

Appendix 1:

2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

Page

A1-CL-3 – A1-CL-65

This document contains 2D Profiles of the MCWD 2017 and 2019 AEM-derived Chloride Concentrations based on *Fitterman and Prinos (2011) with lithological logs for comparison and validation.

Each page has a flight line location map with lithological logs (blue dots) and 2D AEM-derived chloride concentration profiles from 2017 (top) and 2019 (bottom) with overlain lithological logs. The dashed grey line is the indication of the 0.6 Cumulative Sensitivity-based Depth of Investigation (DOI). In the area of the former Fort Ord the dashed red line is the top of the water table based on the 75 ohm-m delimiter.

*Fitterman, D.V., and Prinos, S.T., 2011, Results of time-domain electromagnetic soundings in Miami-Dade and southern Broward Counties, Florida: U.S. Geological Survey Open-File Report 2011–1299, 289 p. <https://pubs.usgs.gov/of/2011/1299/>

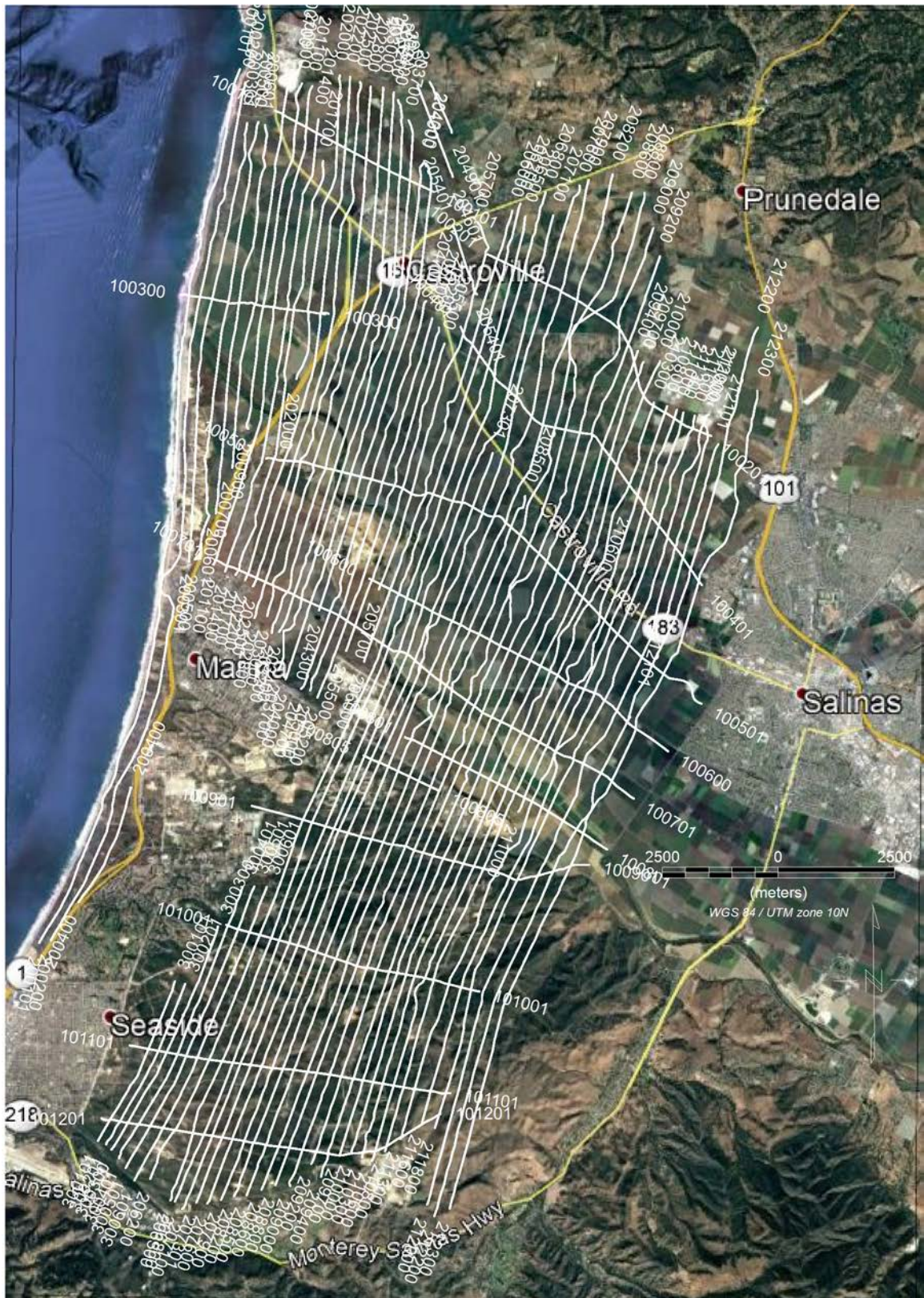
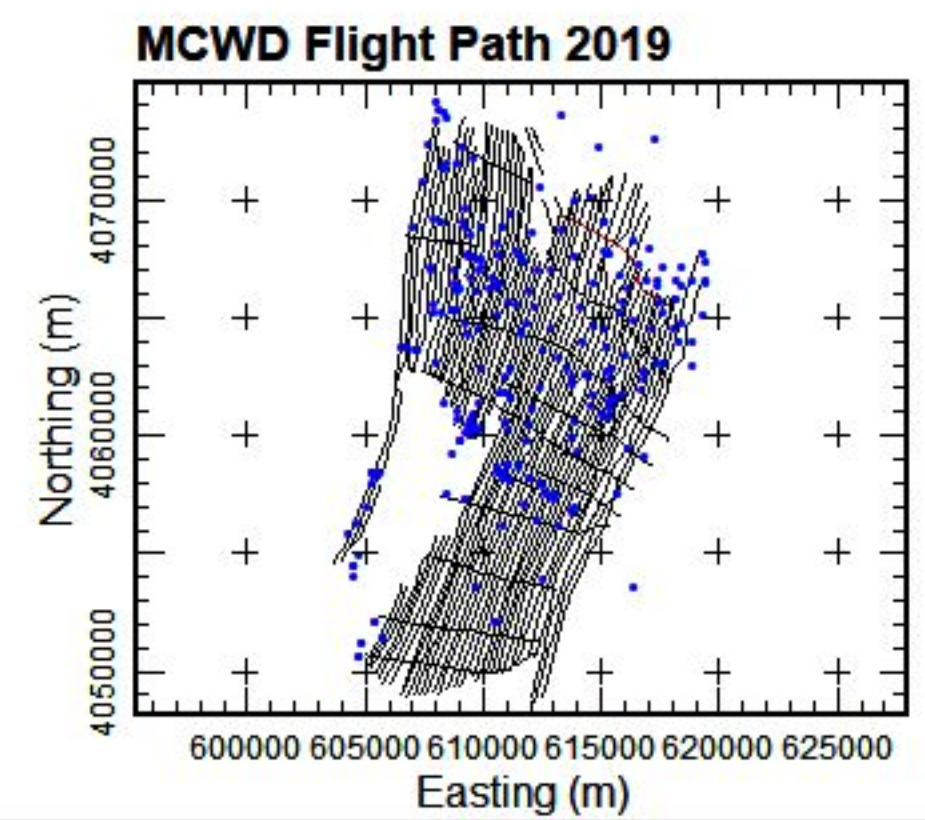
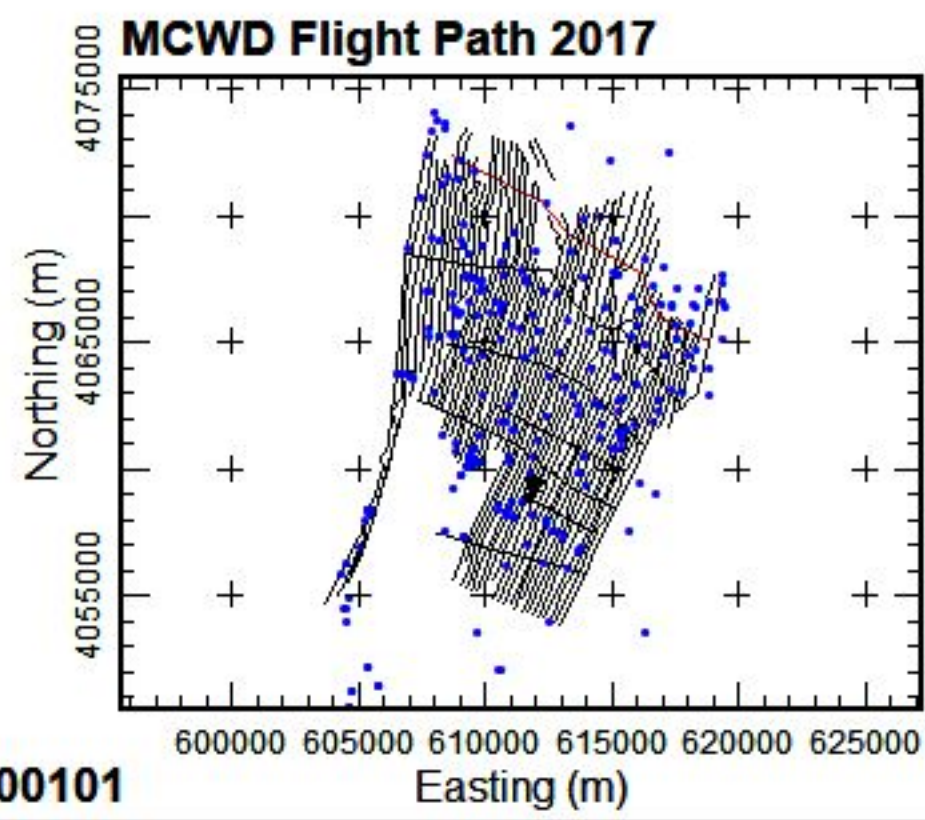


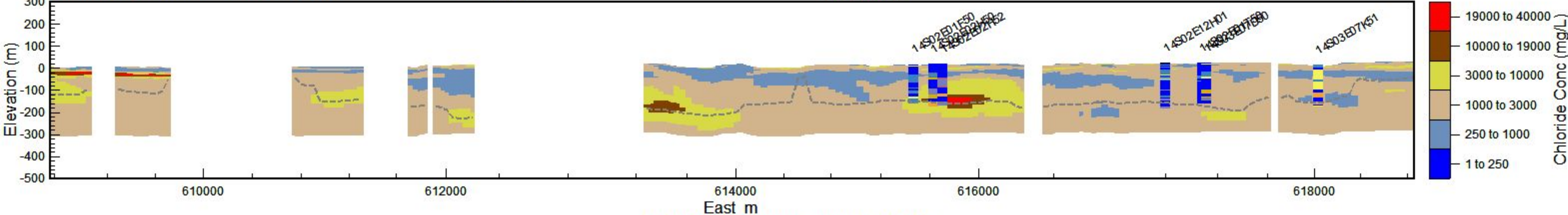
Figure A1-CL-1. Map of 2019 MCWD AEM flight lines with labels.

Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

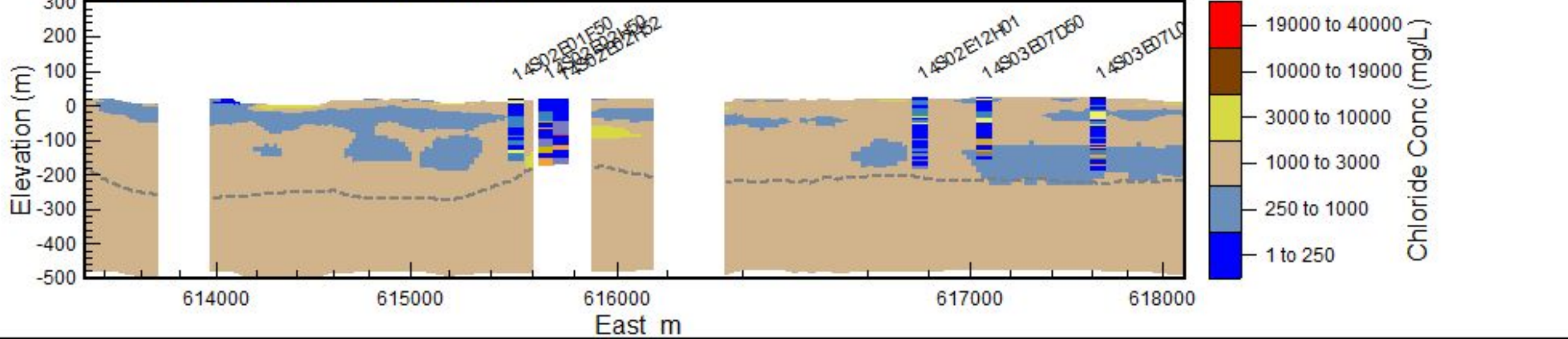


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

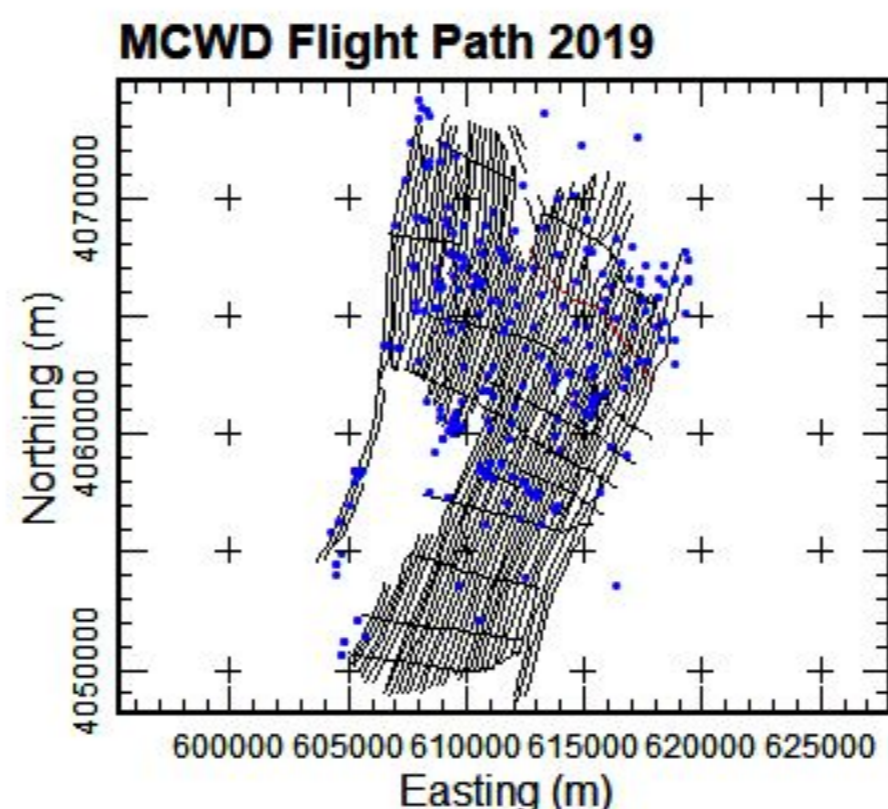
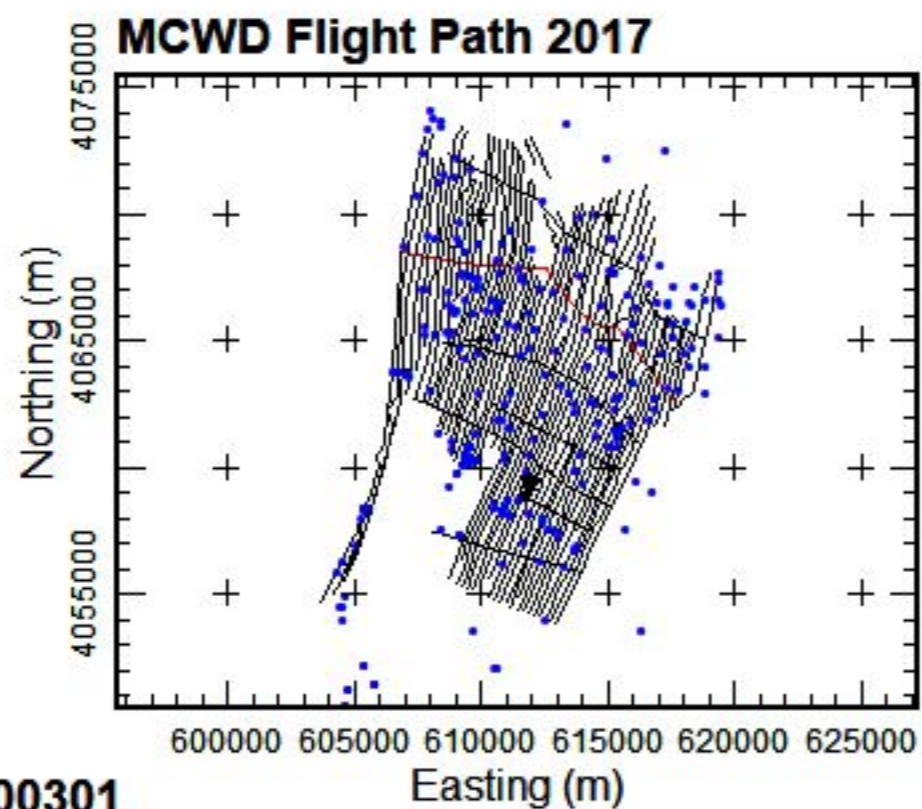
2017 MCWD Profile Line L100101



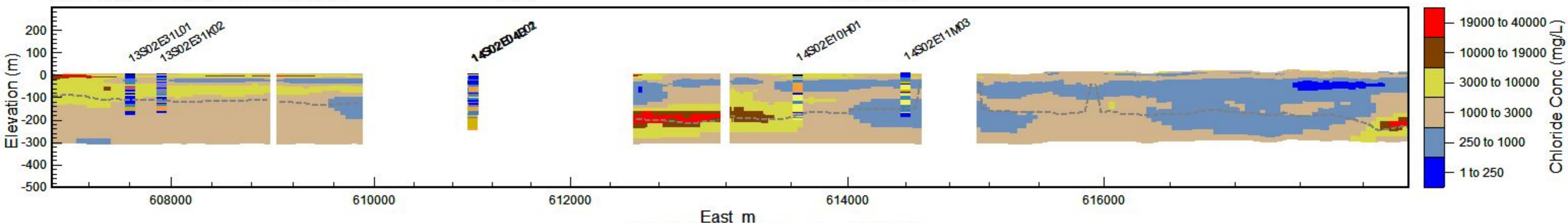
2019 MCWD Profile Line L100201



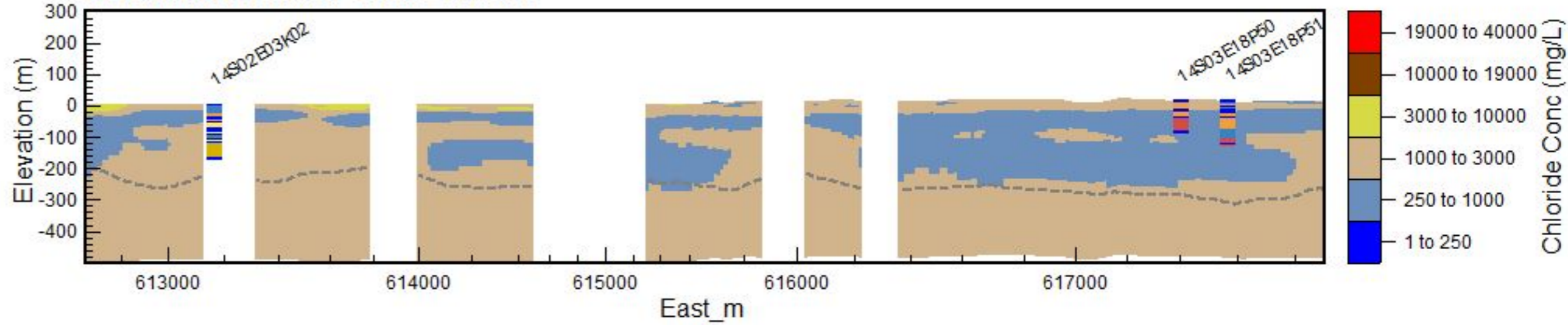
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



