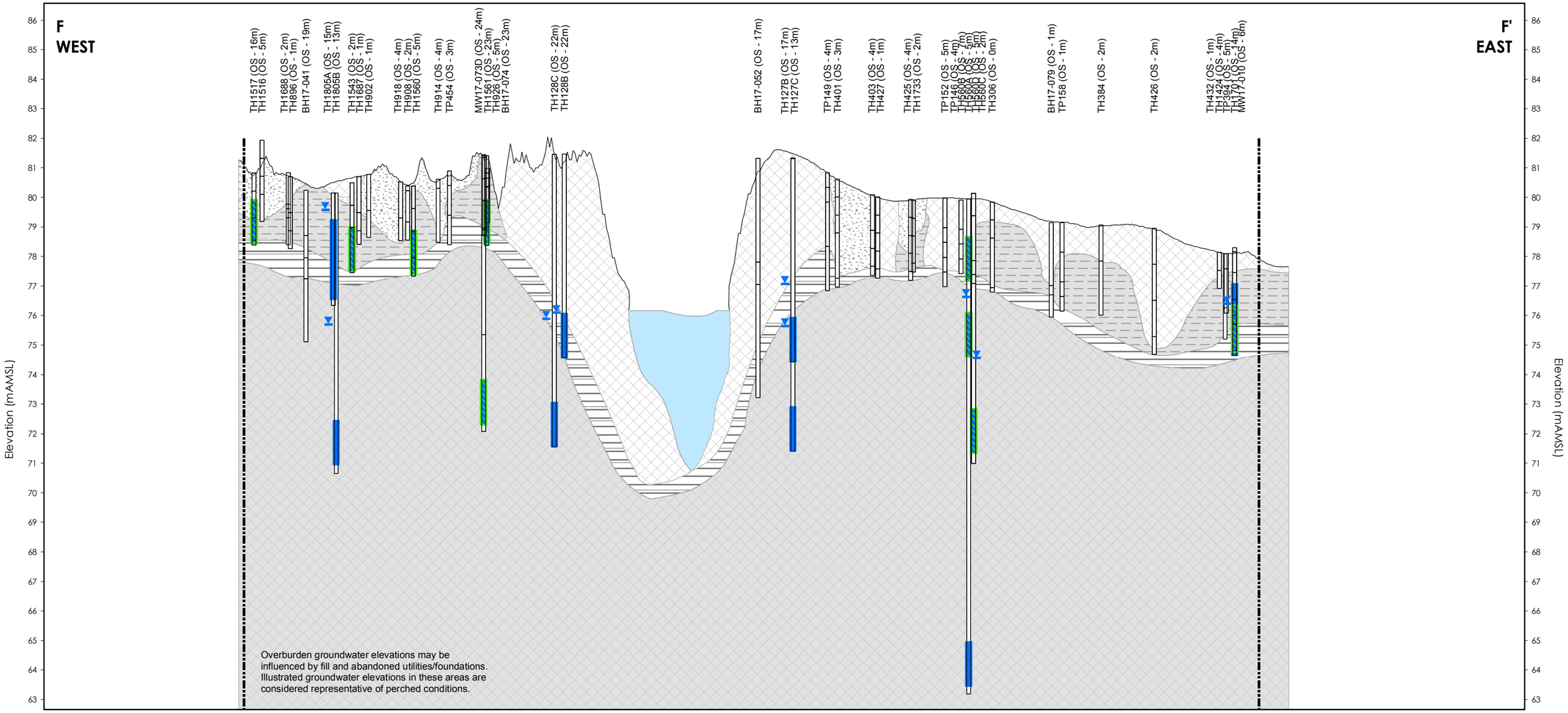
1221120255 REV.A
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

Figure No.
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



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

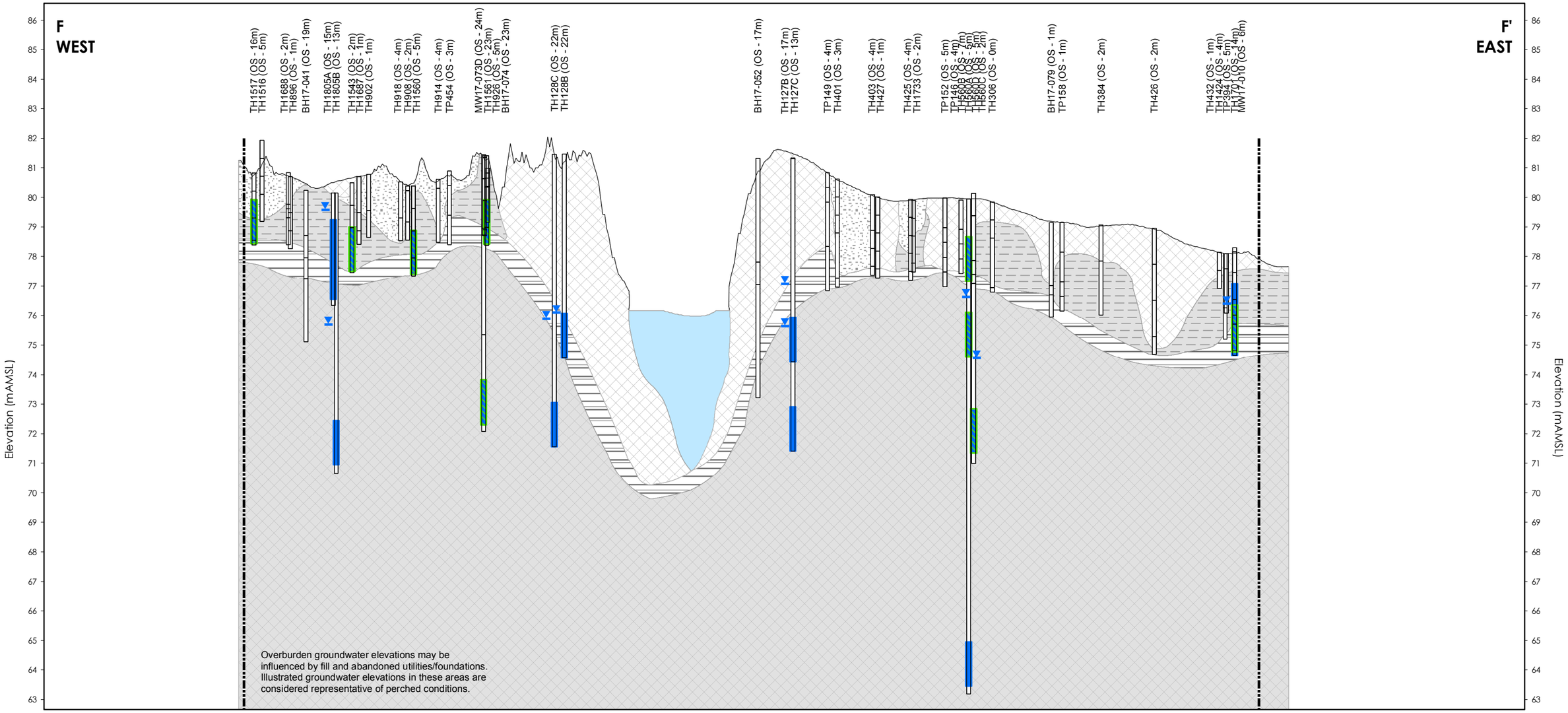
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

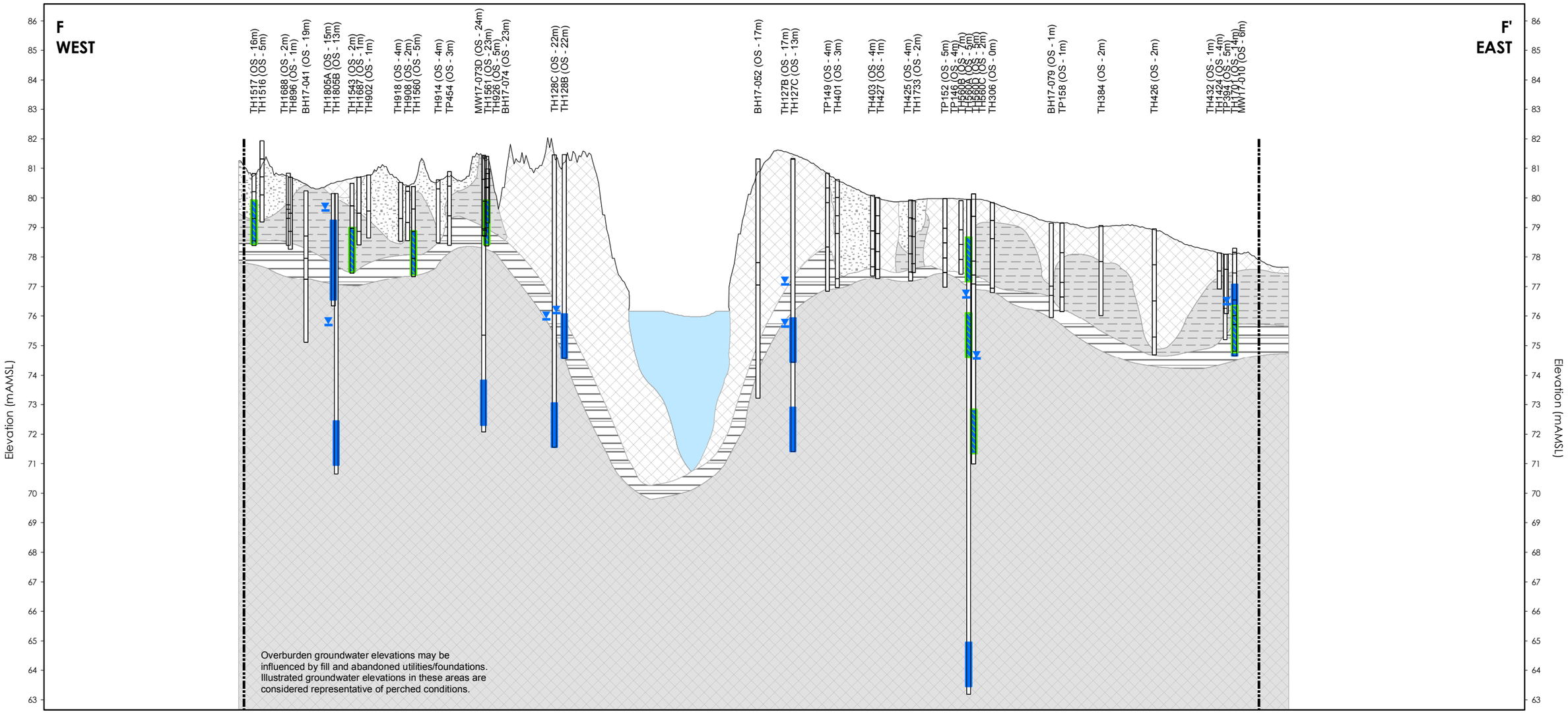
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

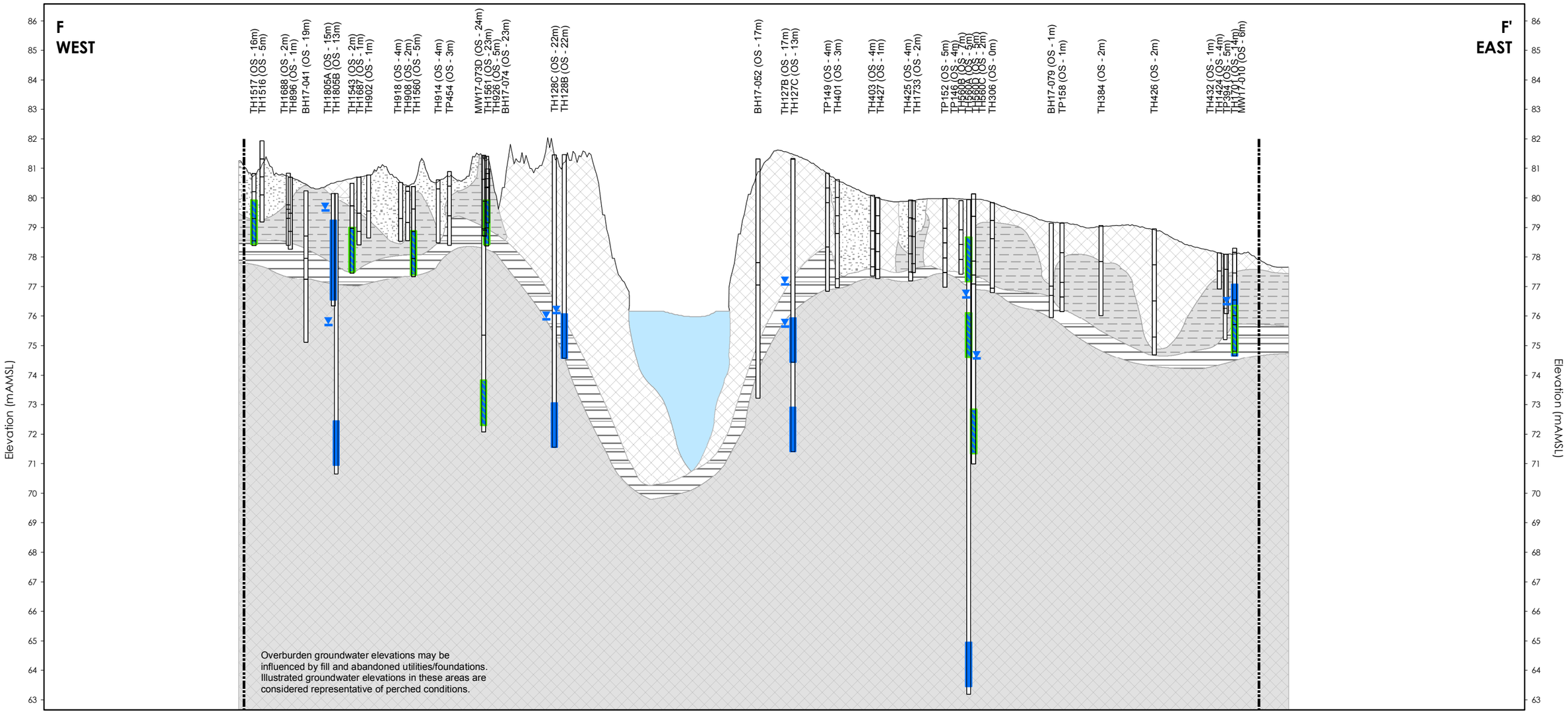
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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



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

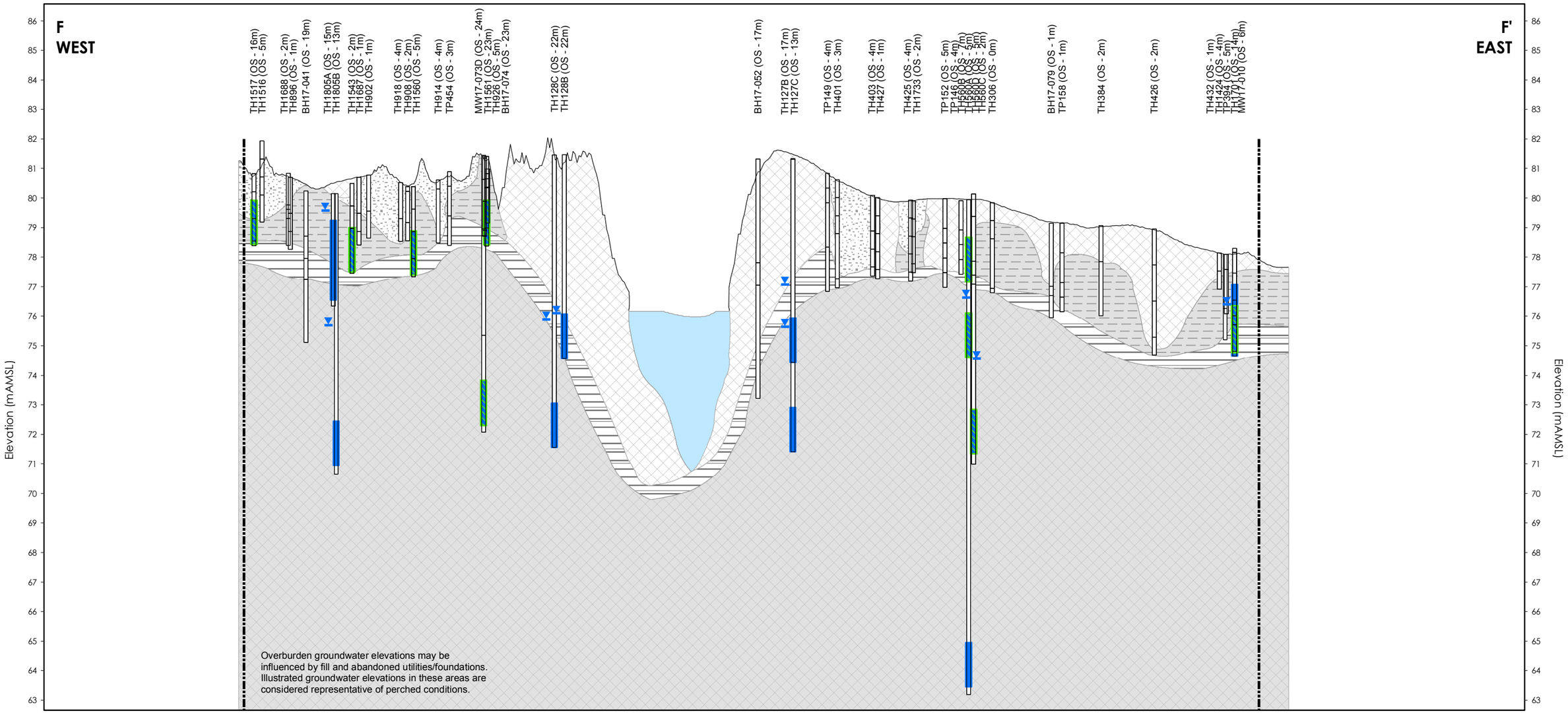
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

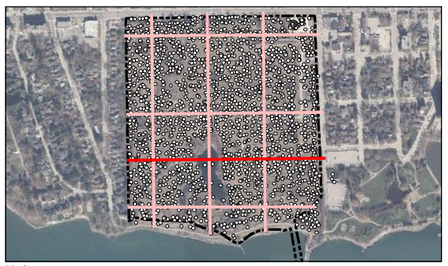
Client/Project
Port Credit West Village Partners Inc.
70 Mississauga Road South, Mississauga, ON
Phase Two ESA

Figure No.
34g

Title
Cross-Section F-F' - Summary of Groundwater Analytical Results - Metals

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig34g_XSEC_Section_FF_GW_Metals.mxd Revised: 2018-03-07 By: juwerner





Notes
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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

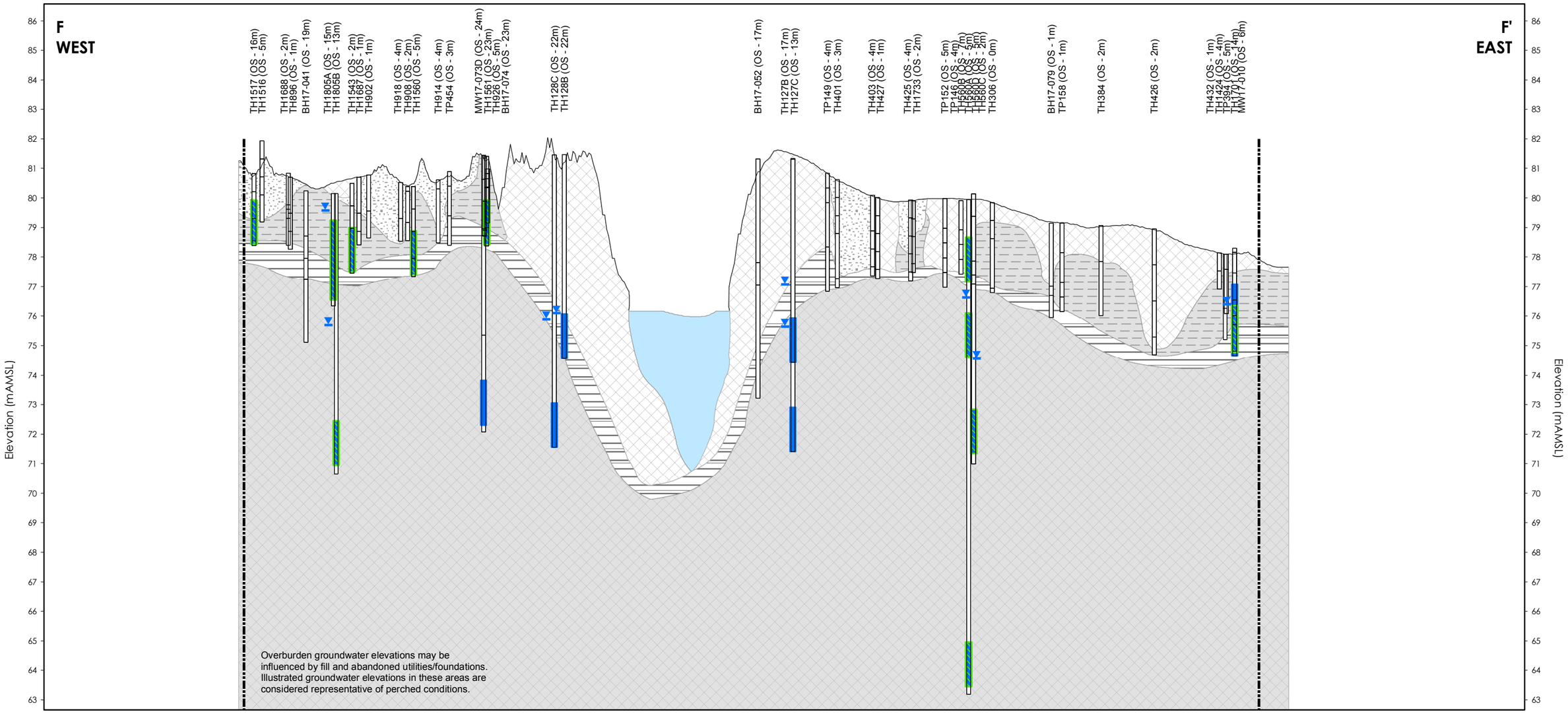
122120255 REVA
Prepared by juwerner on 2018-03-07
Technical Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig34h_XSEC_Section_FF_GW_Na_Cl.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. 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