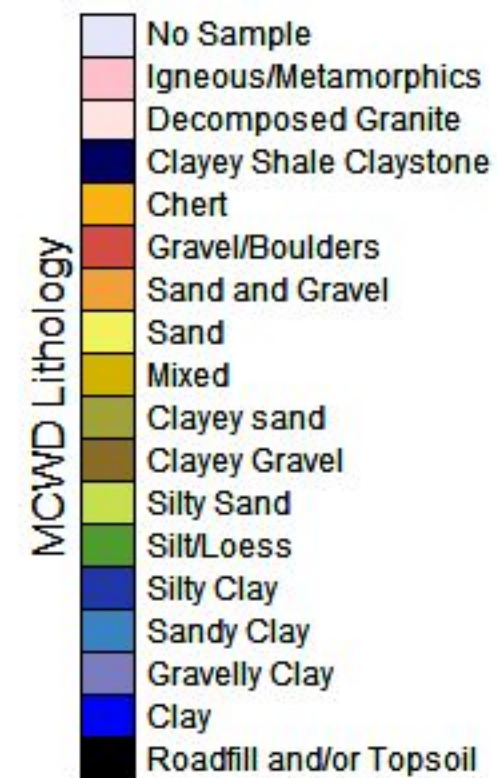
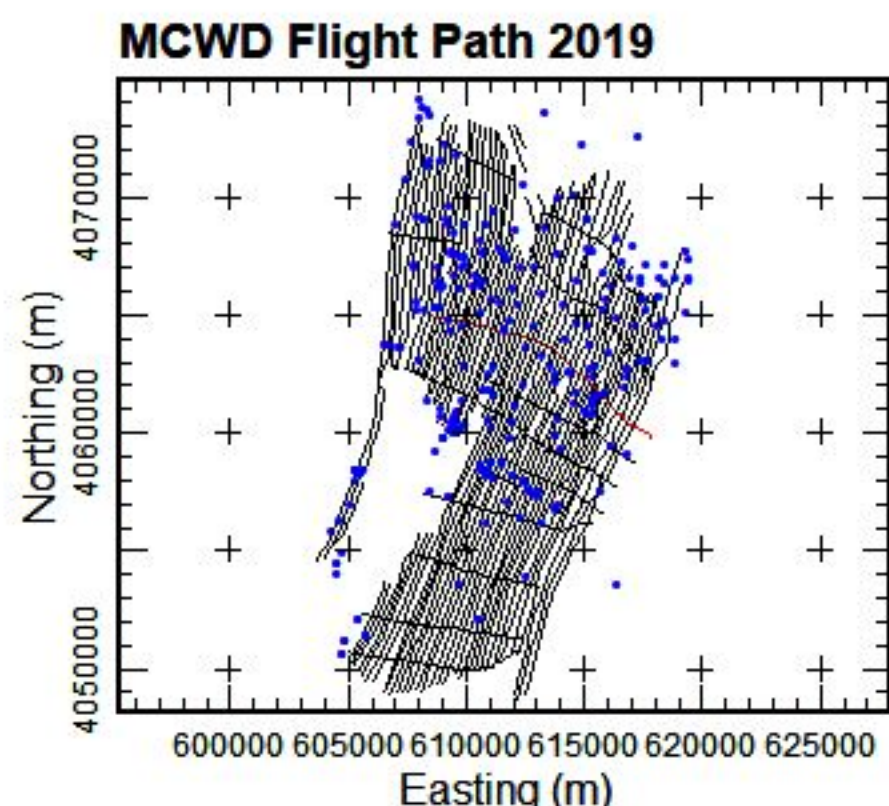
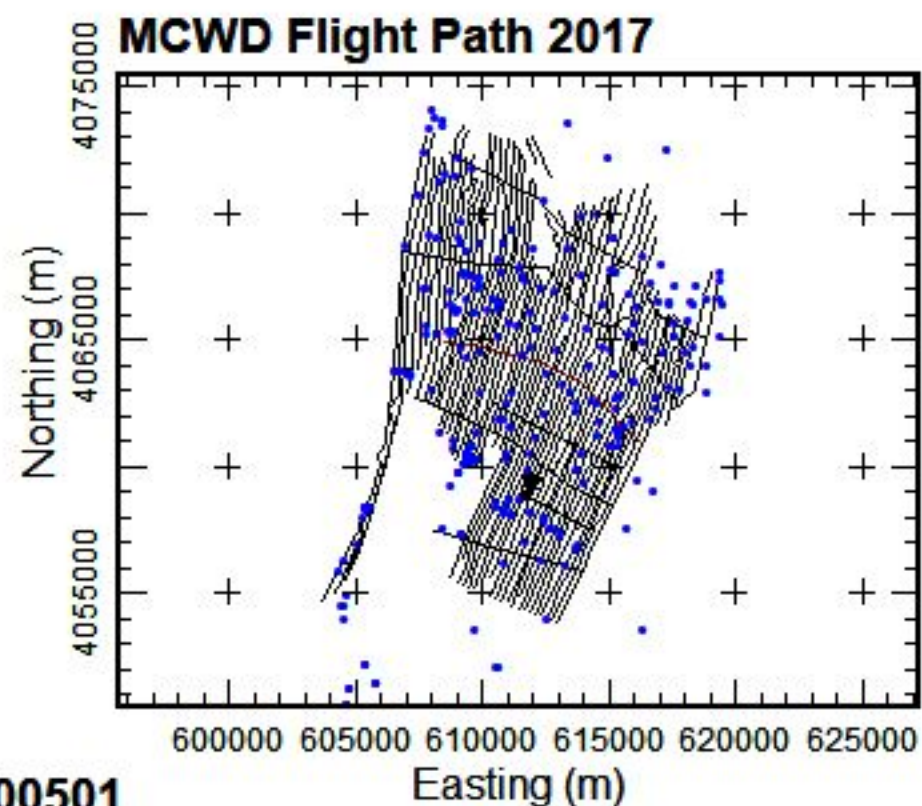
2017 MCWD Profile Line L100301



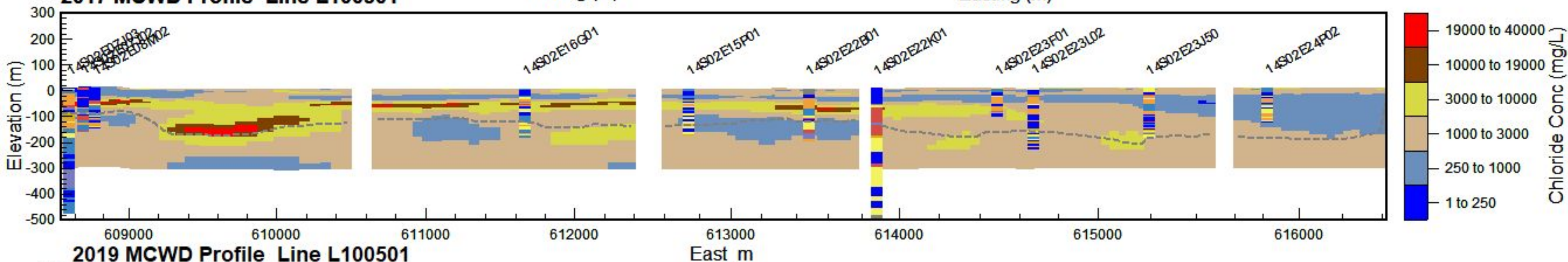
2019 MCWD Profile Line L100401



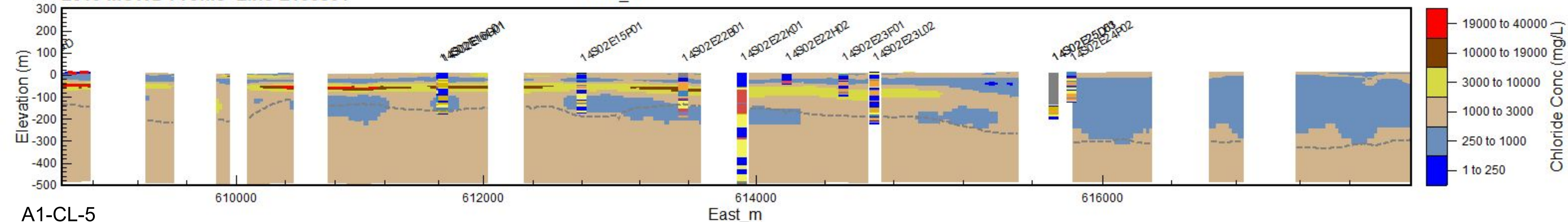
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



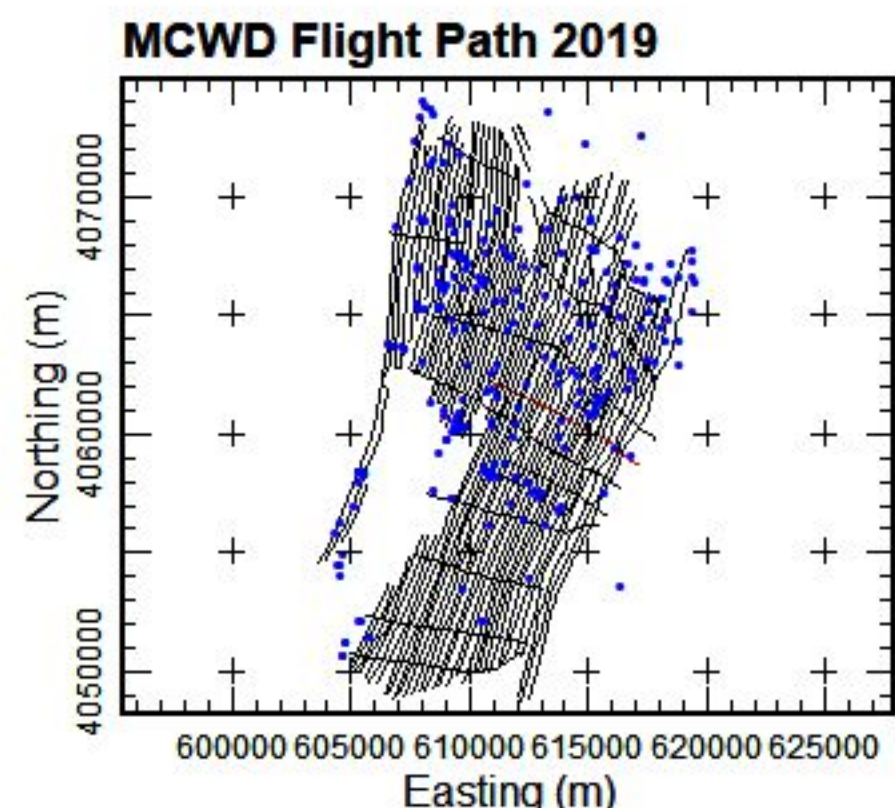
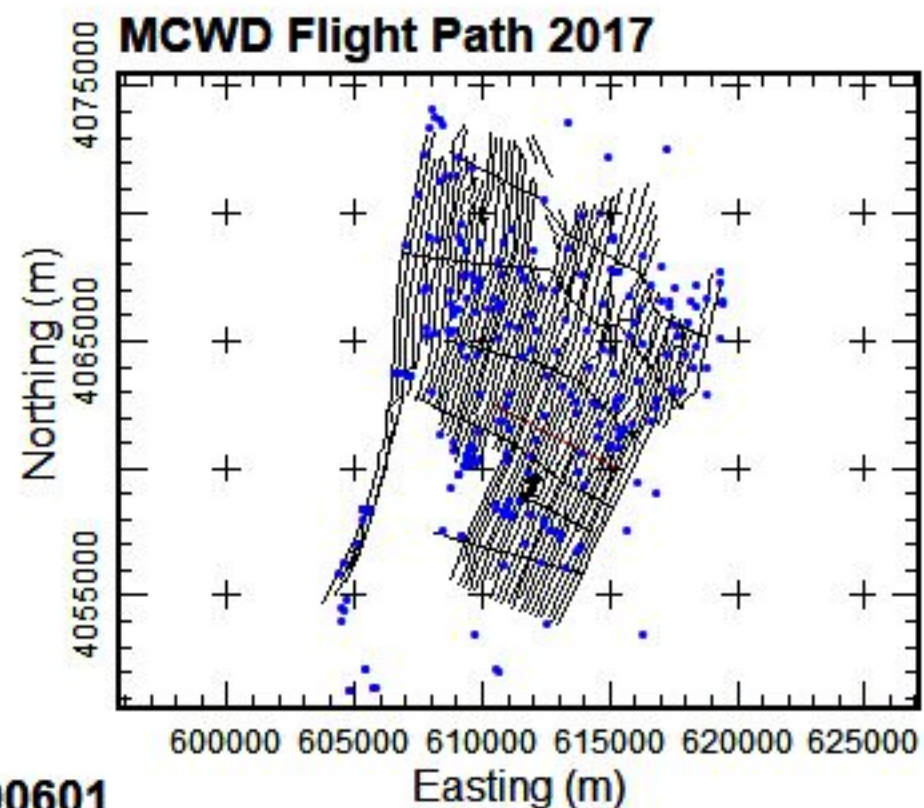
2017 MCWD Profile Line L100501