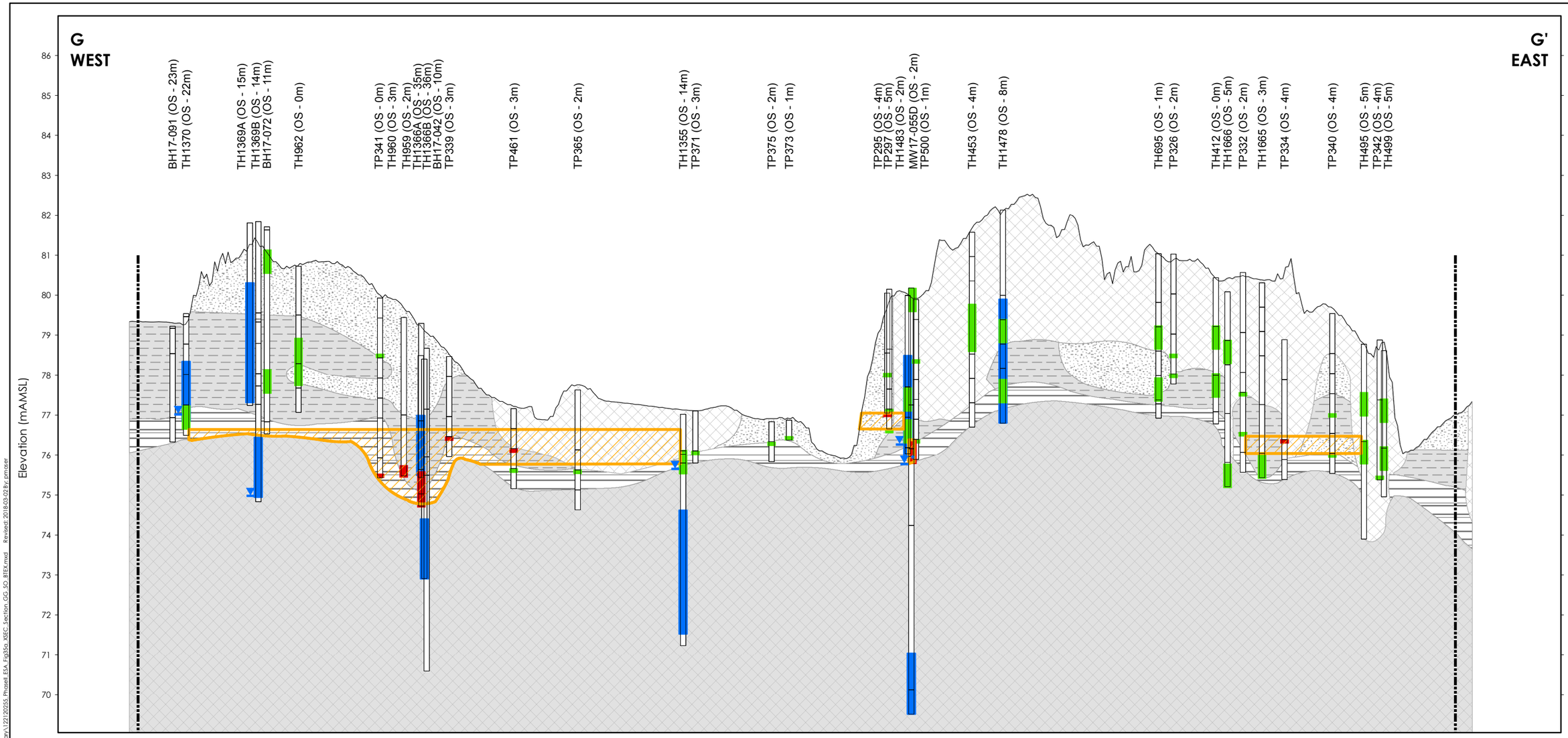
Figure No.

34i

Title

Cross-Section F-F' - Summary of Groundwater Analytical Results - PCBs

\\ca1224ff2\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig34_XSEC_Section_FF_GW_PCBs.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. 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

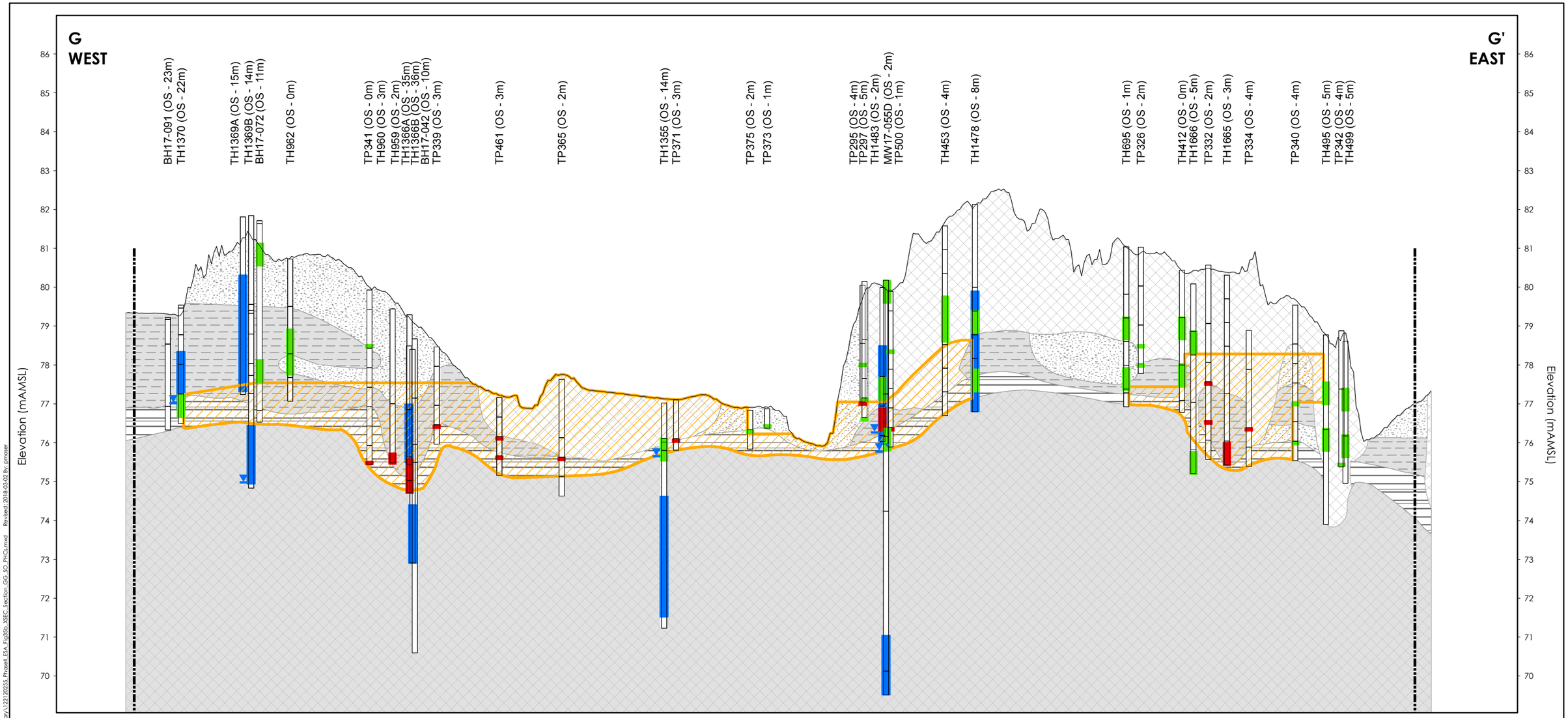
122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

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

\\Cd1224-f02\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



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 25 50 metres

1:1,500 (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

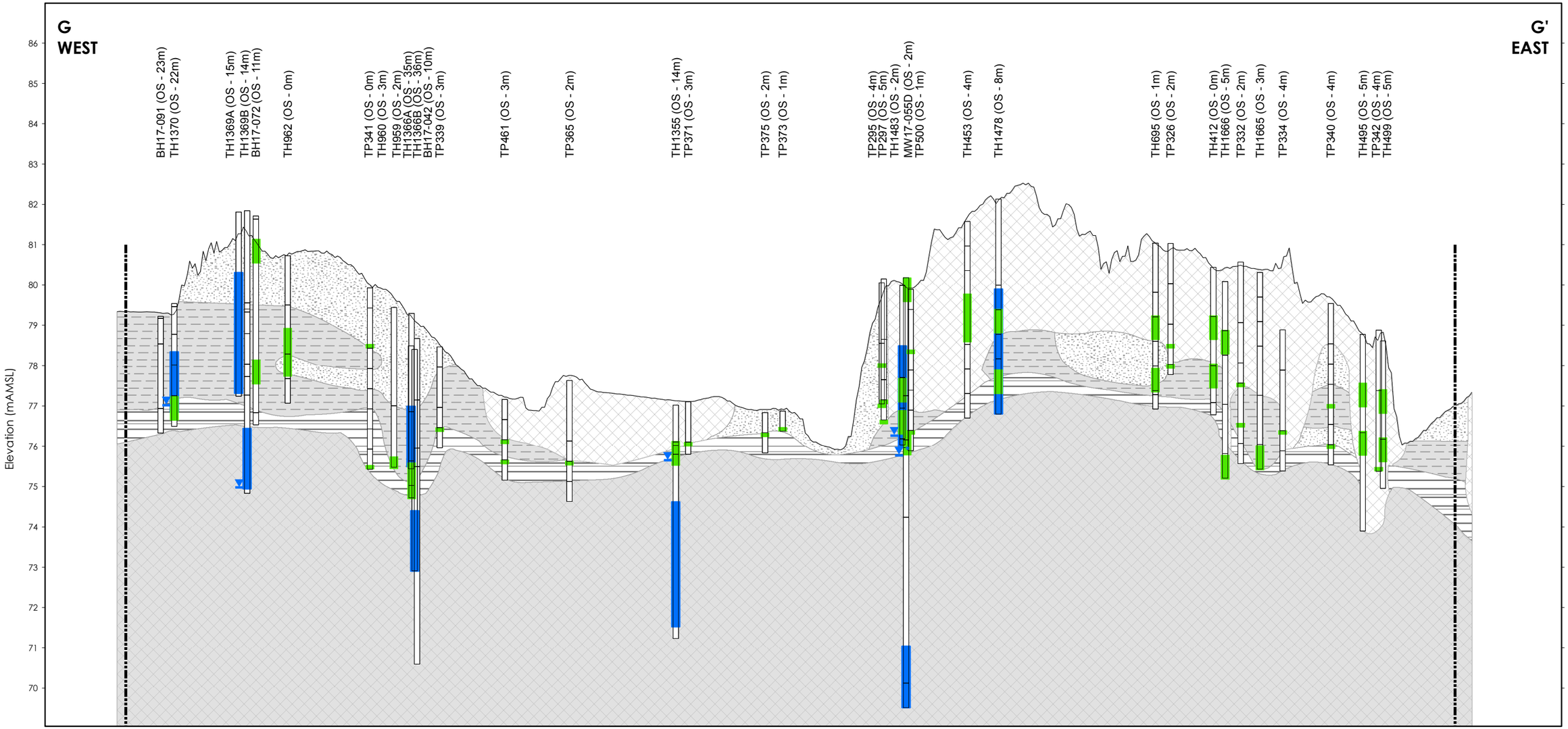
122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

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

\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\WVD\Phase II ESA_Summary\122120255_Phase II ESA_Fig35b_XSEC-Section_GG_SO_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

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

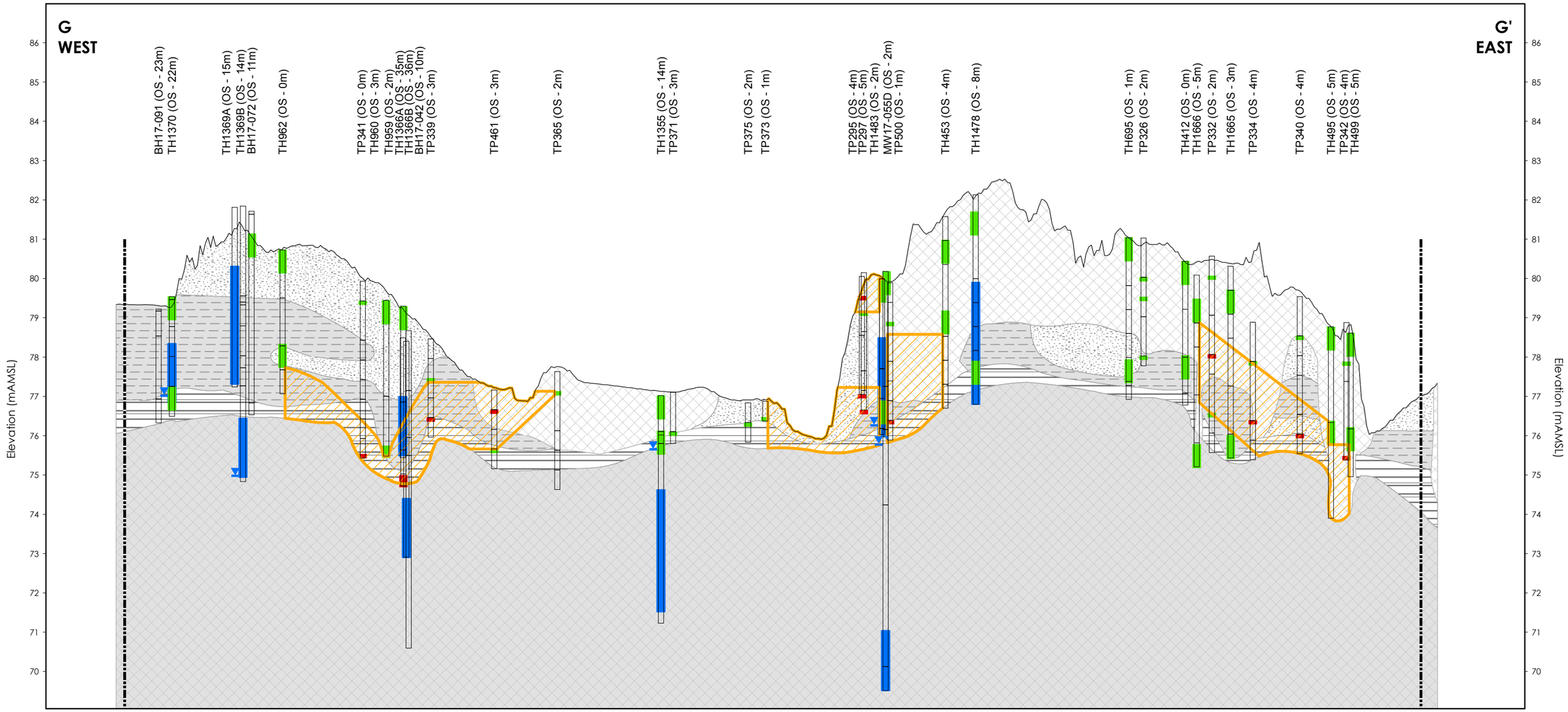
122120255 REVA
Prepared by pmoser on 2018-03-06
Techincal Review by NM on 2018-03-06

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 G G' 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 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

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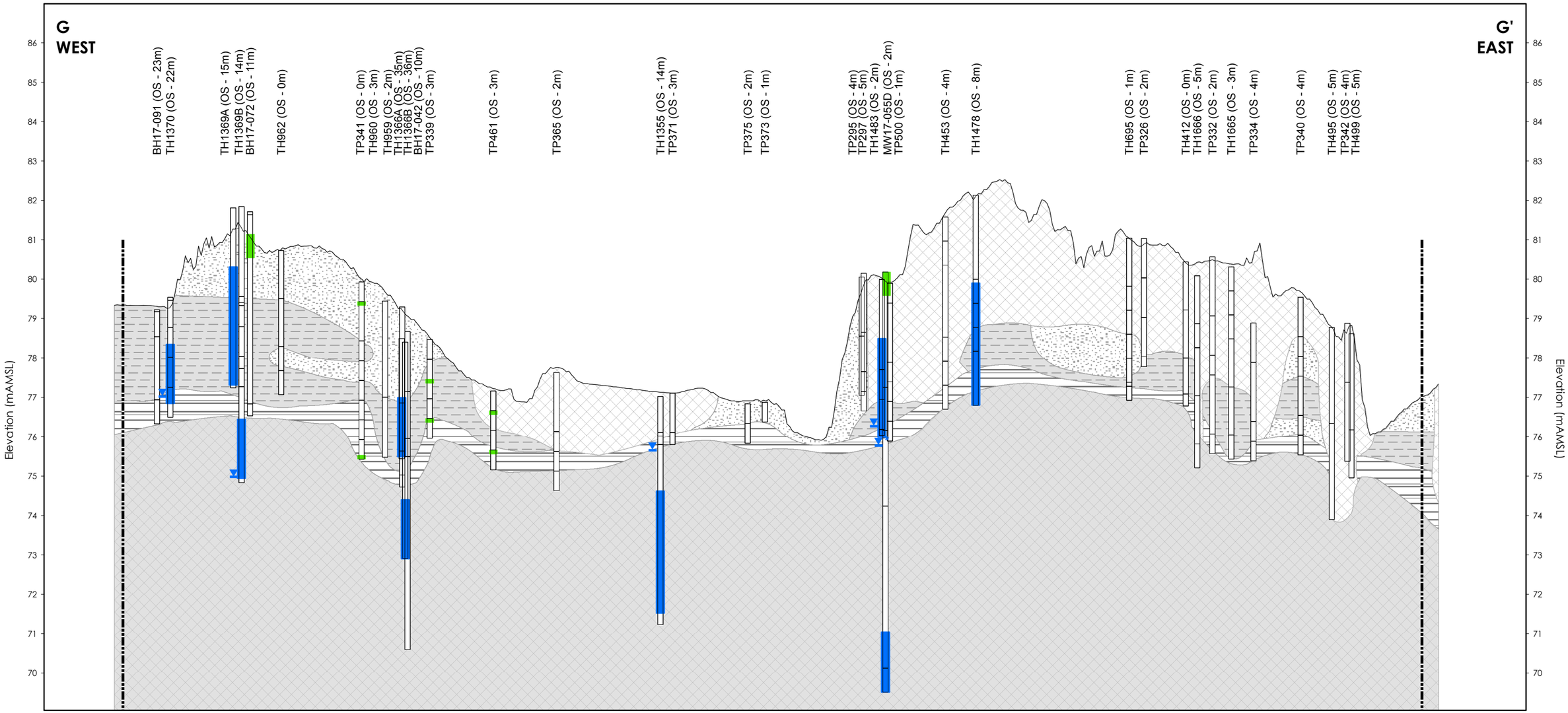

Notes
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3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW11-15 (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

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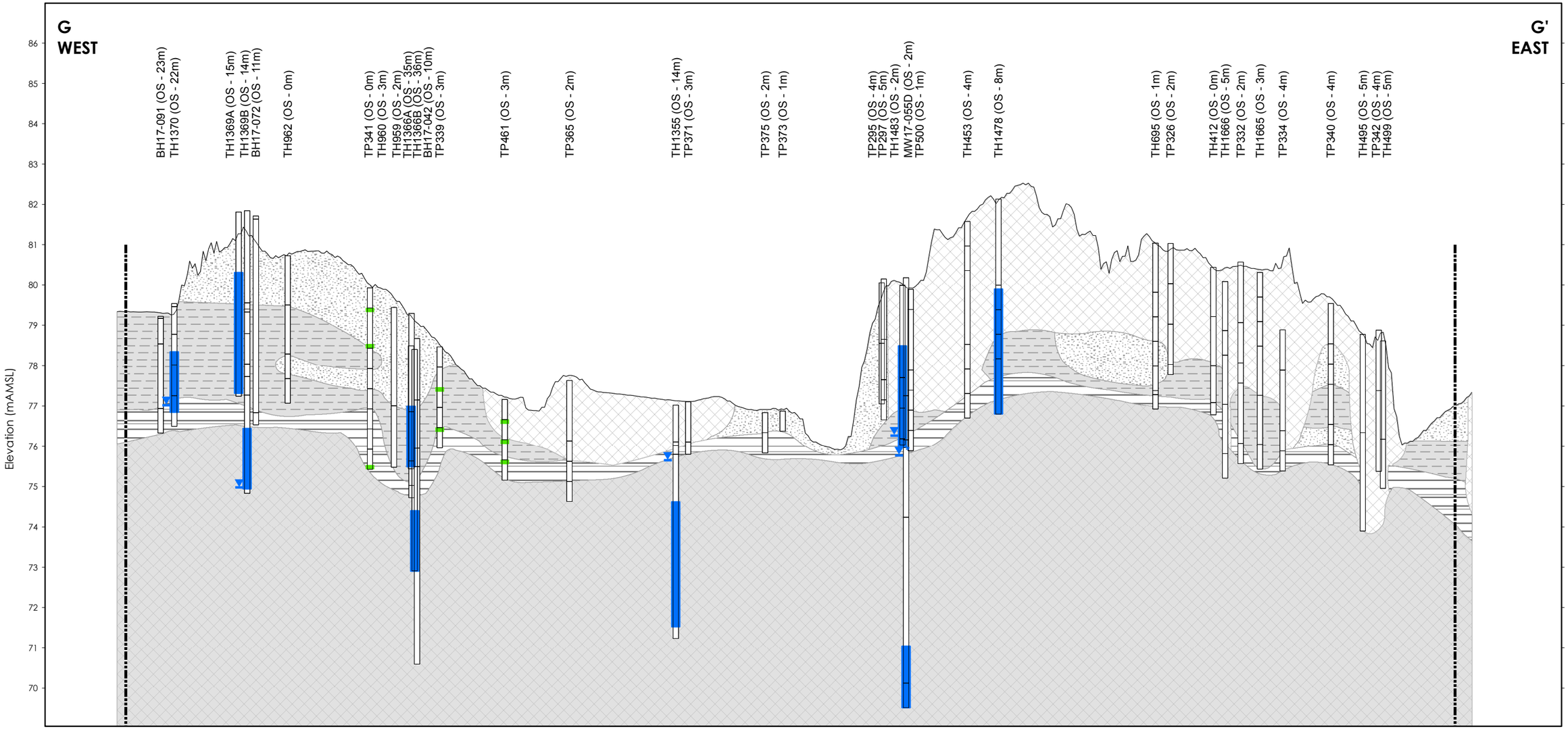

Notes
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2. Orthoimagery © First Base Solutions, 2017. Imagery taken in 2016.
3. Based on survey plan by J.D. Barnes Ltd. dated March 10, 2017.
4. SCS - site condition standard
5. m AMSL - metres above mean sea level