2019 MCWD Profile Line L100501

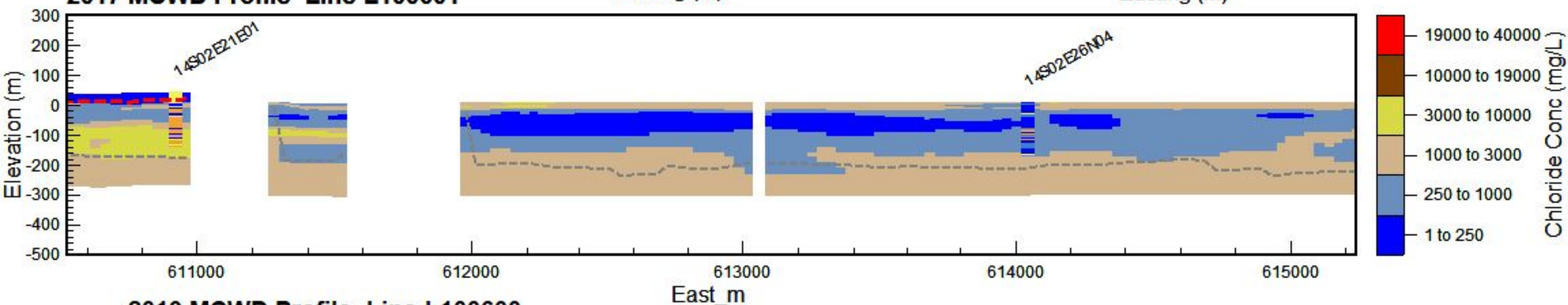


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

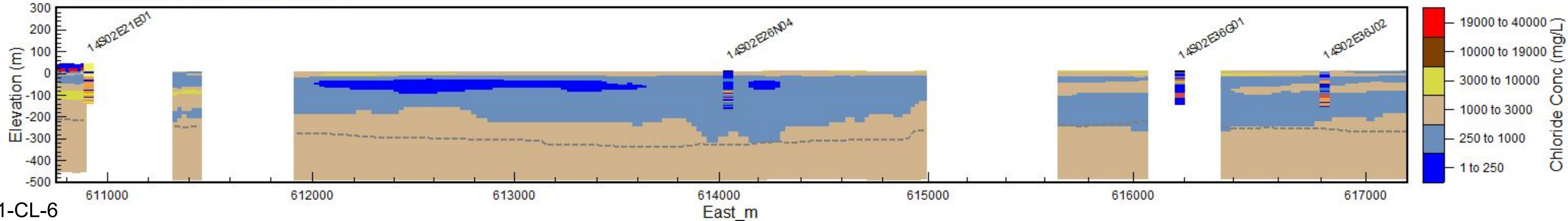


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

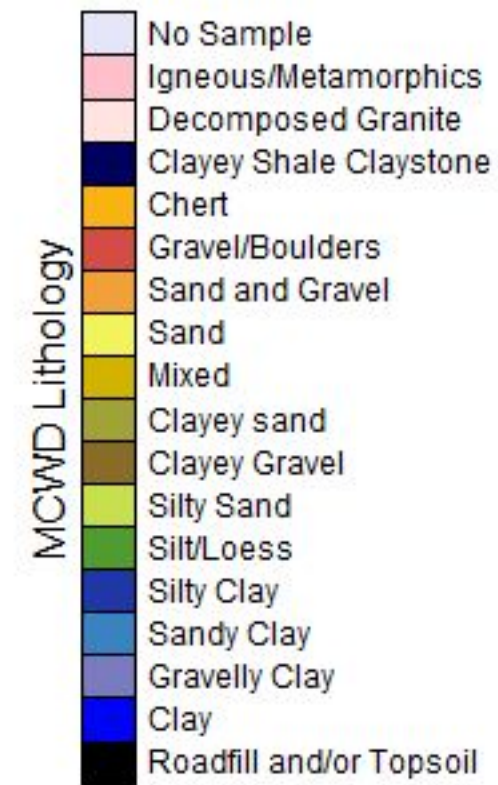
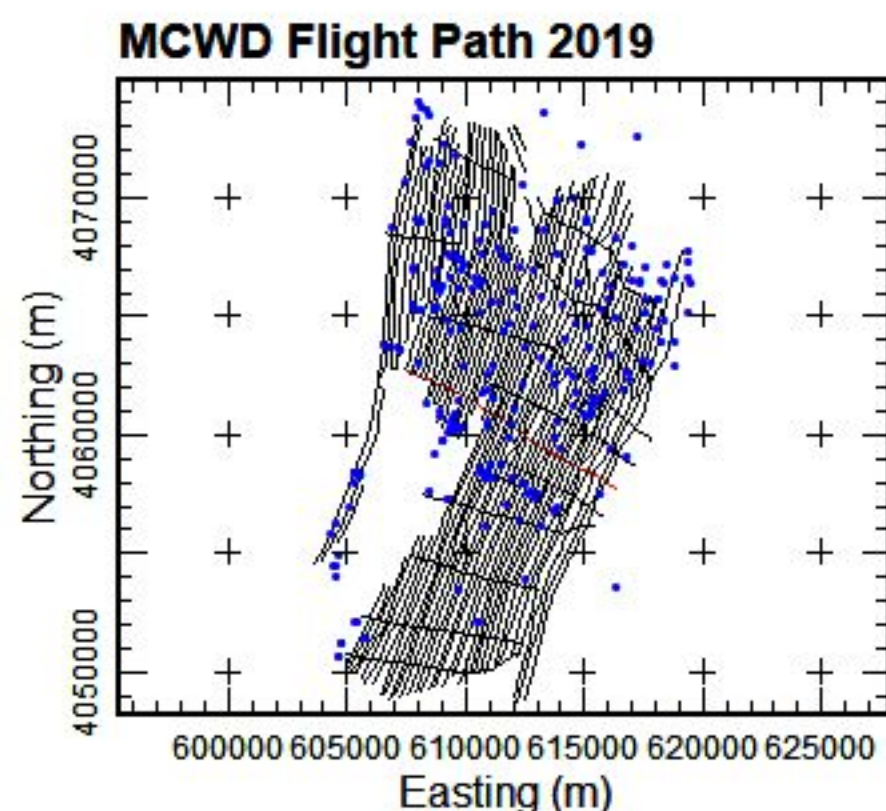
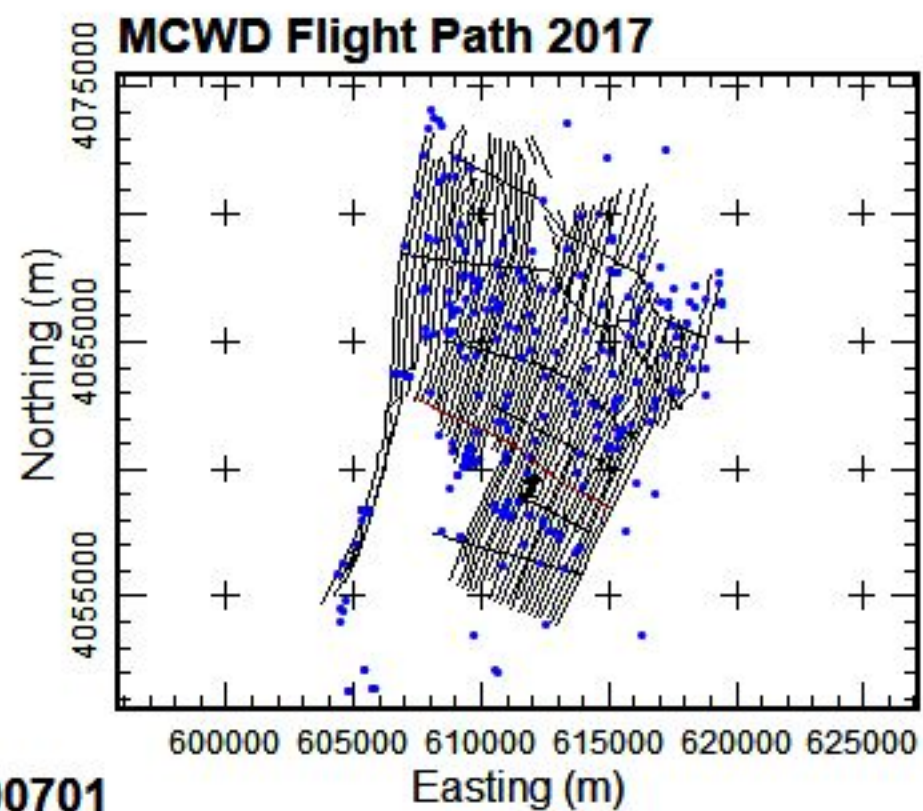
2017 MCWD Profile Line L100601



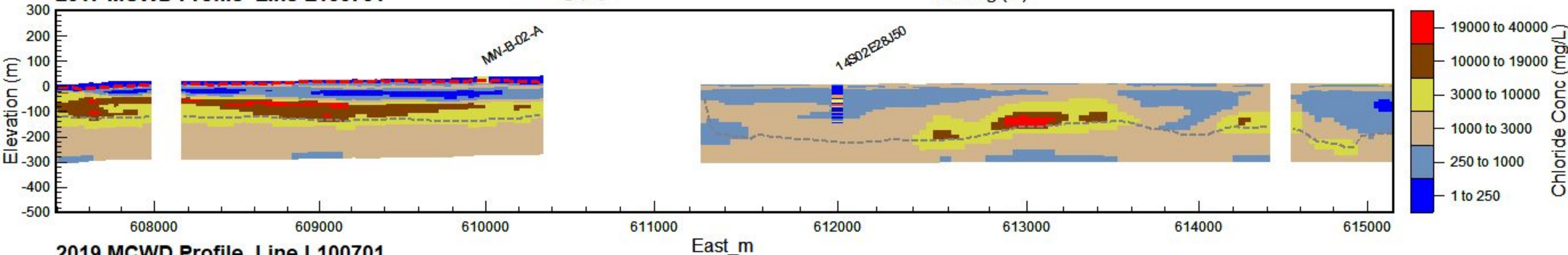
2019 MCWD Profile Line L100600



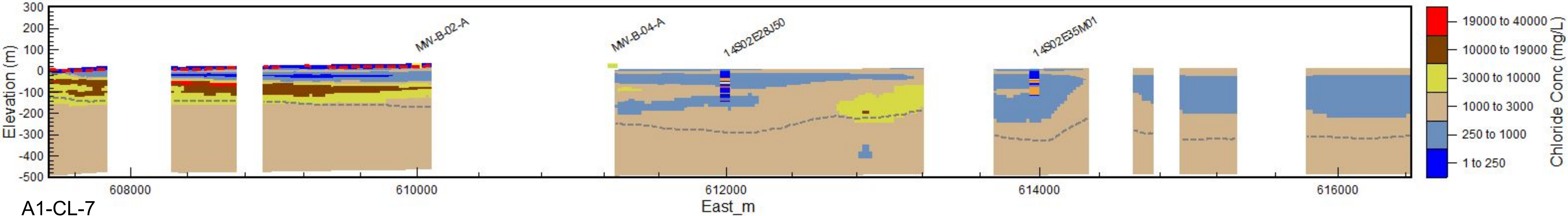
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



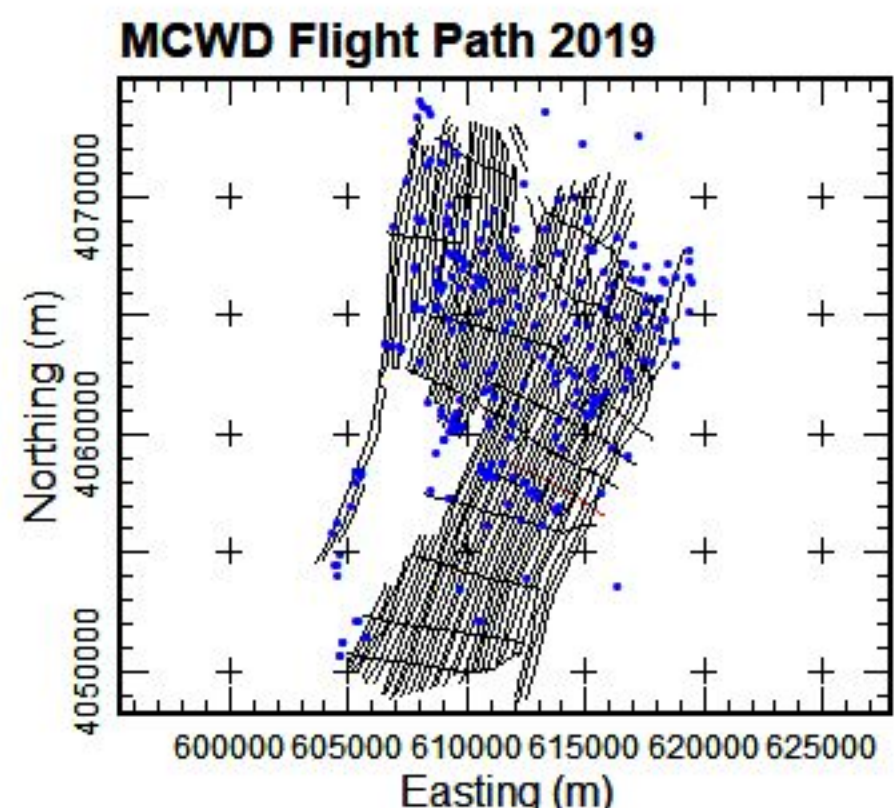
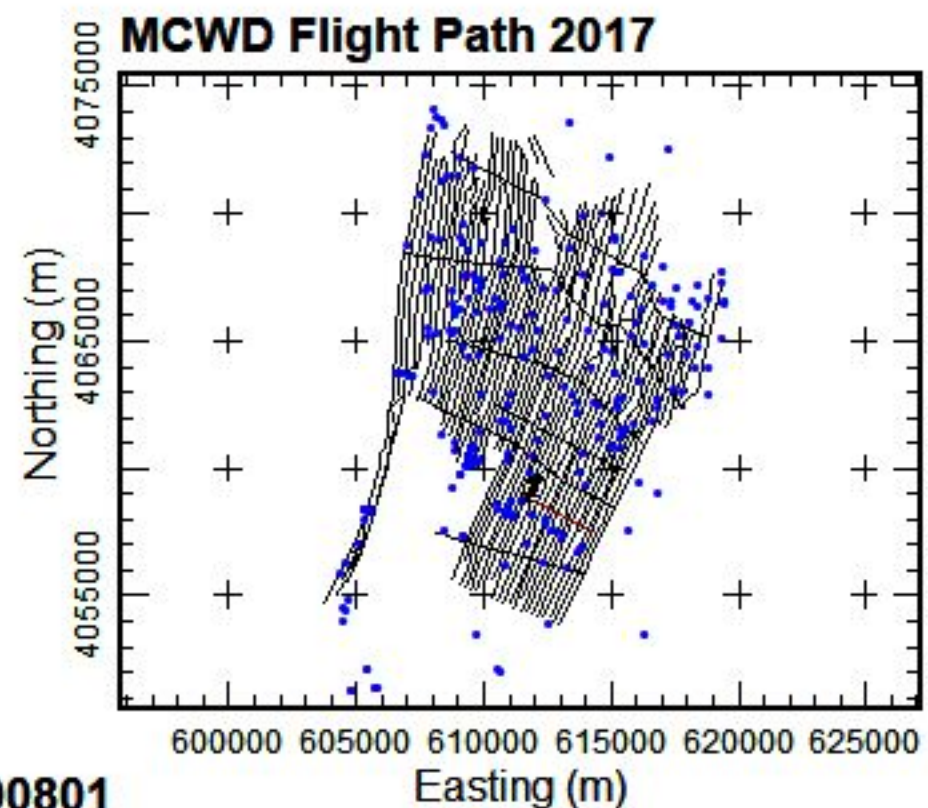
2017 MCWD Profile Line L100701