MW11-15 (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

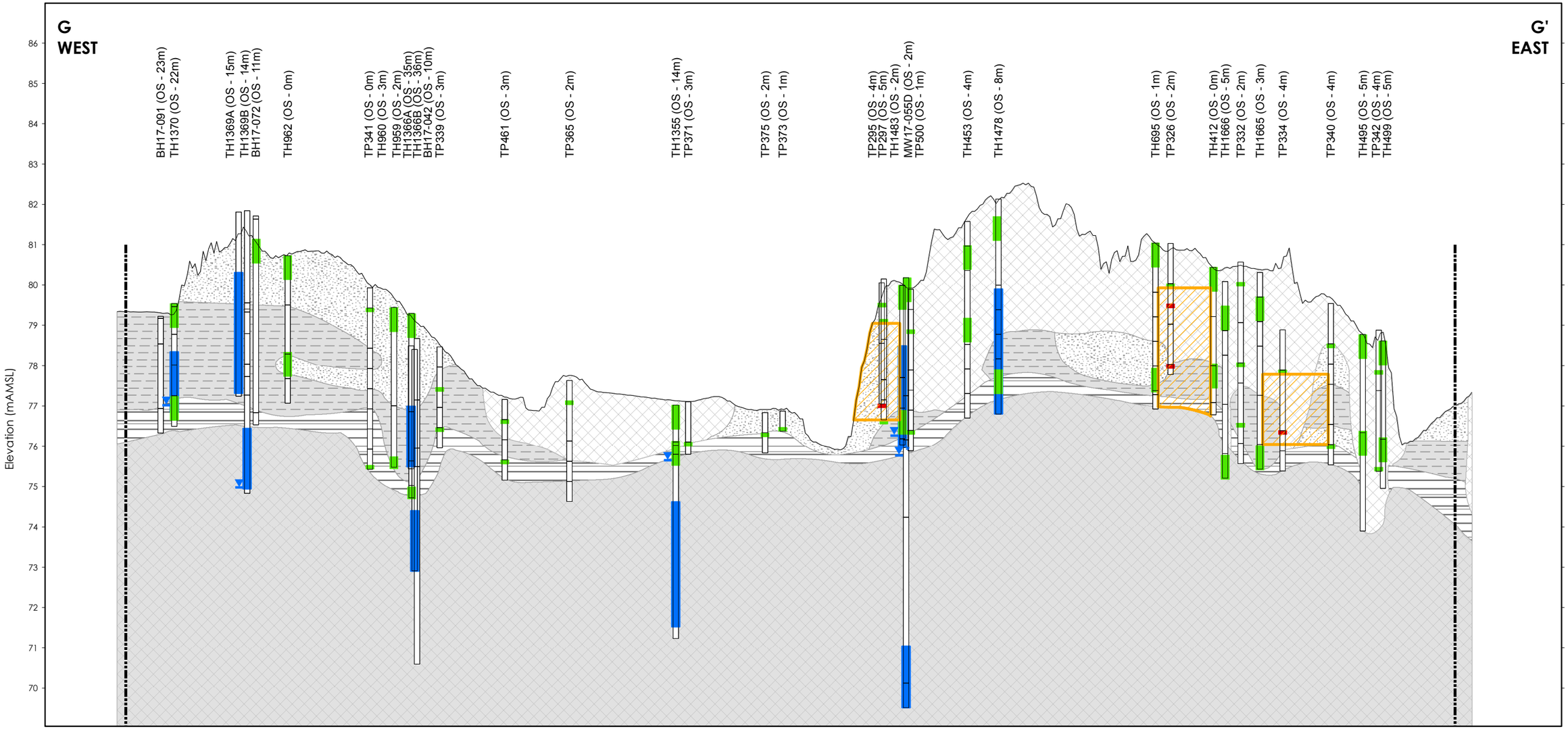
Figure No.

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_SO_CPs.mxd Revised: 2018-02-21 By: pmoser



Notes
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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

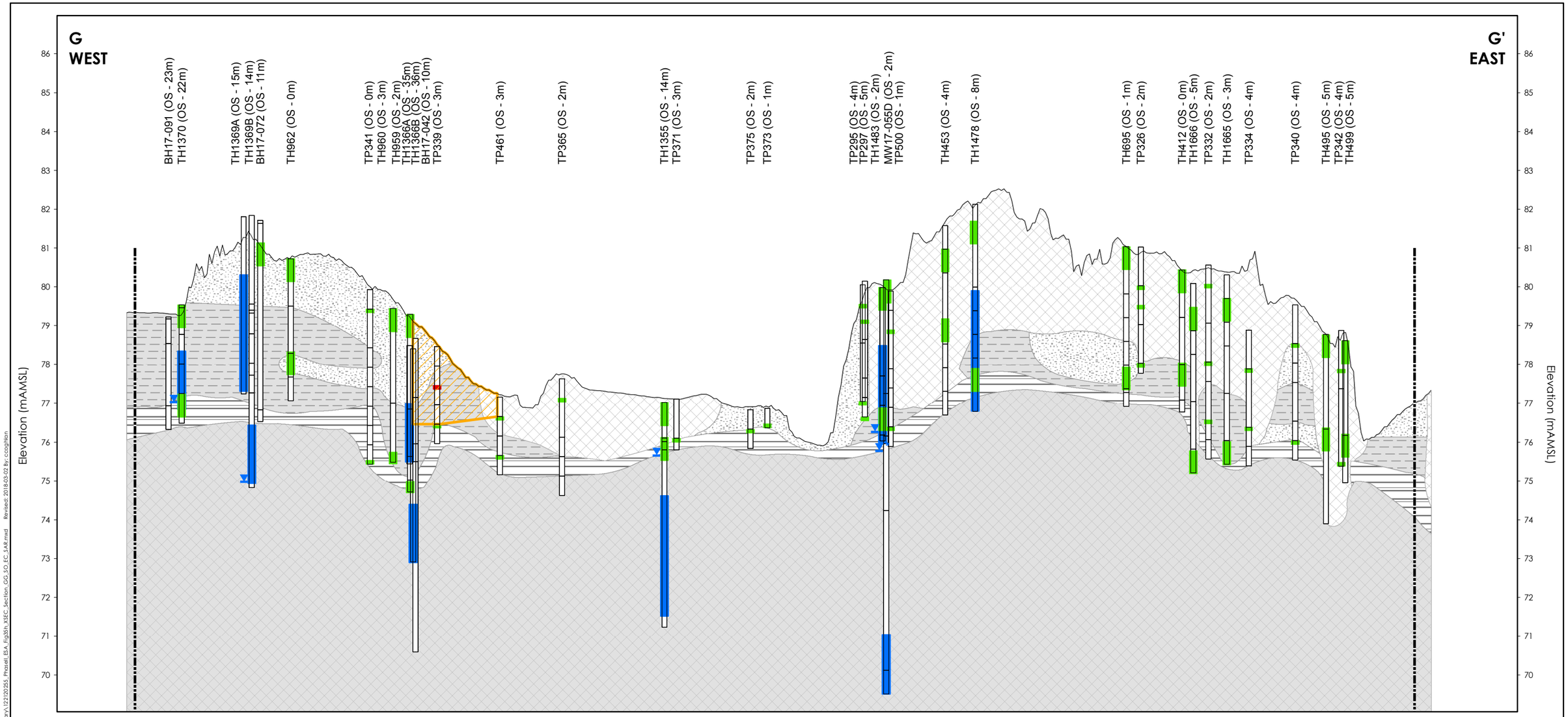
122120255 REVA
Prepared by pmoser on 2018-03-02
Techincal Review by NM on 2018-03-02

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 Fig35g_XSEC Section G-G' SO Metals.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. 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

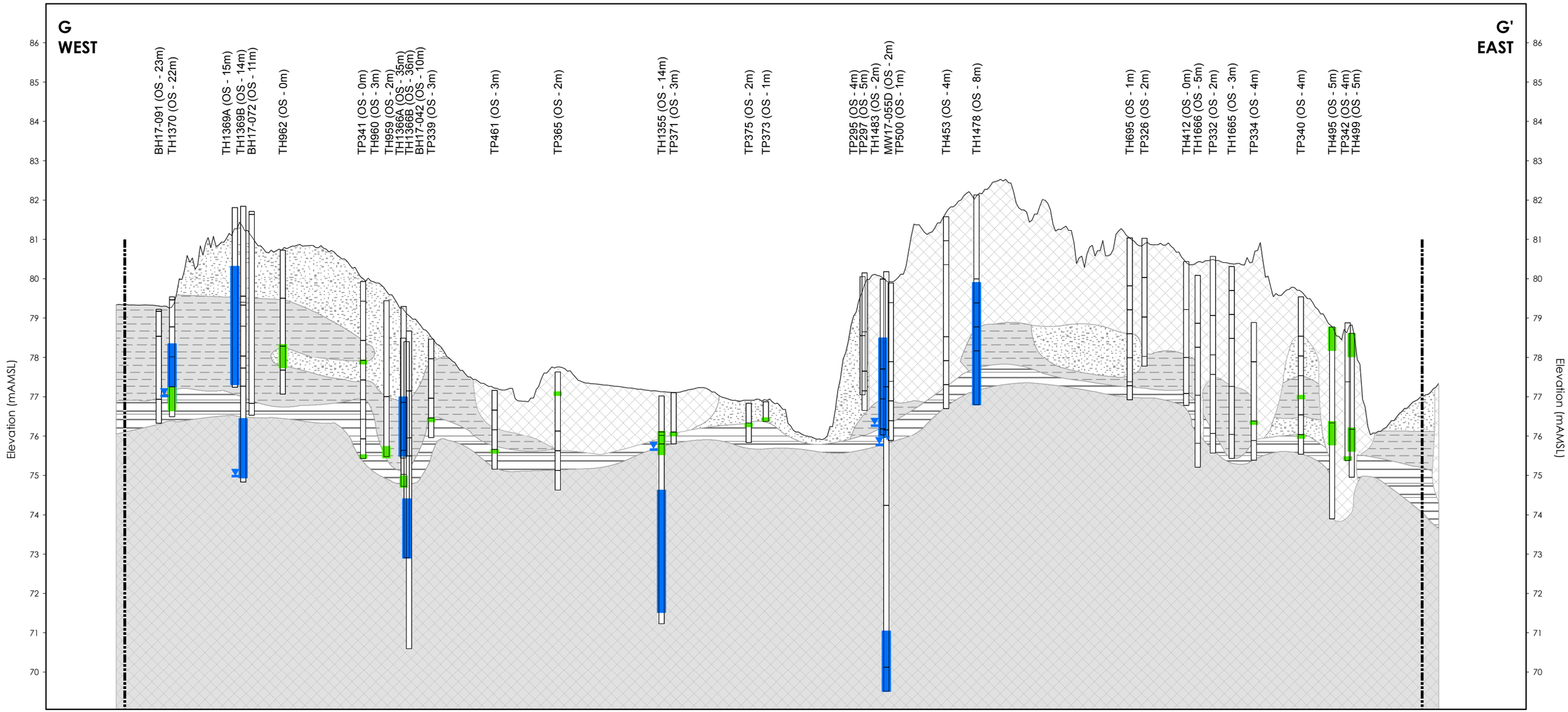
122120255 REVA
Prepared by ccoghlan on 2018-03-02
Techincal Review by NM on 2018-03-02

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

\\Cd1220-f02\work_group\01221\active\122120255\planning\drawing\WXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig35h_XSEC_Section_GG_SO_EC_SAR.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
6. PCBs - Polychlorinated Biphenyls