2019 MCWD Profile Line L100701

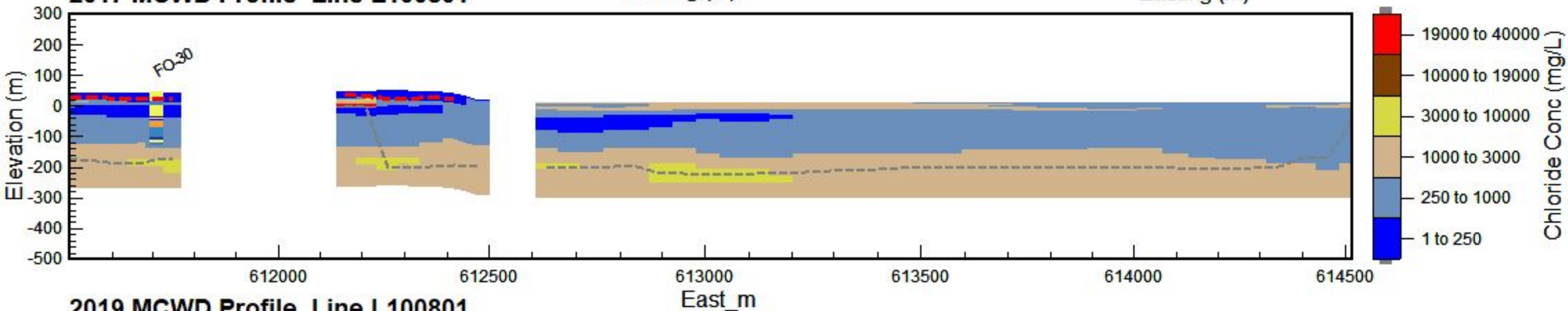


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

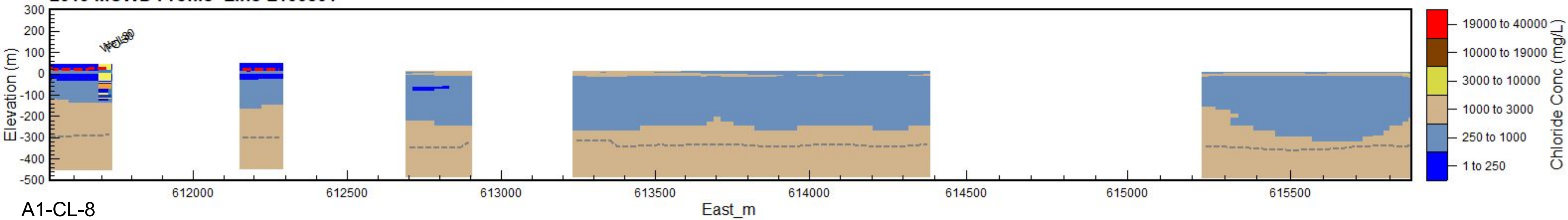


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

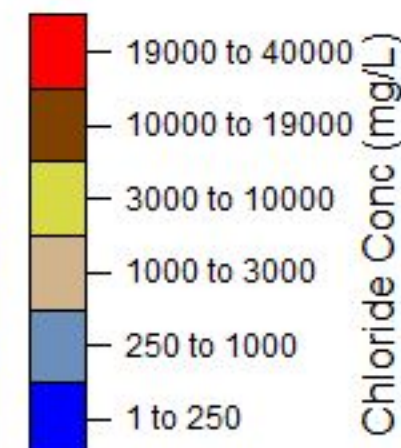
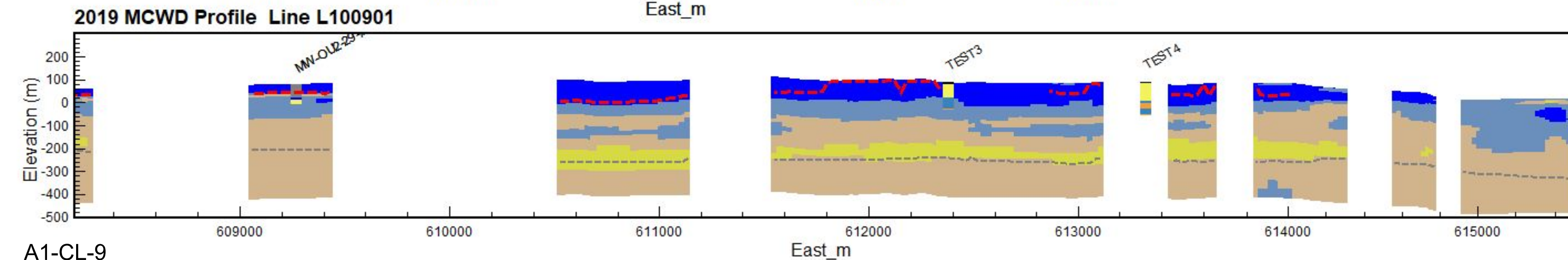
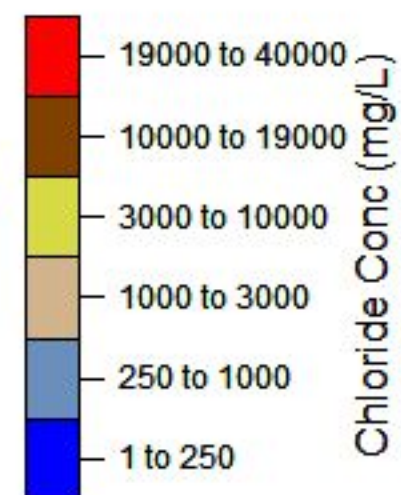
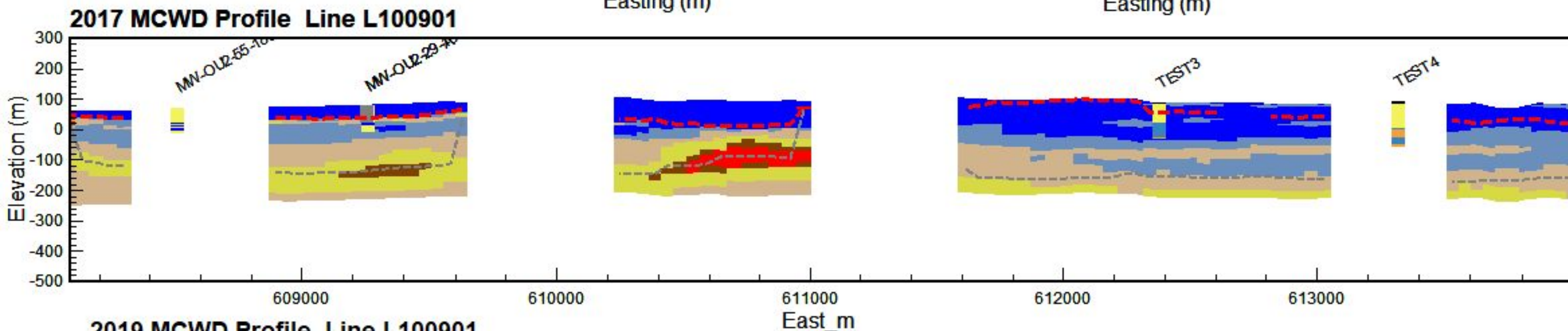
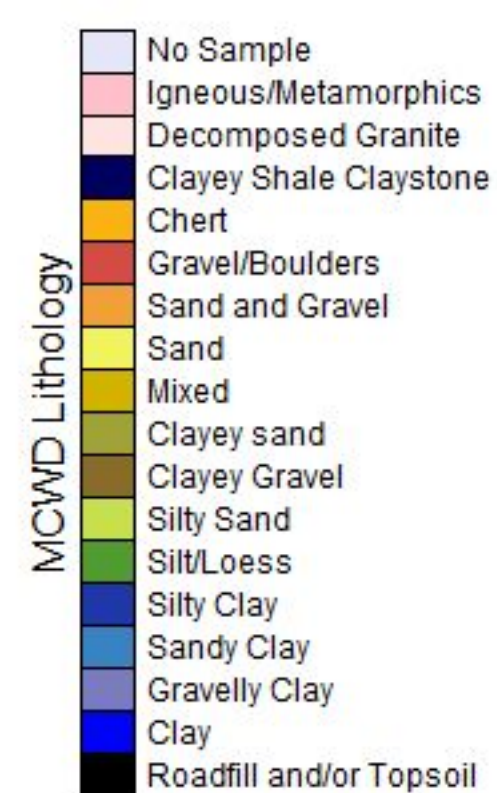
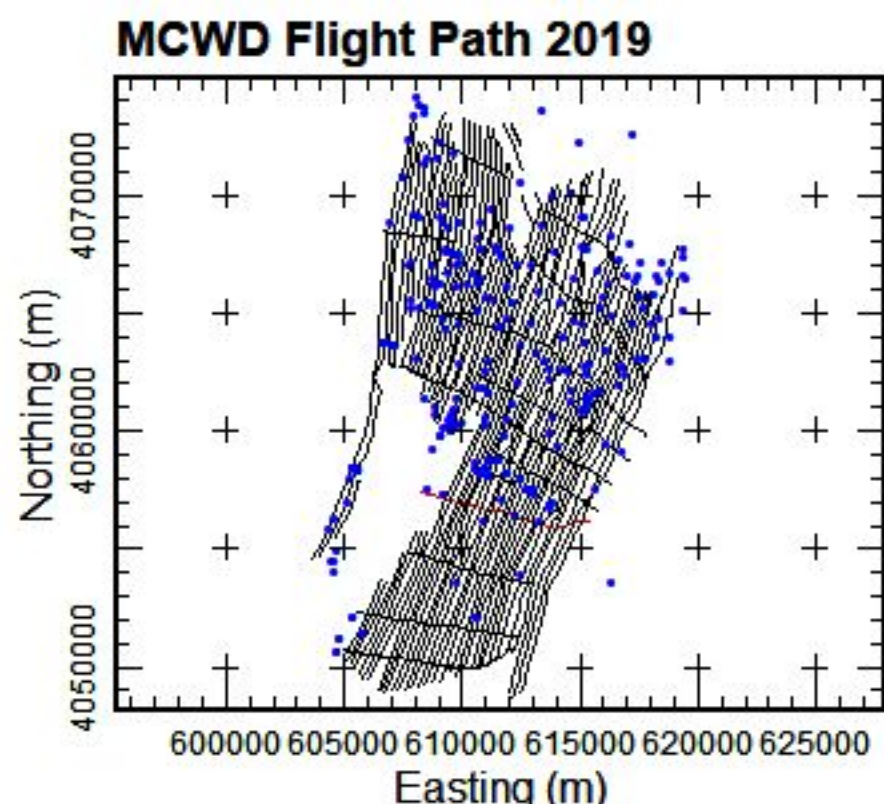
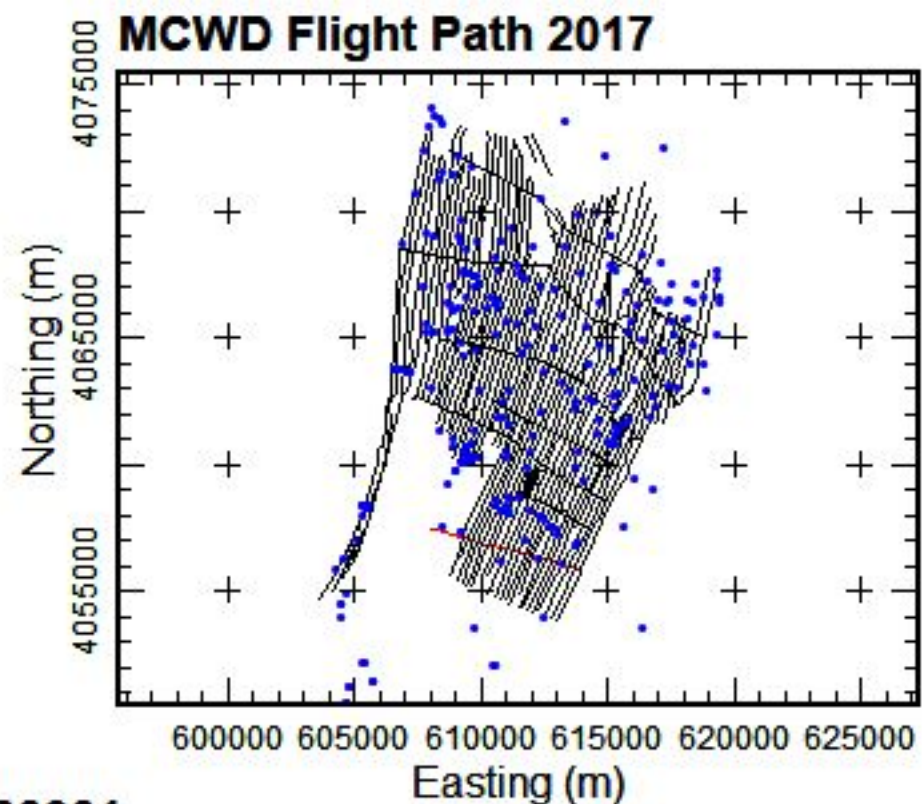
2017 MCWD Profile Line L100801



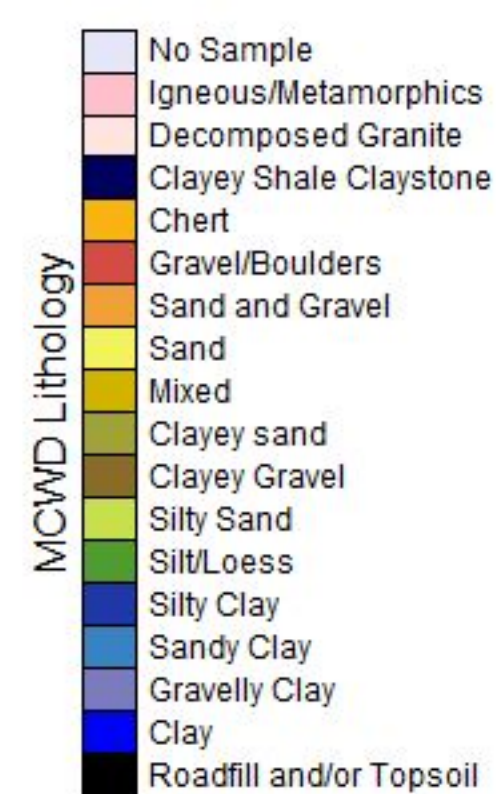
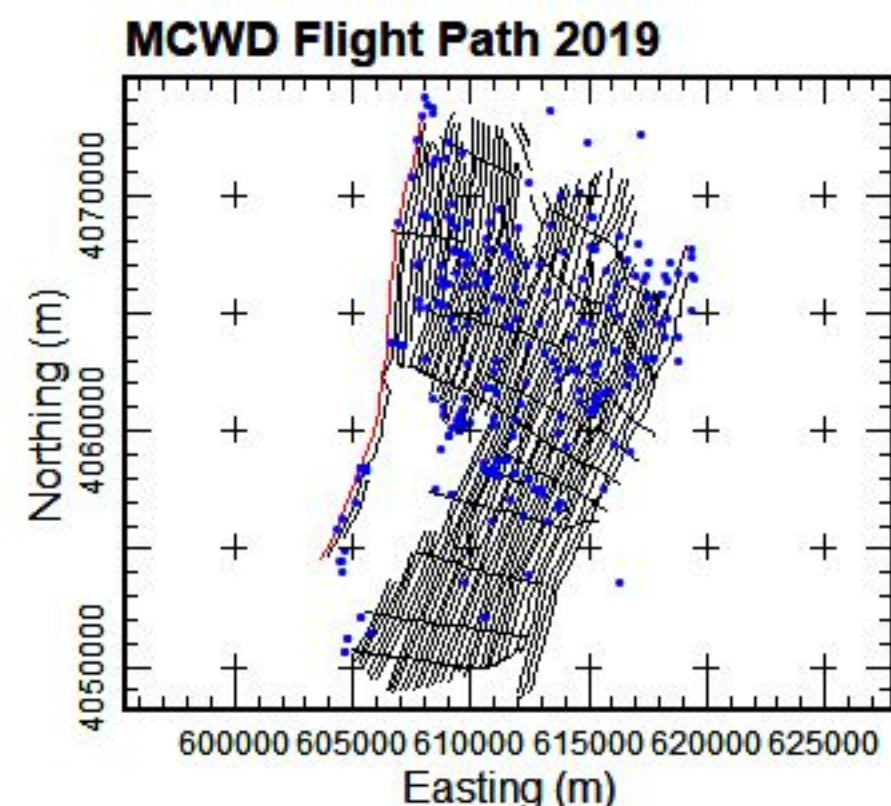
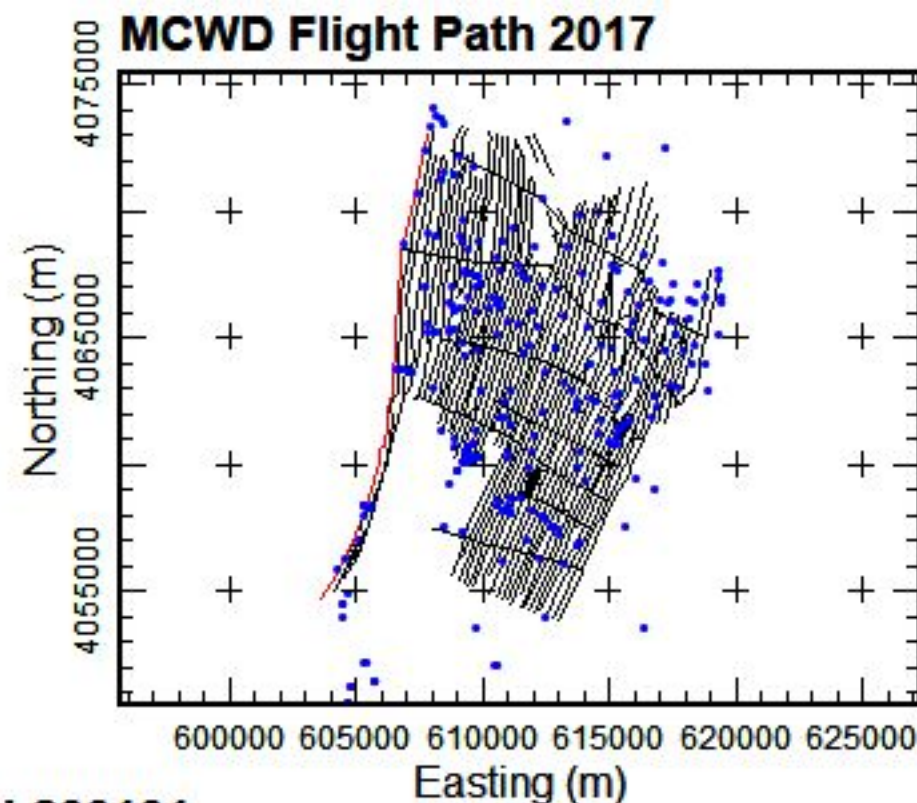
2019 MCWD Profile Line L100801



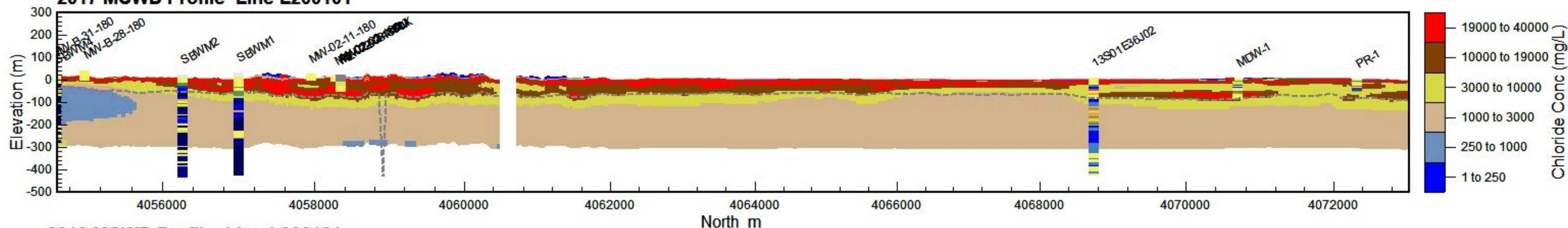
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



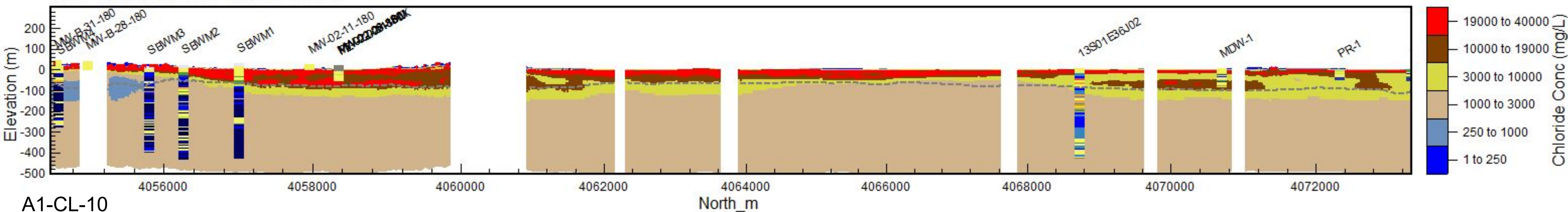
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



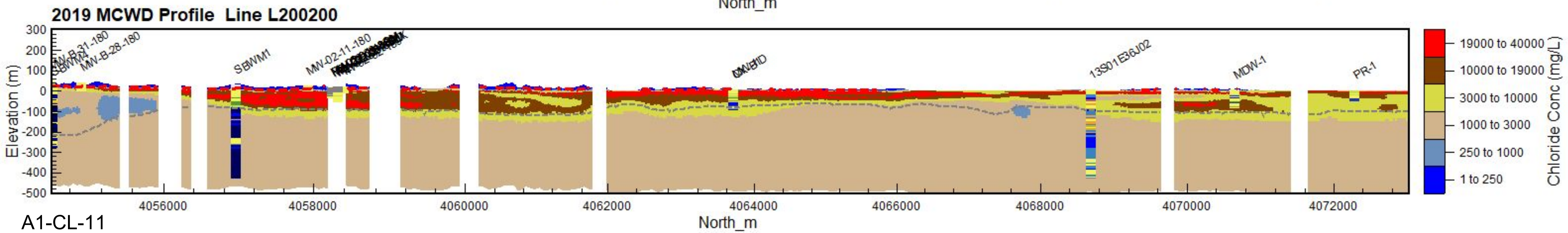
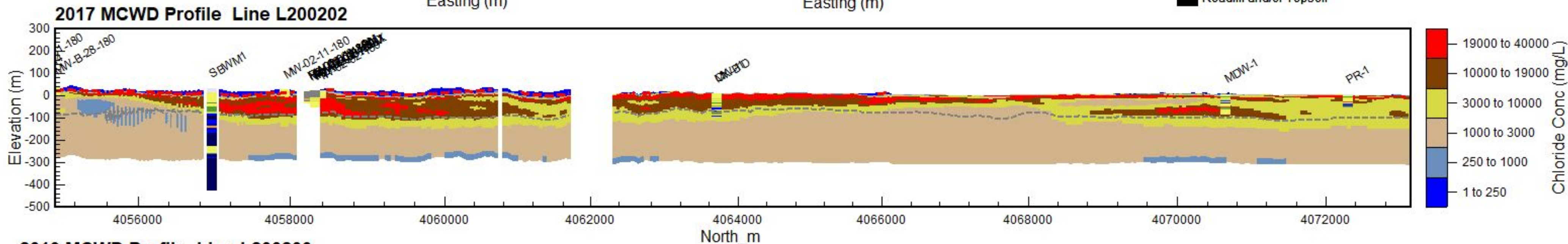
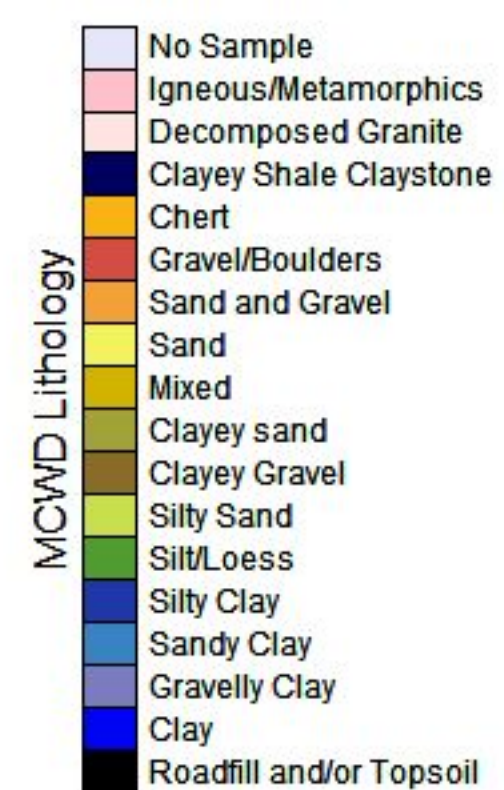
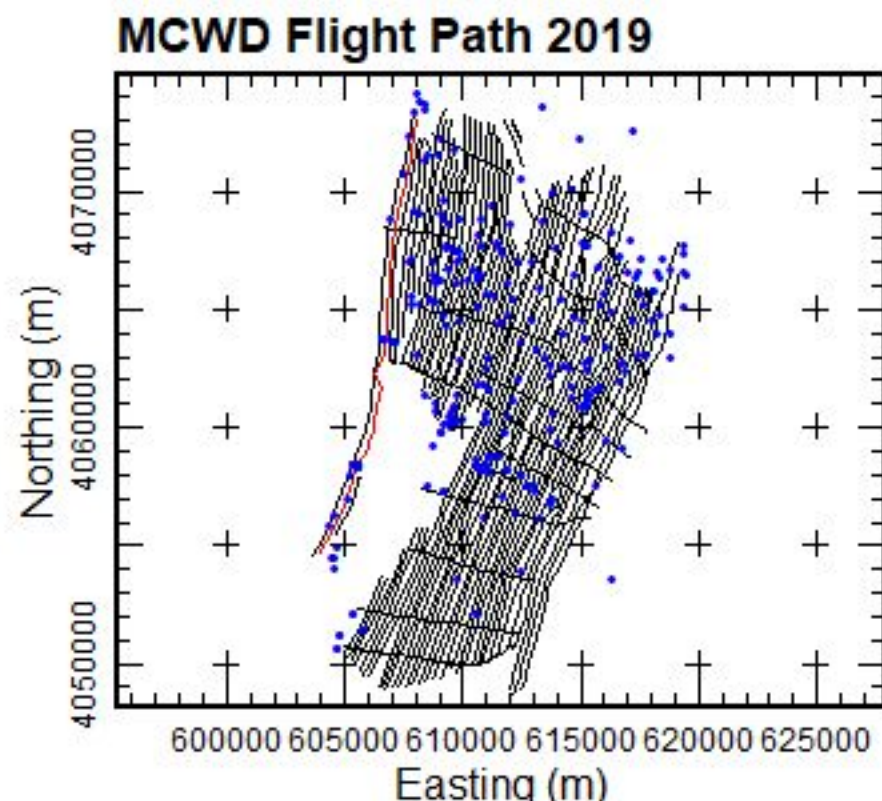
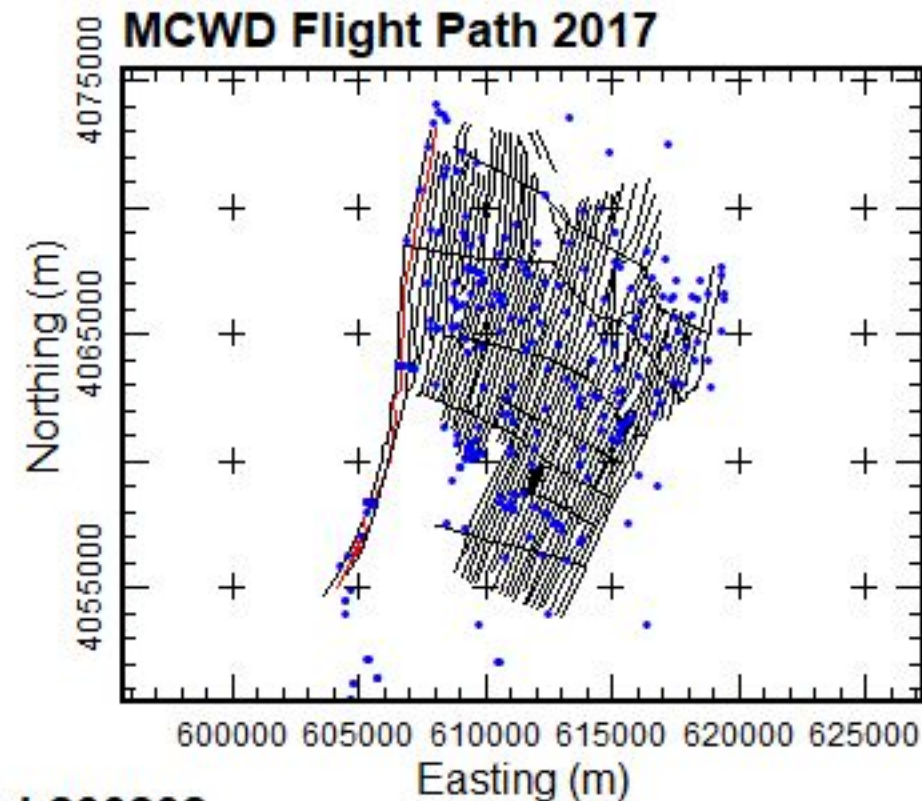
2017 MCWD Profile Line L200101



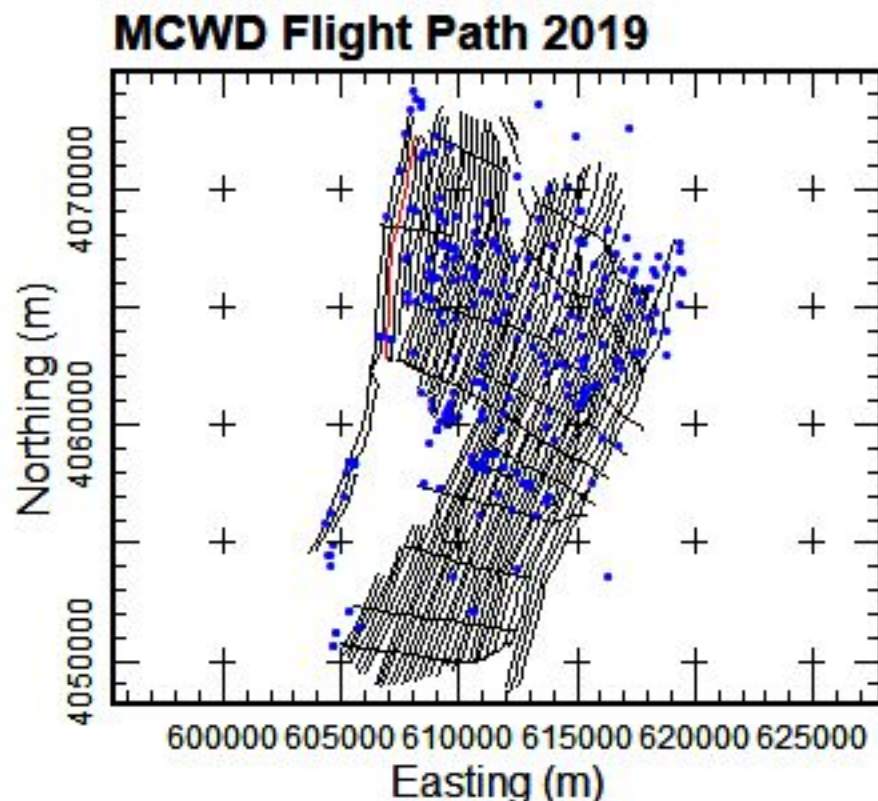
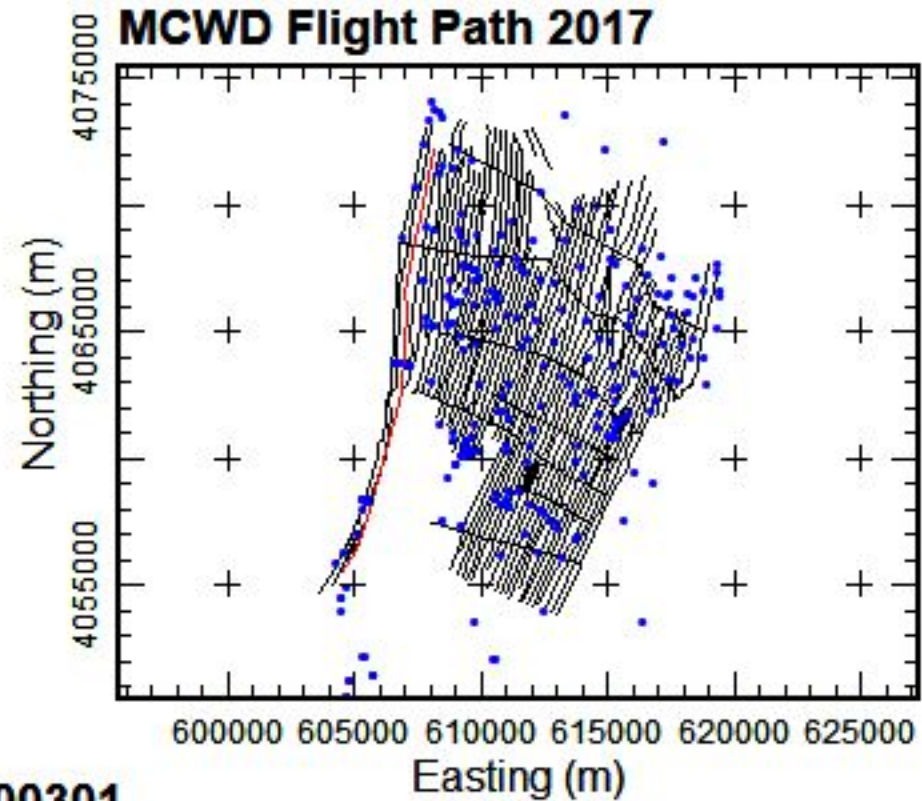
2019 MCWD Profile Line L200101



Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

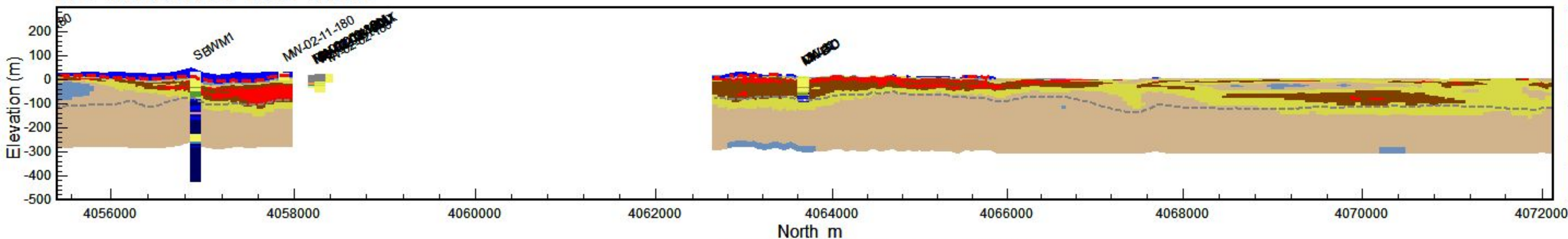


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

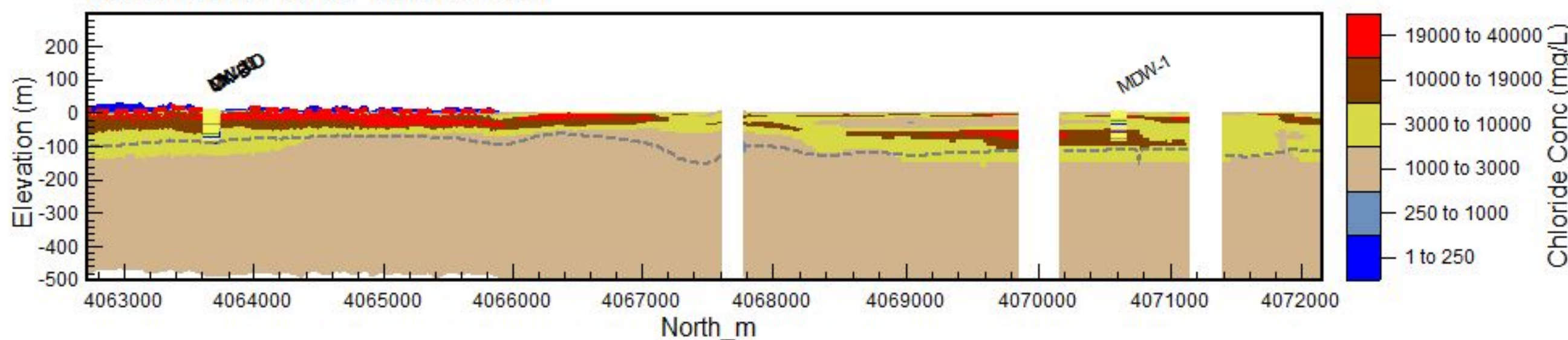


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

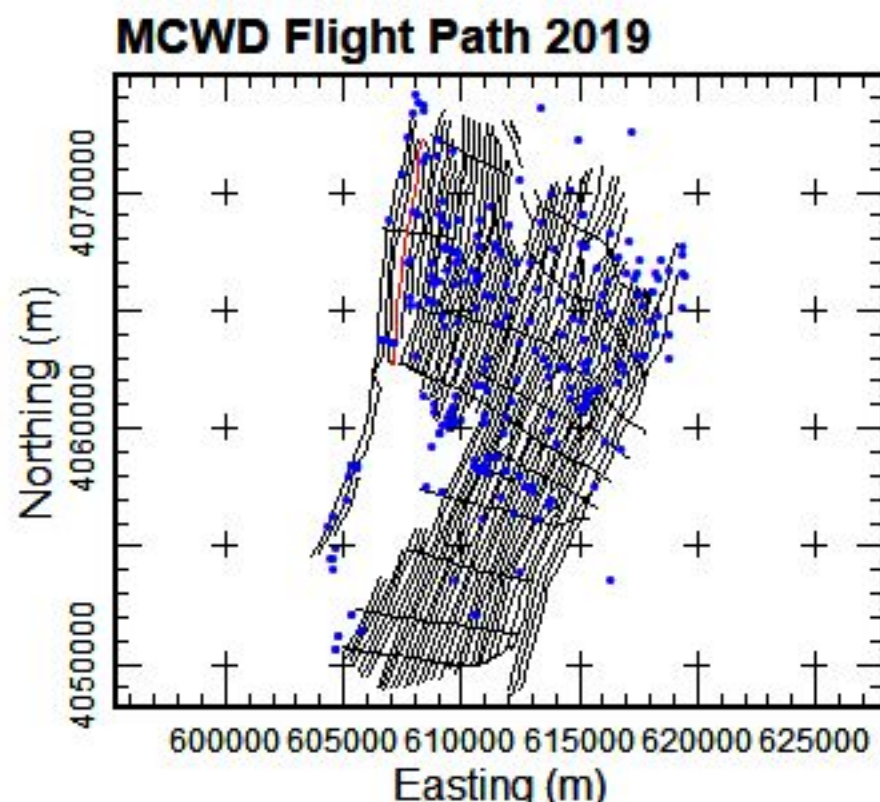
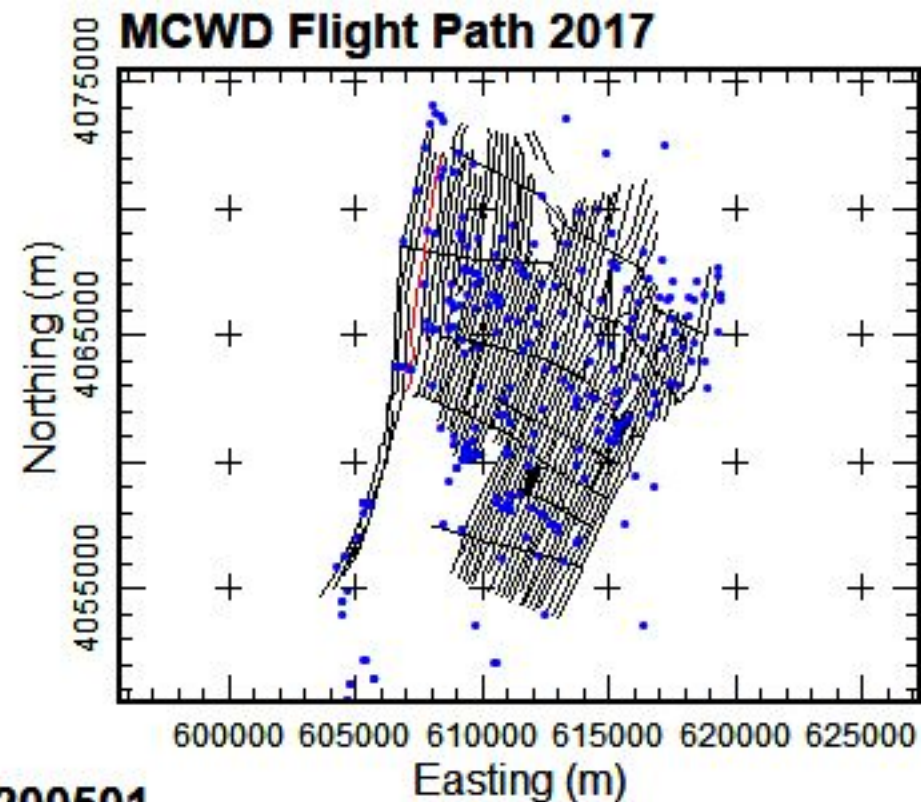
2017 MCWD Profile Line L200301