MW11-15 (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

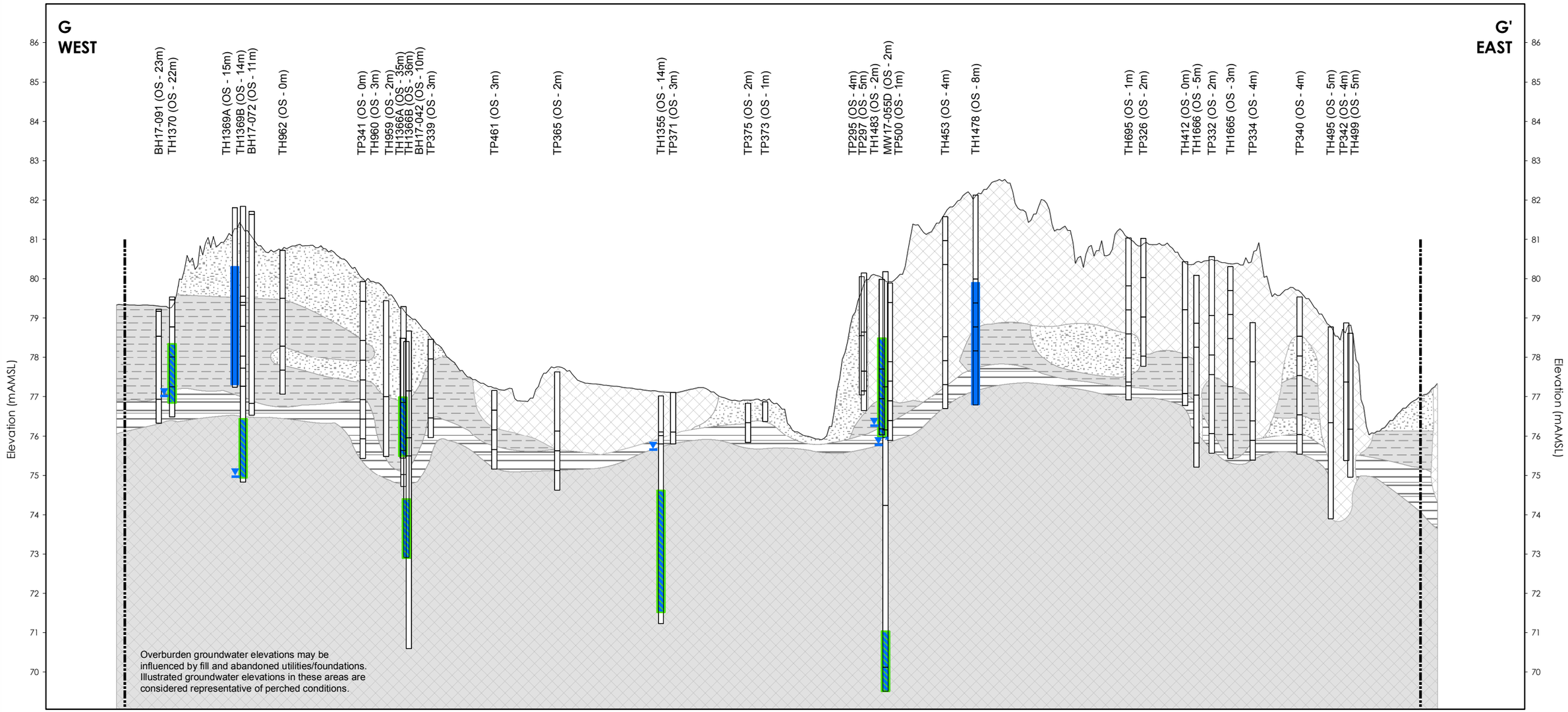
Figure No.

35i

Title

Cross-Section G-G' - Summary of Soil Analytical Results - PCBs

\\ca1224f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase_II_ESA_Fig35_XSEC_Section_GG_SO_PCBs.mxd Revised: 2018-02-22 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. 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

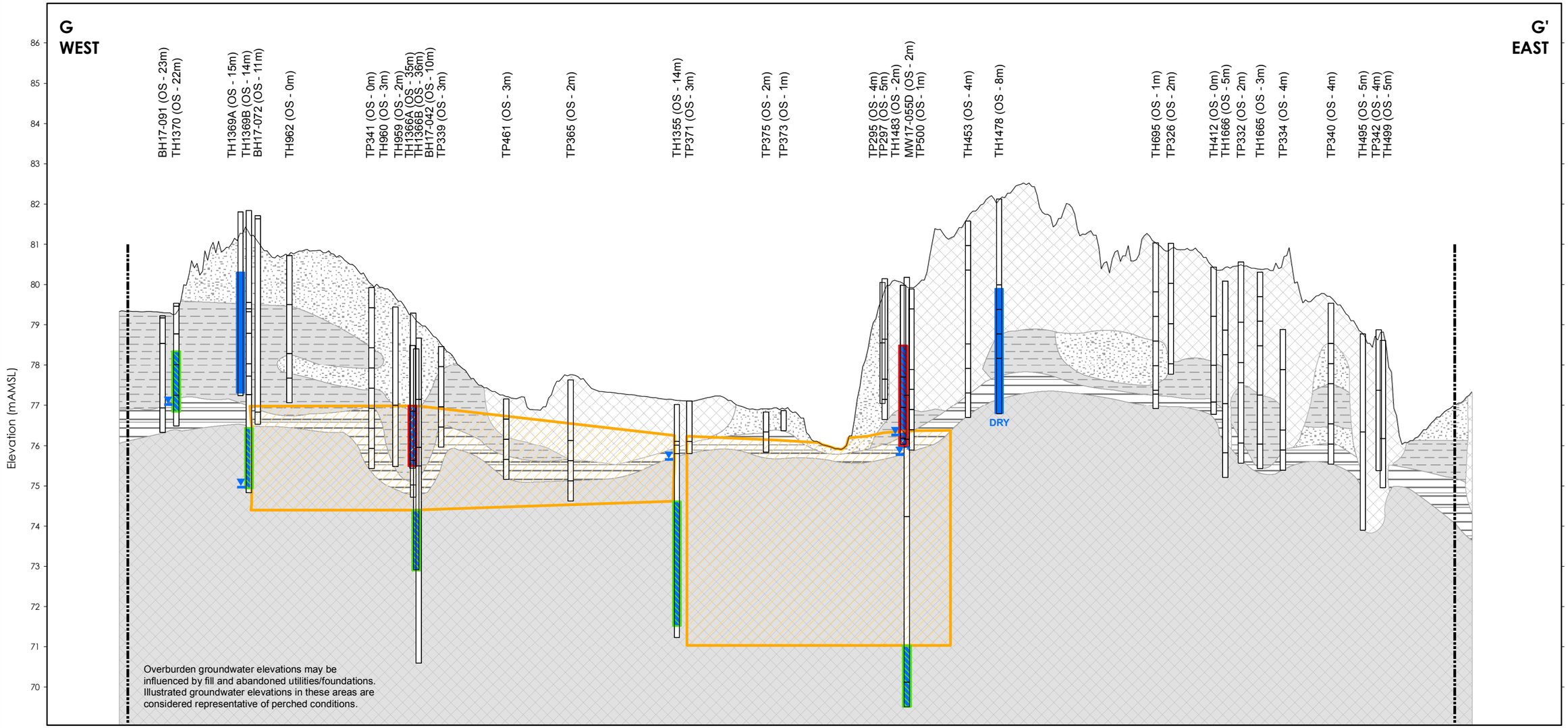
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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

Figure No.
36a

Title
Cross-Section G-G' - Summary of Groundwater Analytical Results - BTEX

\\cd1220-f02\work_group\01221\active\122120255\planning\drawing\MXD\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

MW11-15 (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

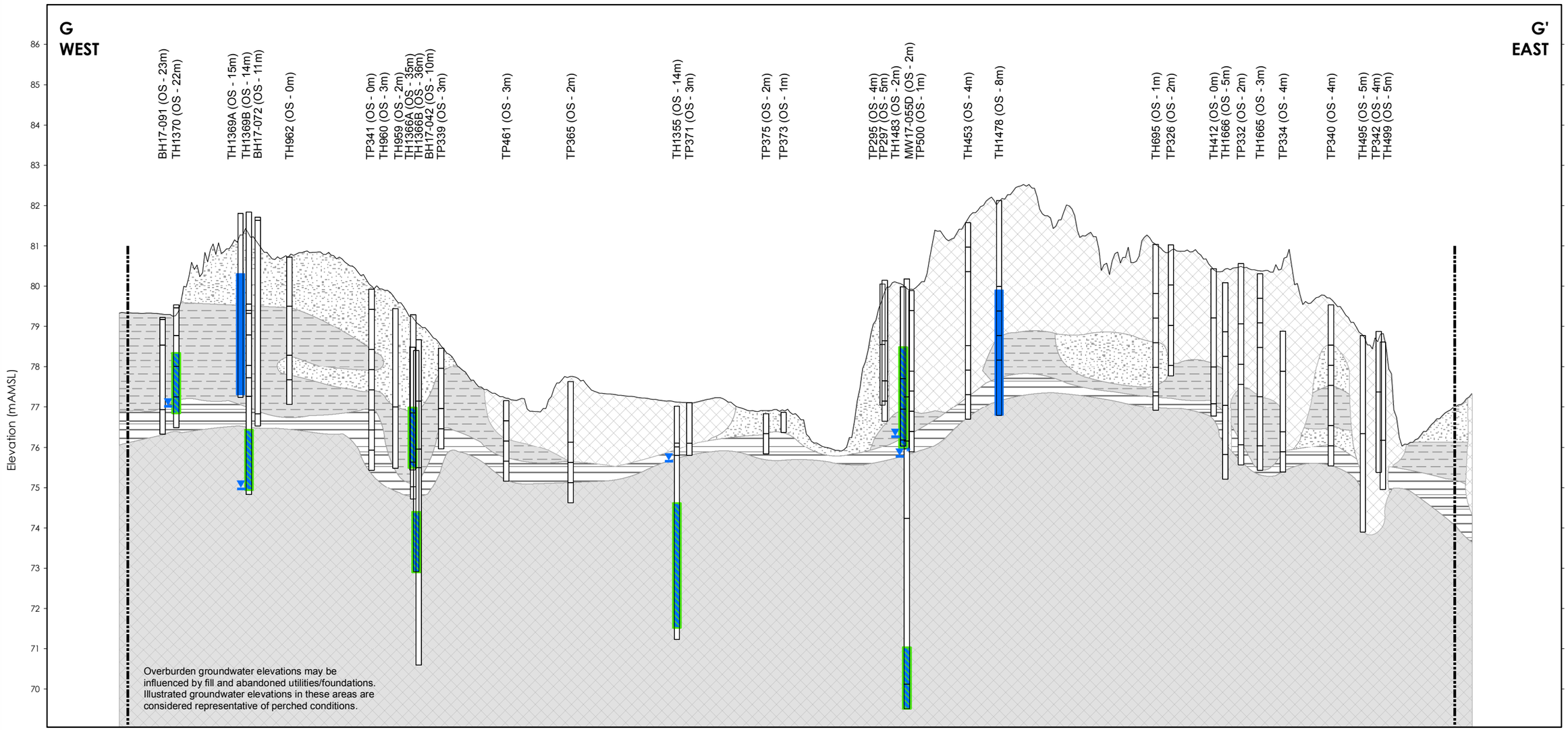
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig36b_XSEC_Section_GG_GW_PHCs.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. 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

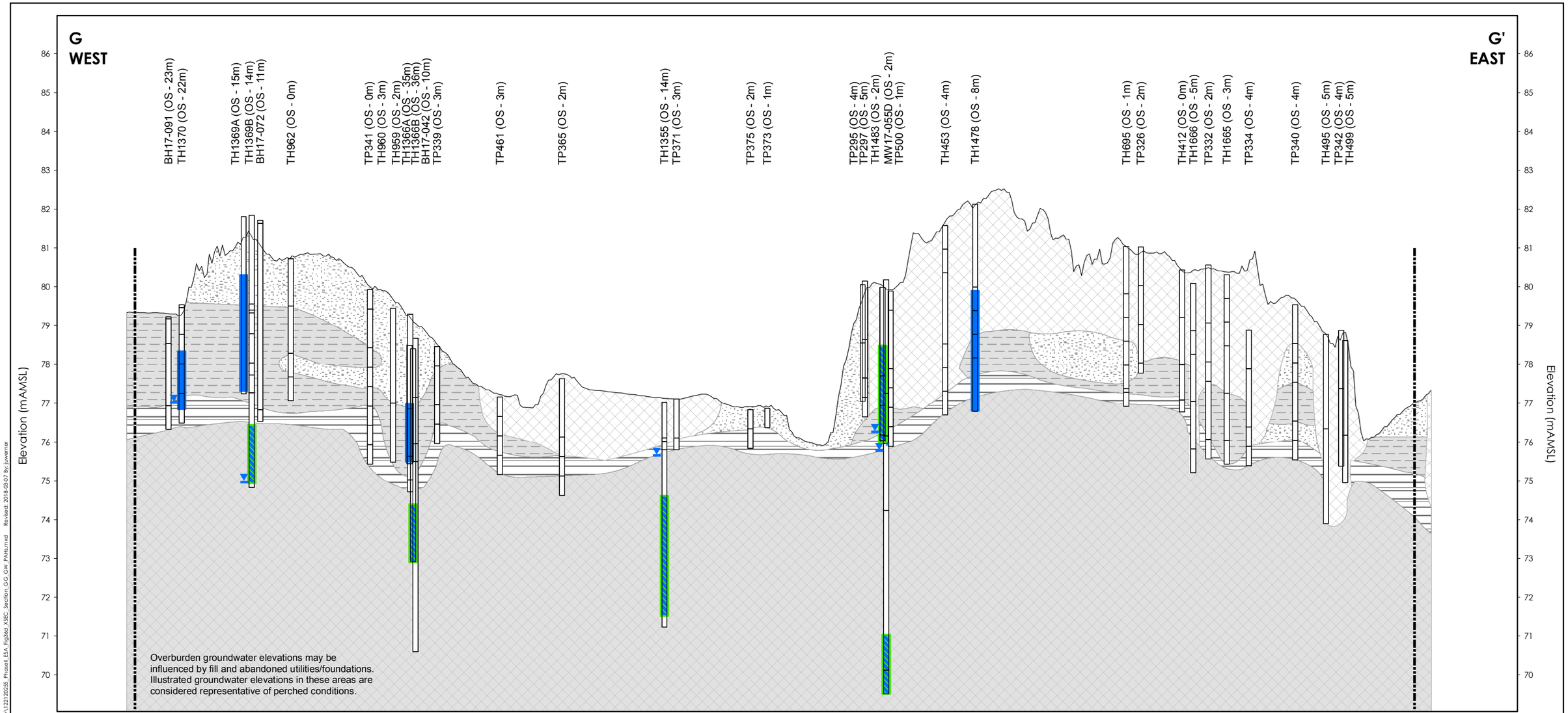
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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\MXD\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

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

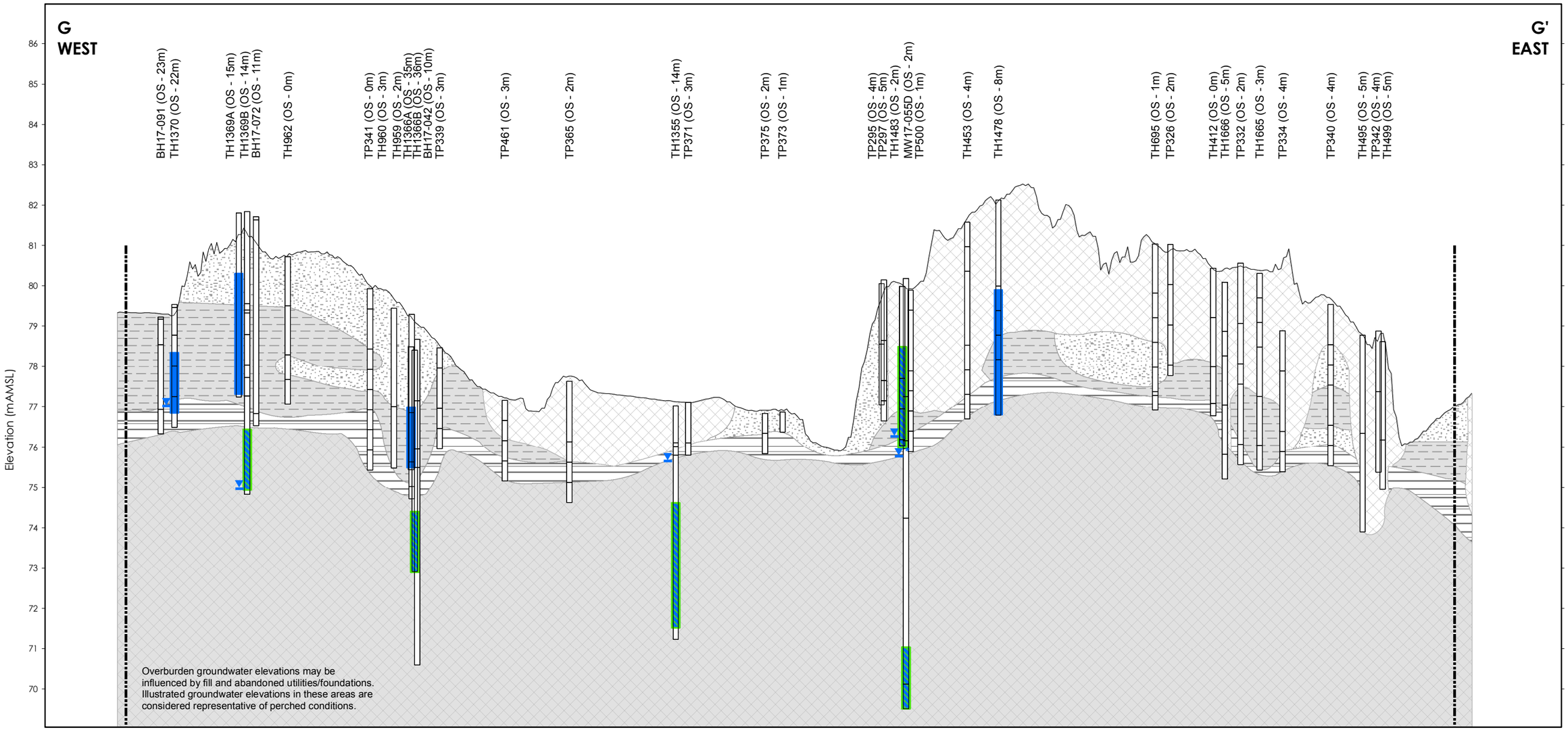
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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\WOD\Phase II_ESA_Summary\122120255_Phase II_ESA_Fig36d_X-SEC_Section G-G_GW_PAHs.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

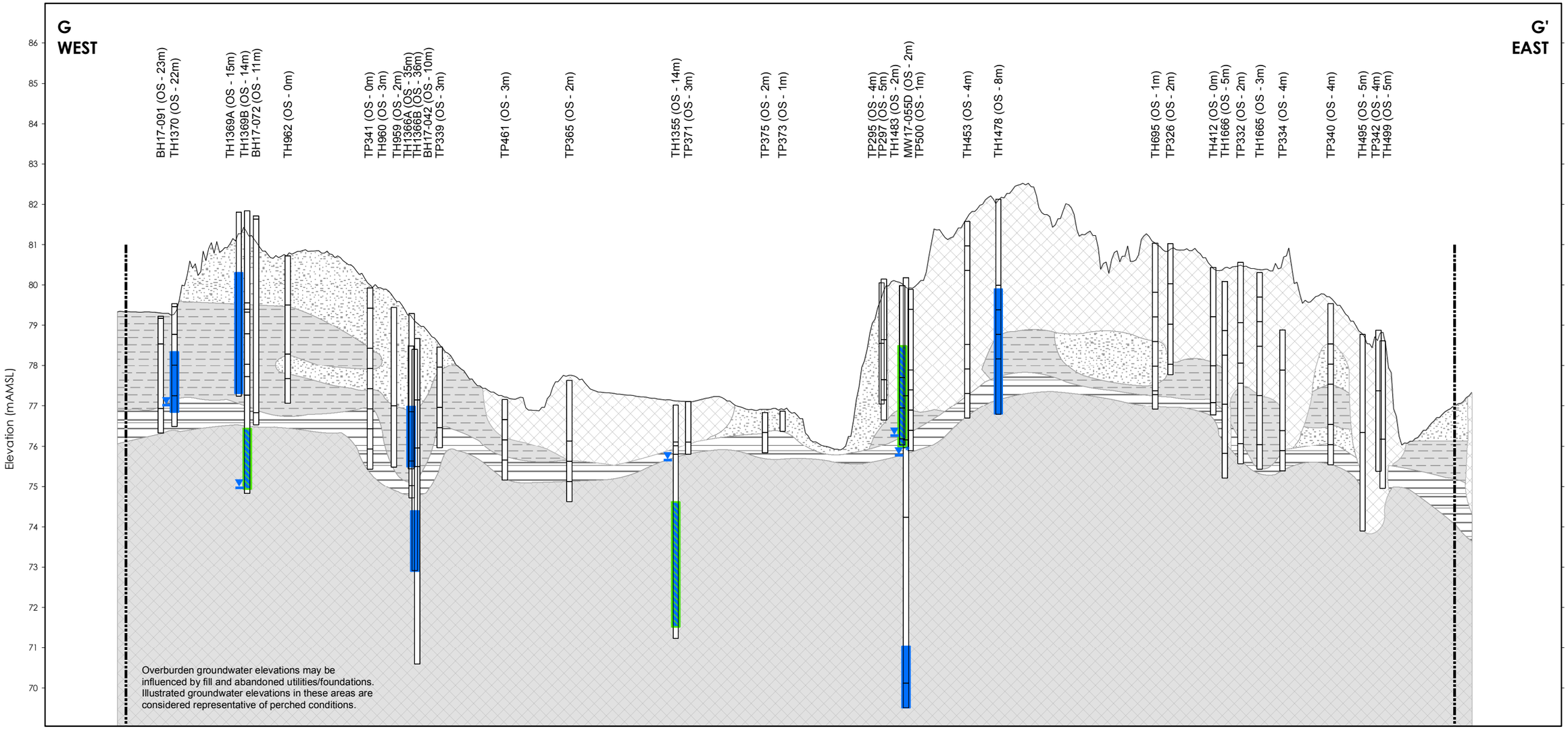
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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

Figure No.
36e

Title
Cross-Section G-G' - 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_Fig36e_XSEC_Section_GG_GW_ABNs.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