2019 MCWD Profile Line L200301

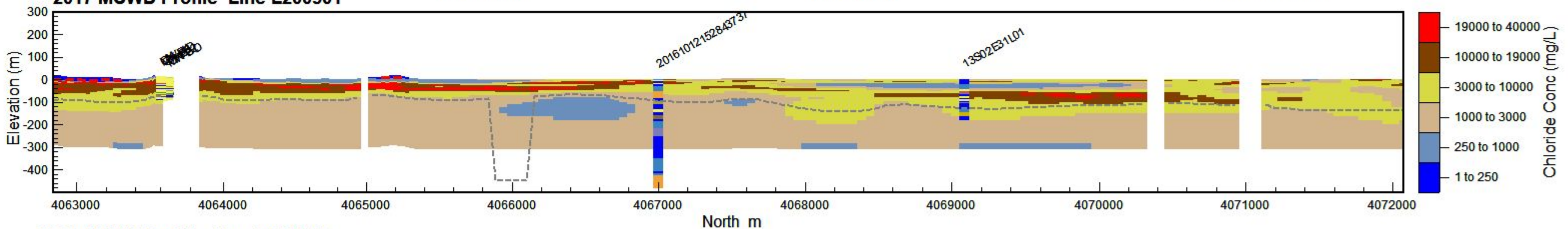


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

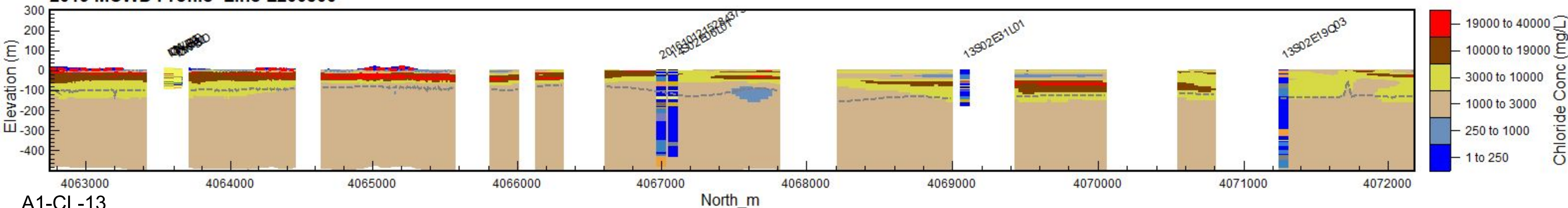


- MCWD Lithology
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

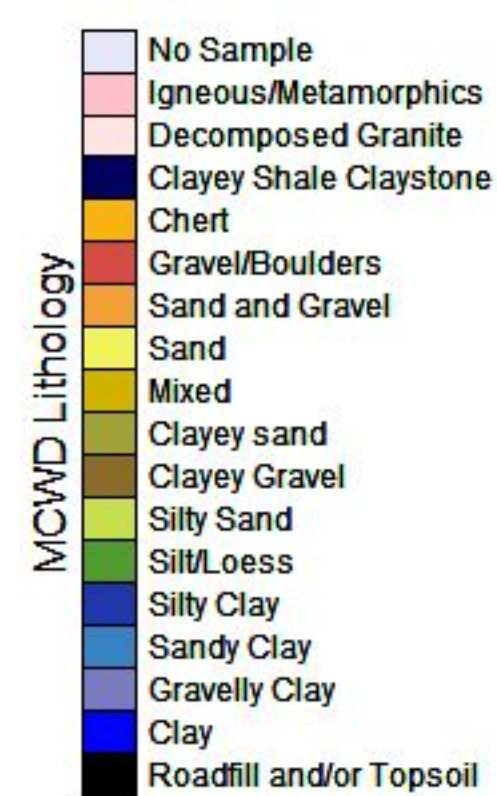
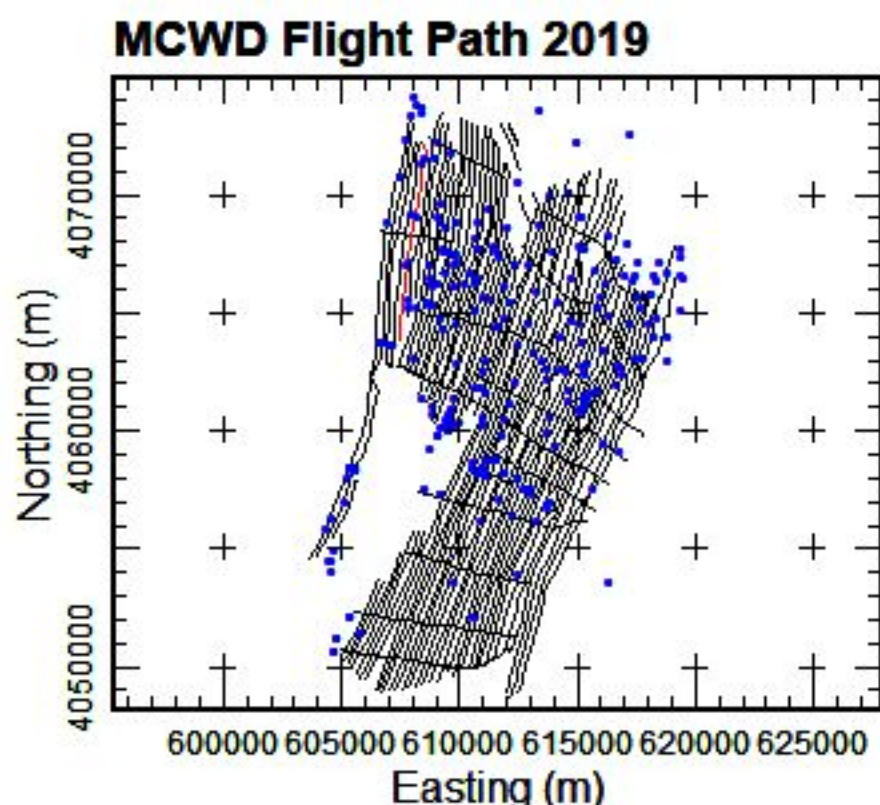
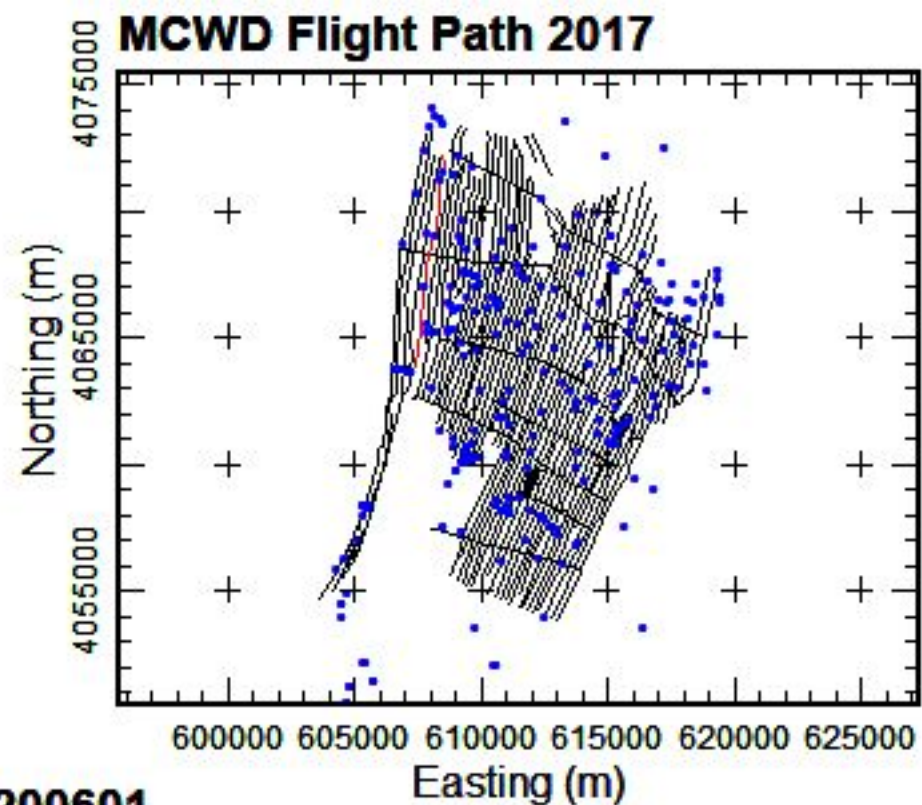
2017 MCWD Profile Line L200501



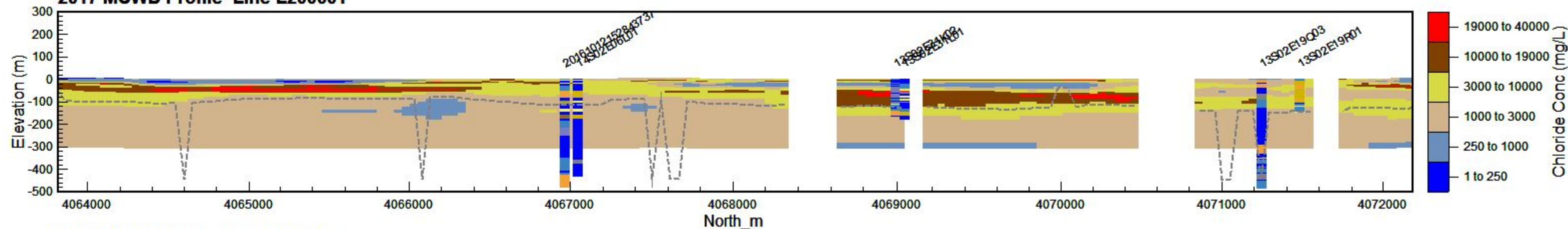
2019 MCWD Profile Line L200500



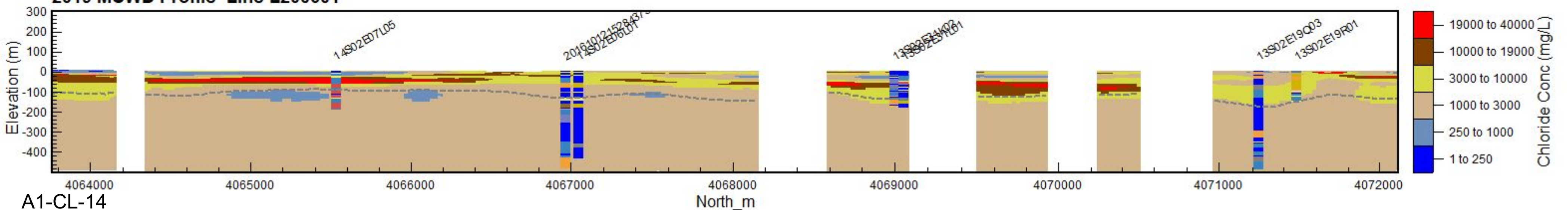
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



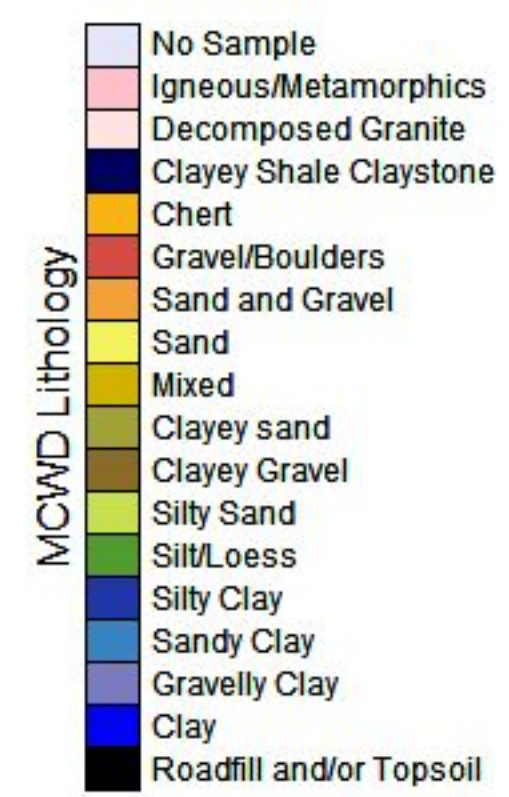
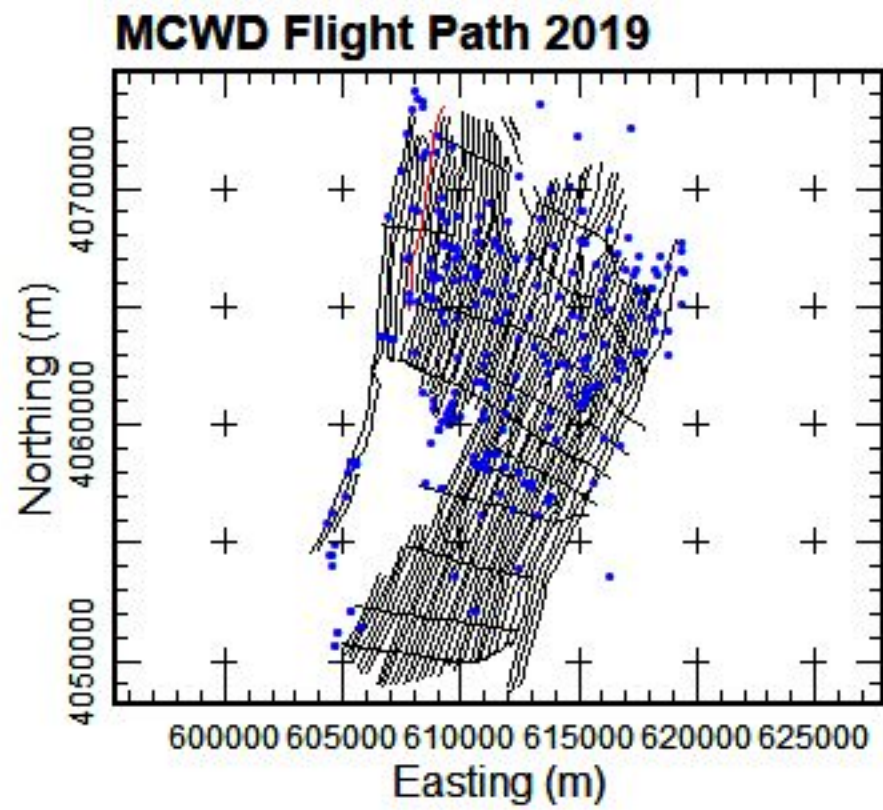
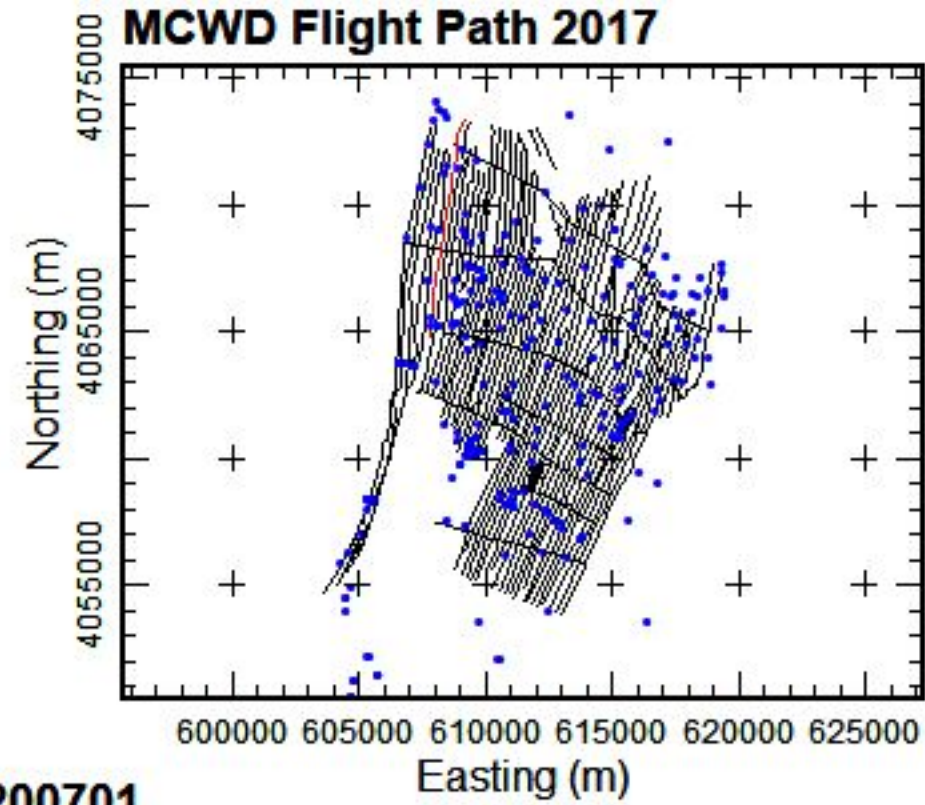
2017 MCWD Profile Line L200601



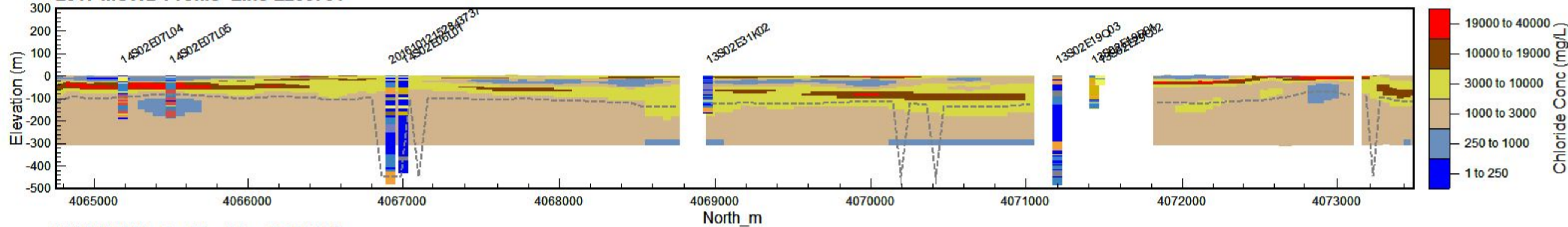
2019 MCWD Profile Line L200601



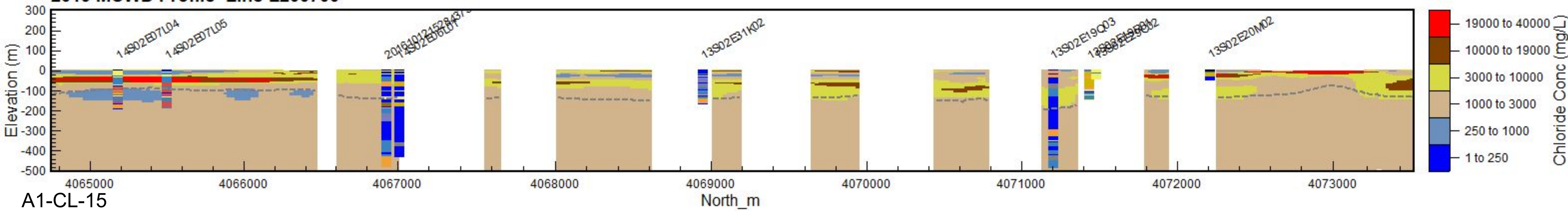
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



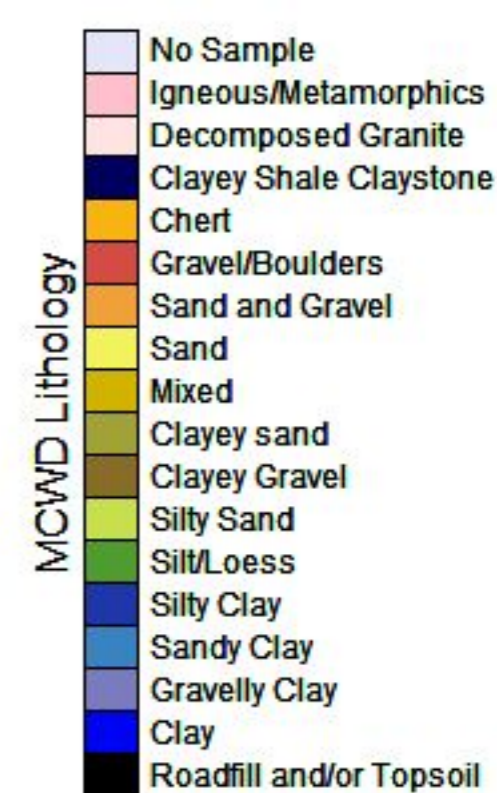
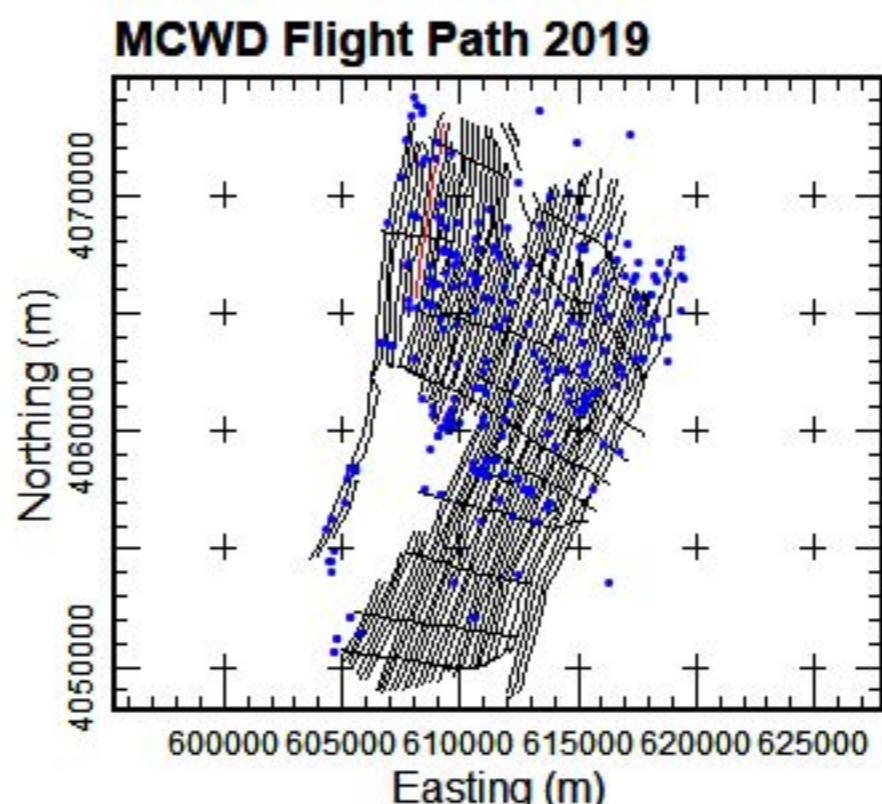
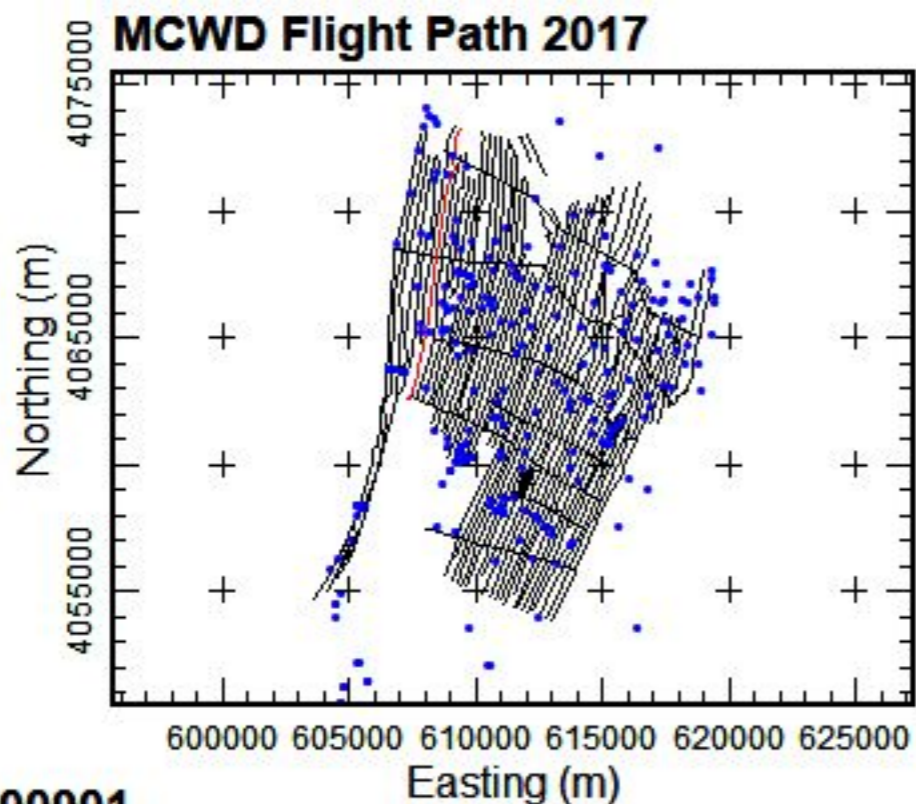
2017 MCWD Profile Line L200701



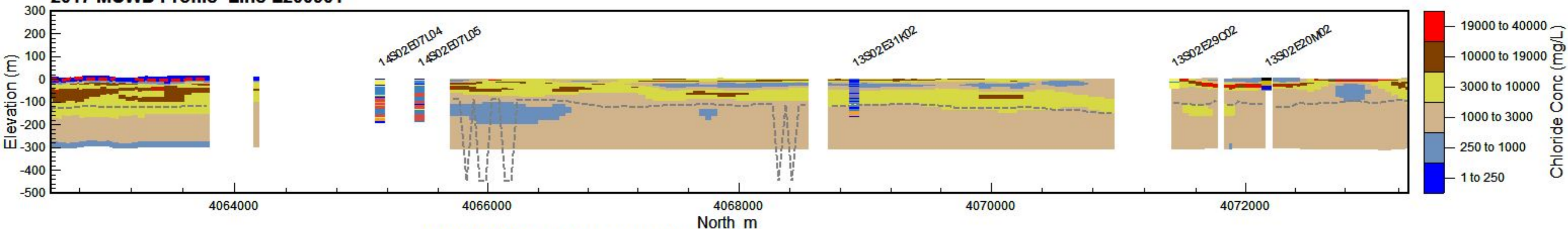
2019 MCWD Profile Line L200700



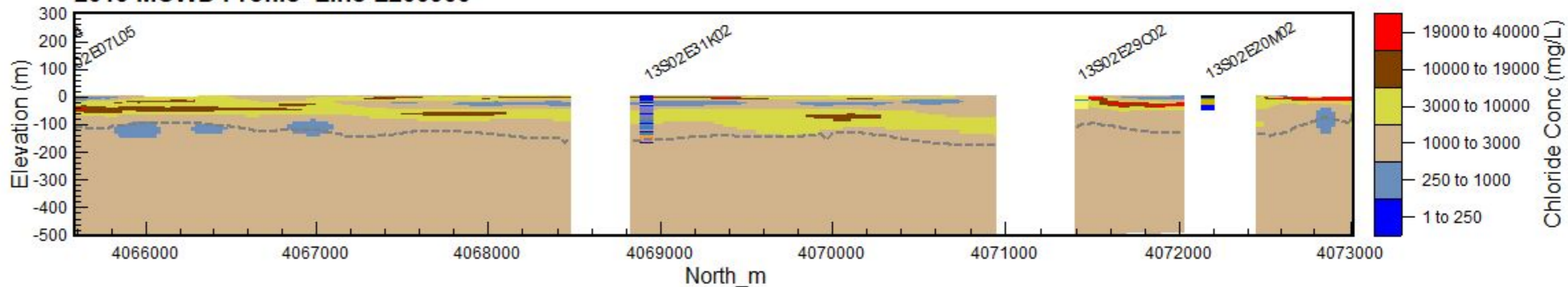
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



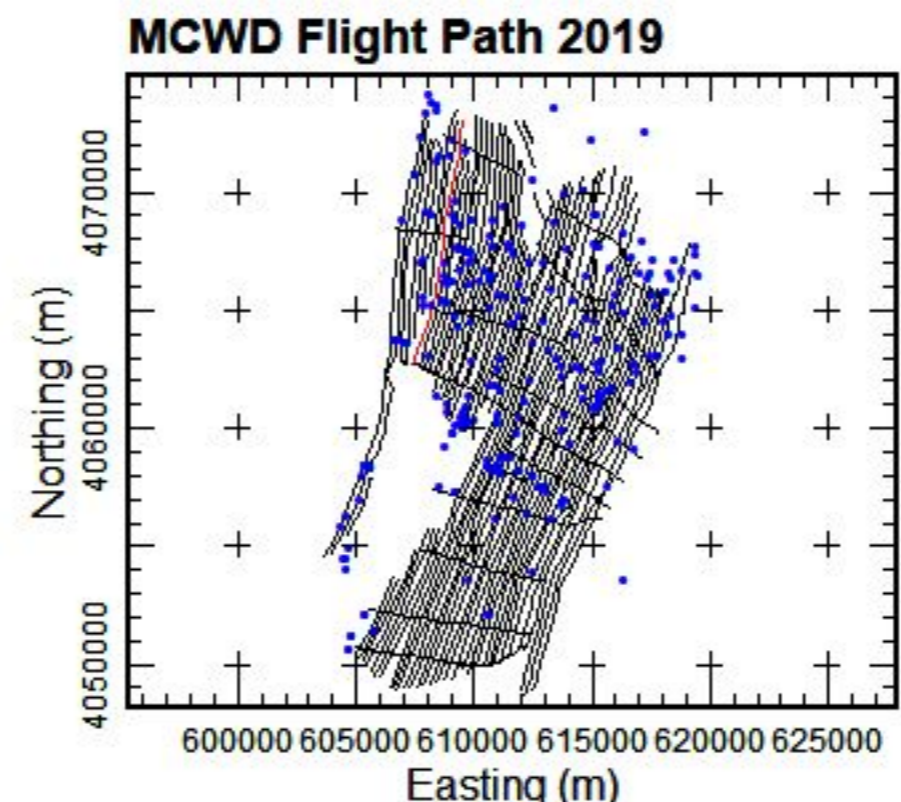
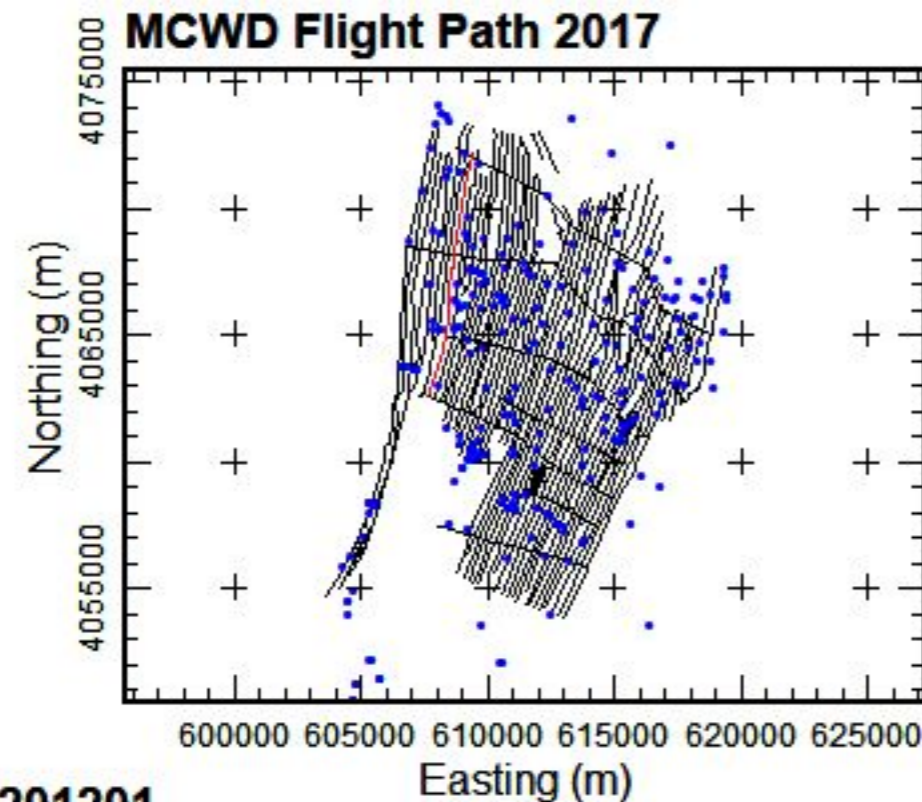
2017 MCWD Profile Line L200901



2019 MCWD Profile Line L200900

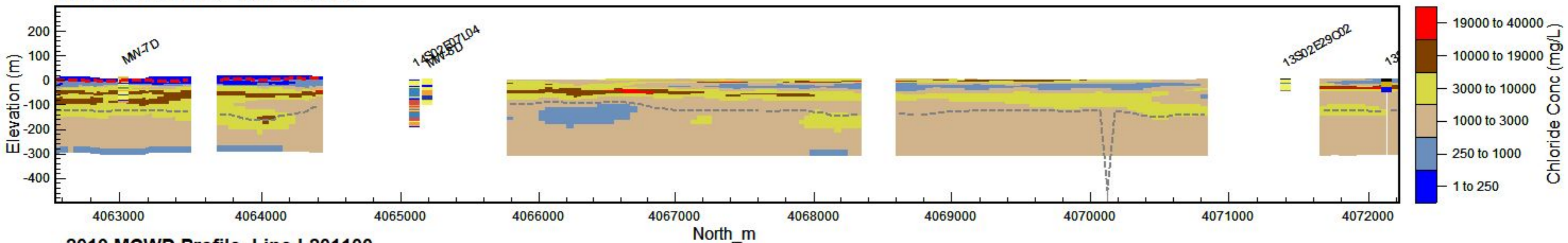


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

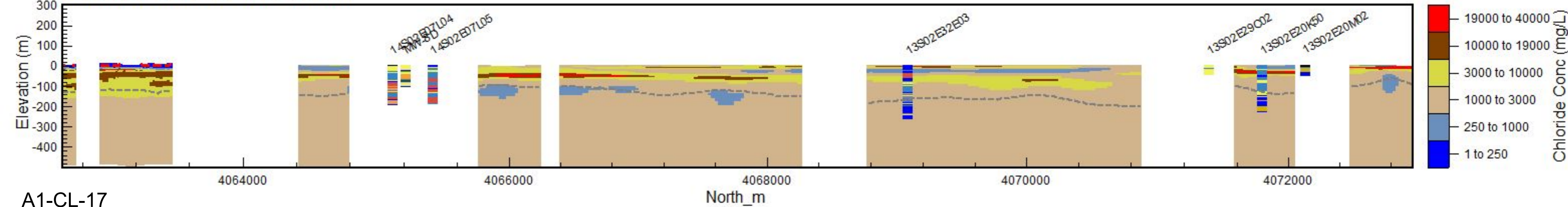


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

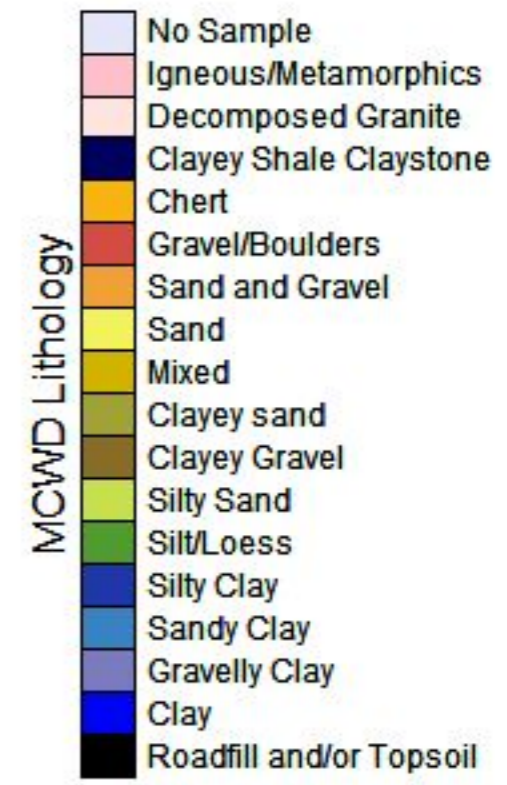
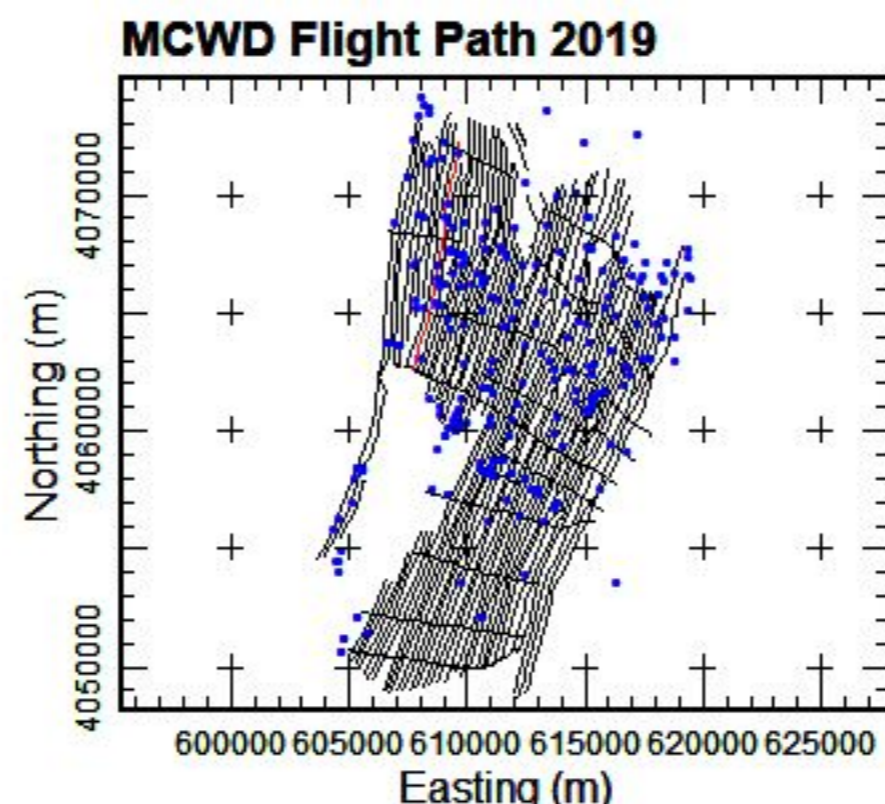
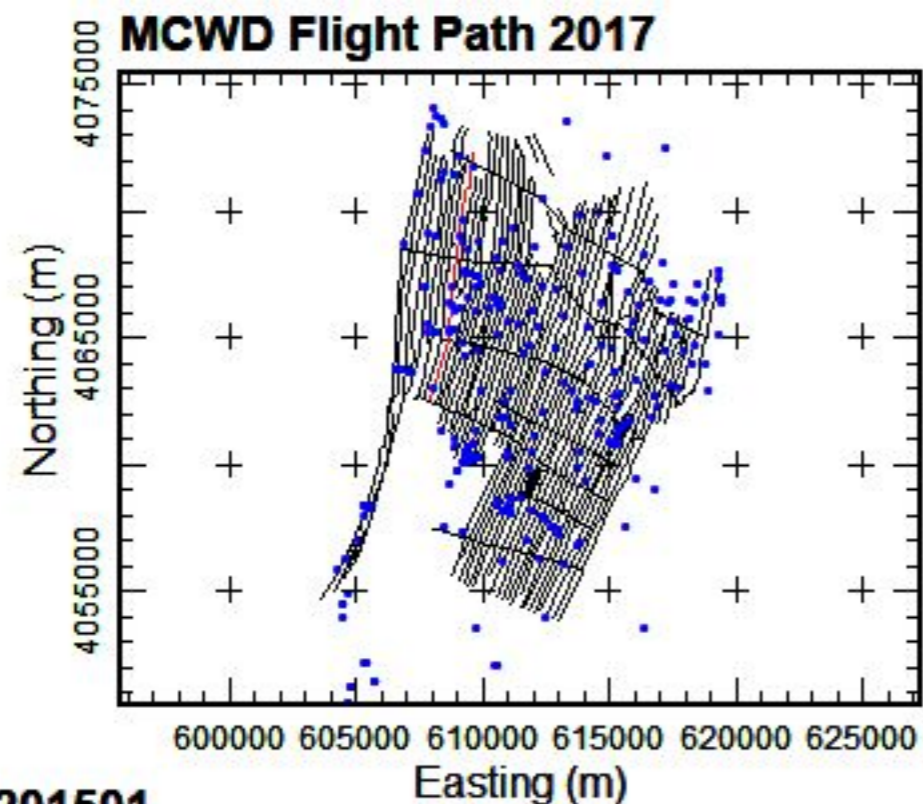
2017 MCWD Profile Line L201201