MW11-15 (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

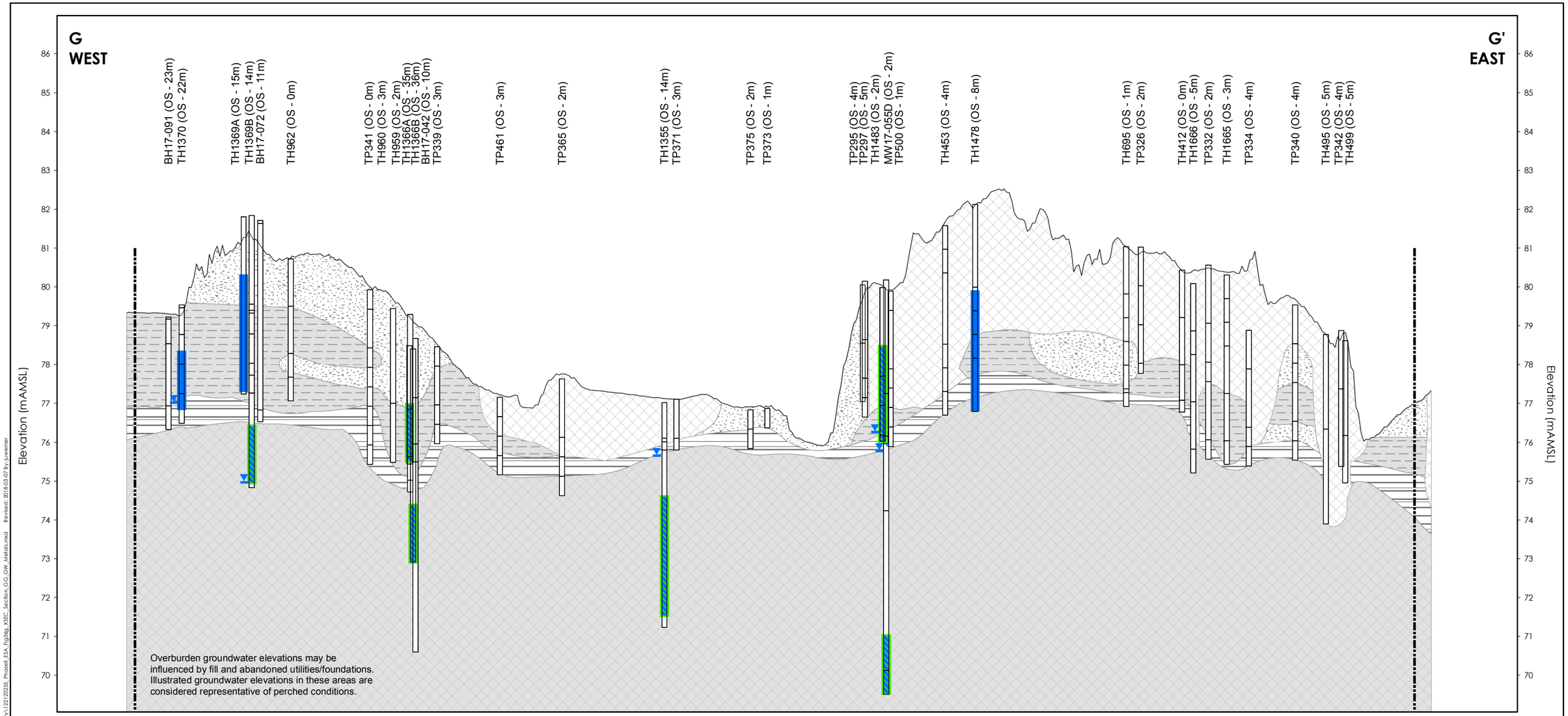
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_Phase II_ESA_Fig36f_XSEC_Section G-G'_GW_CPh.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

MW11-15 (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

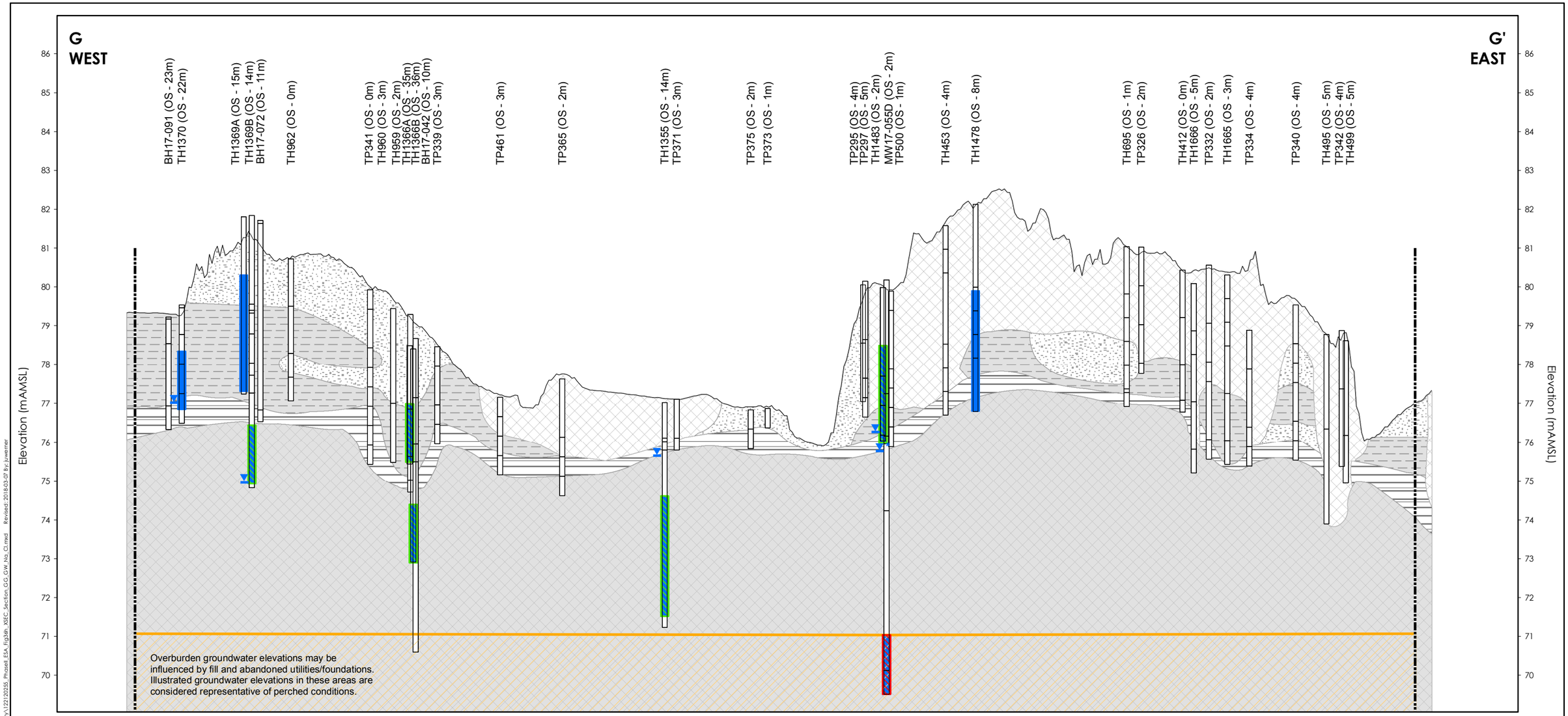
Figure No.

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_Phase II_ESA_Fig36g_XSEC_Section_GG_GW_Metals.mxd Revised: 2018-03-07 By: juwerner



Notes
1. Coordinate System: NAD 1983 UTM Zone 17N
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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

MW11-15 (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

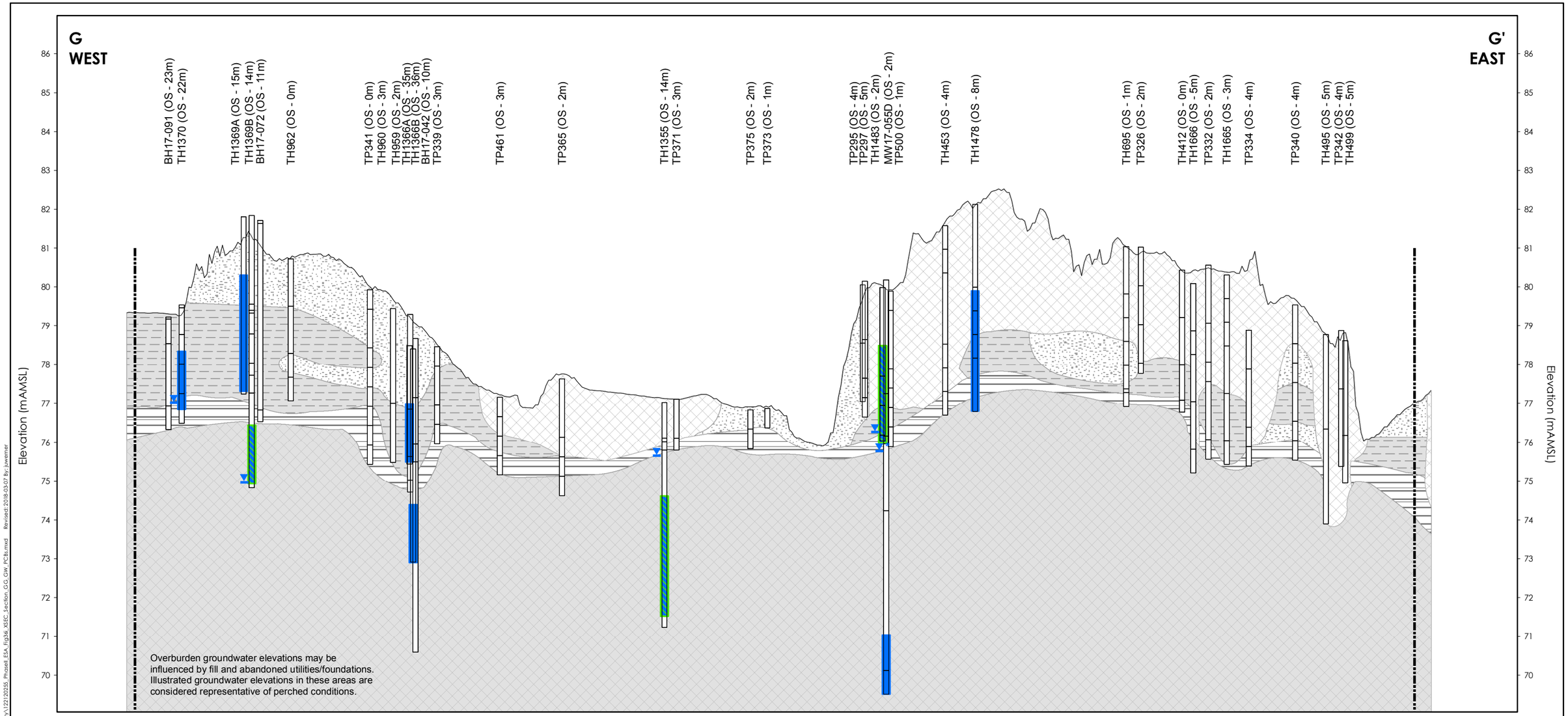
122120255 REVA
Prepared by juwerner on 2018-03-07
Techincal Review by NM on 2018-03-07

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



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

MW11-15 (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

\\ca1224-f02\work_group\01221\active\122120255\planning\drawing\MXD\Phase_II_ESA_Summary\122120255_PhaseII_ESA_Fig36_XSEC_Section_G-G_GW_PCBs.mxd Revised 2018-03-07 By: juwerner