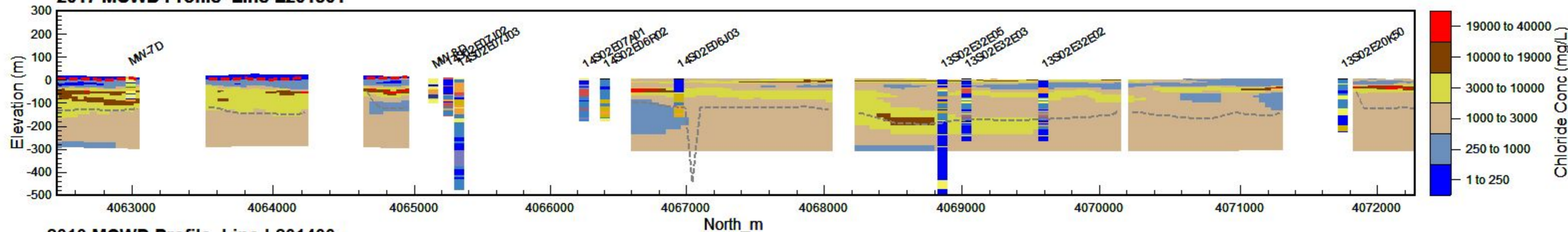
2019 MCWD Profile Line L201100



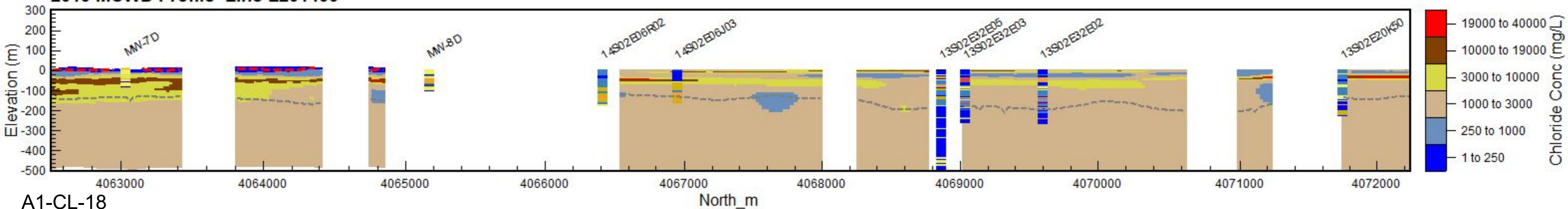
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



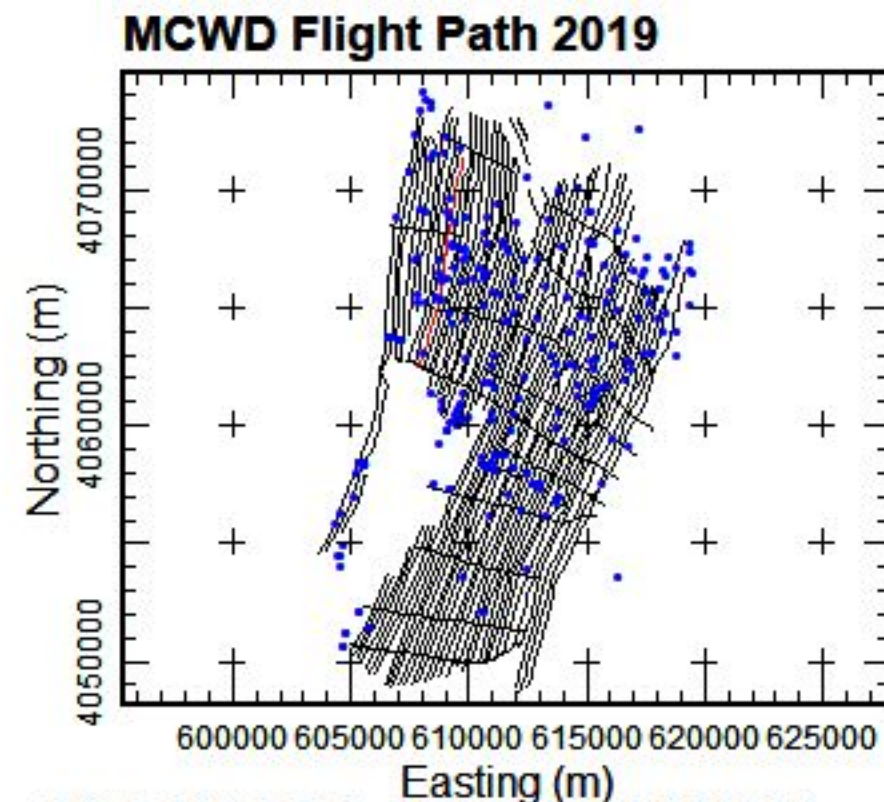
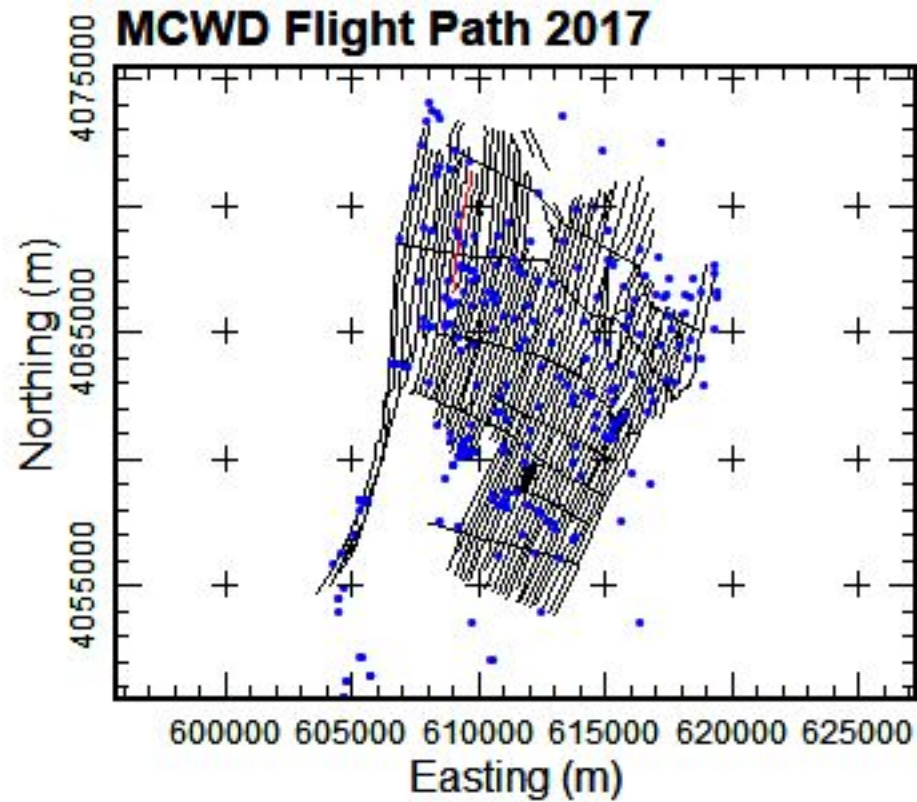
2017 MCWD Profile Line L201501



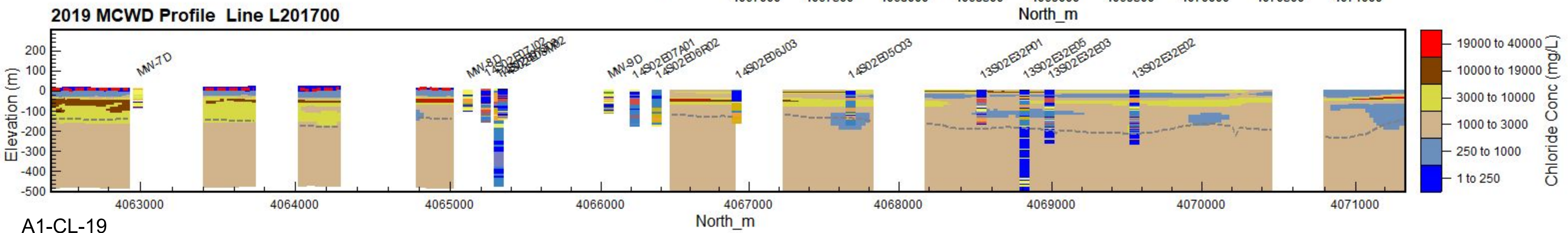
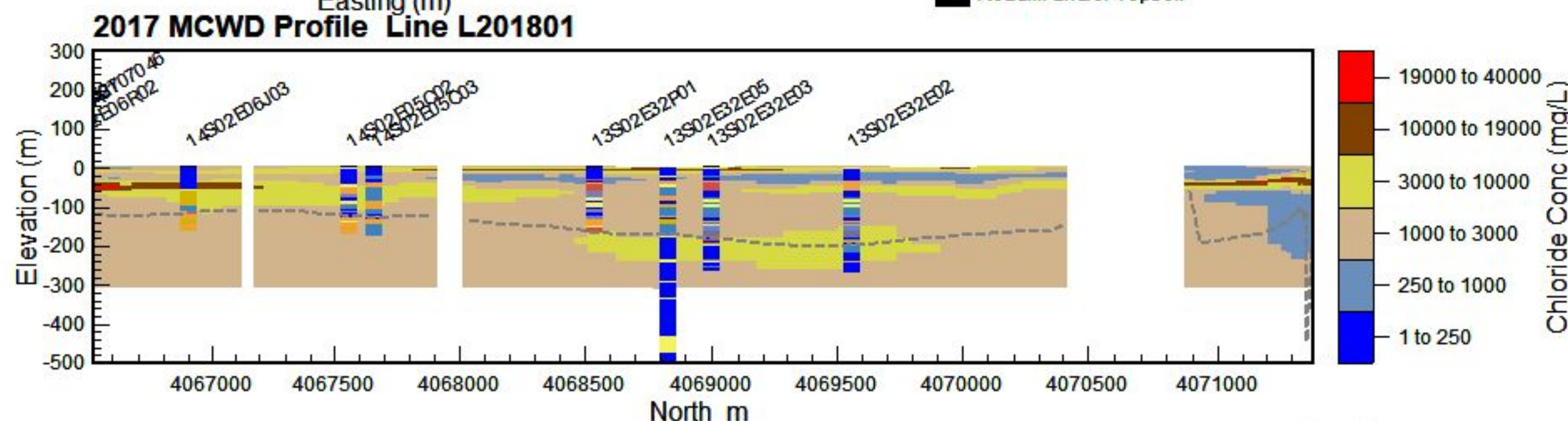
2019 MCWD Profile Line L201400



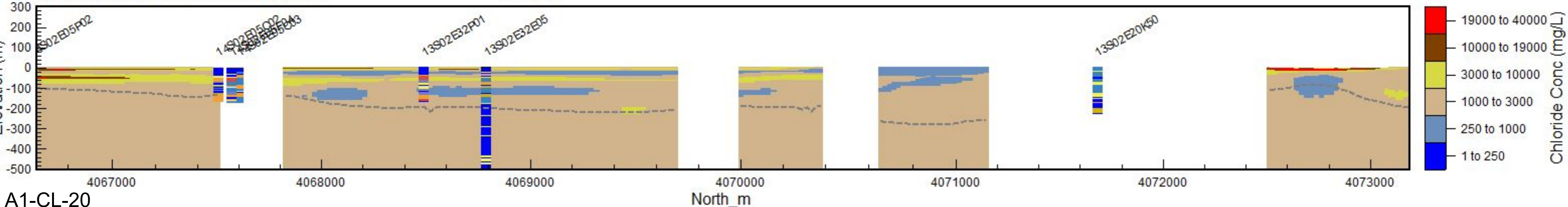
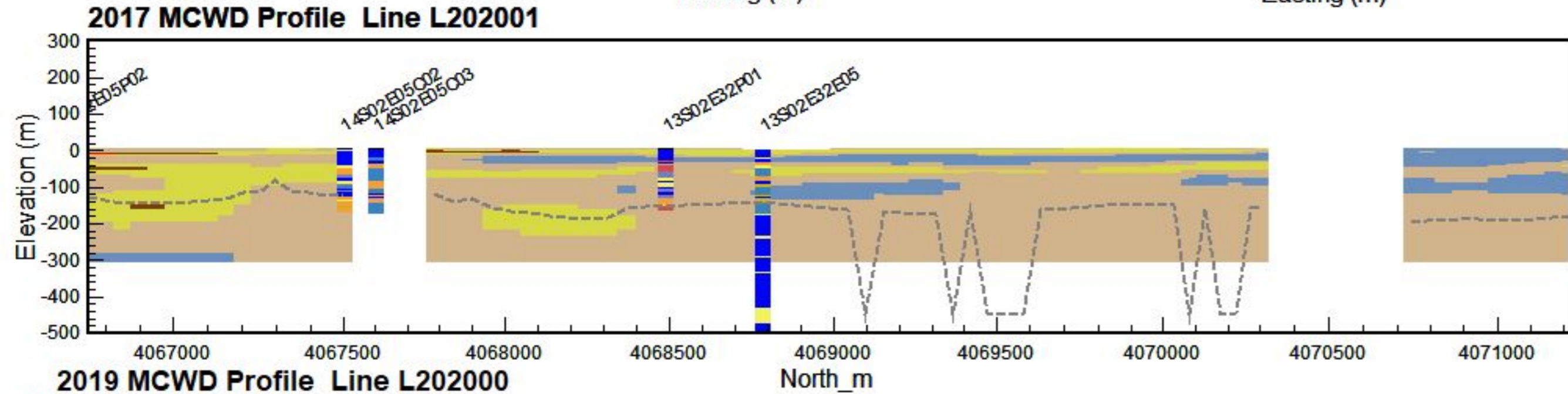
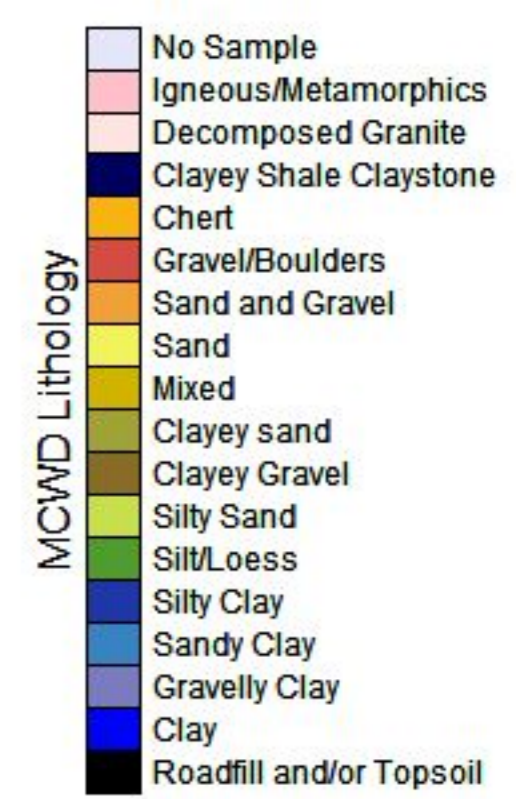
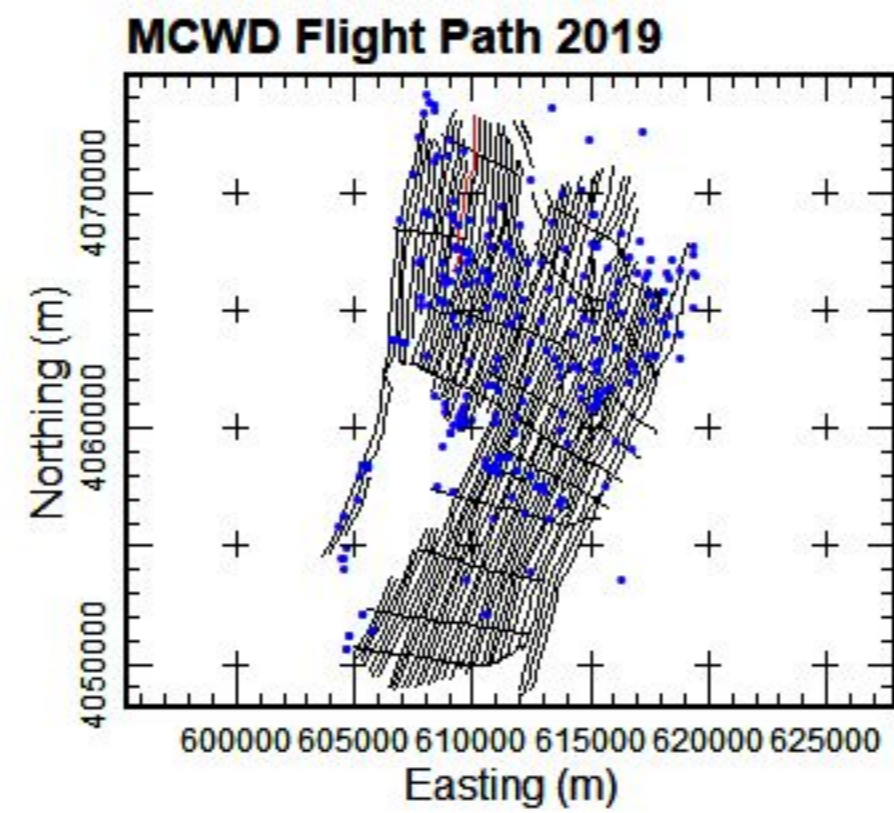
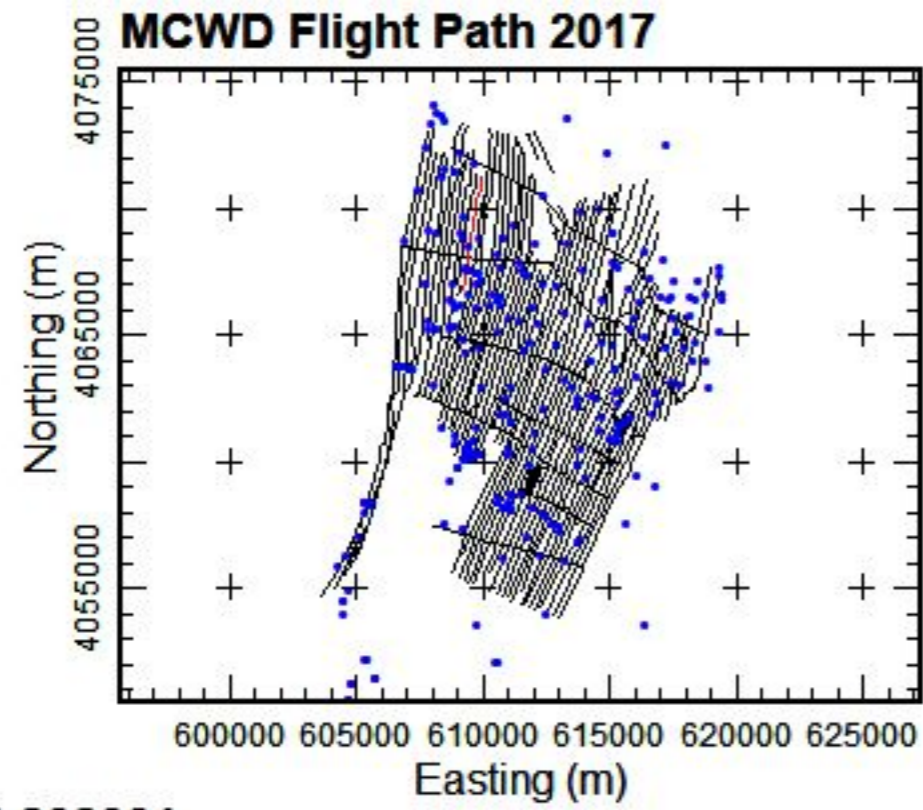
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



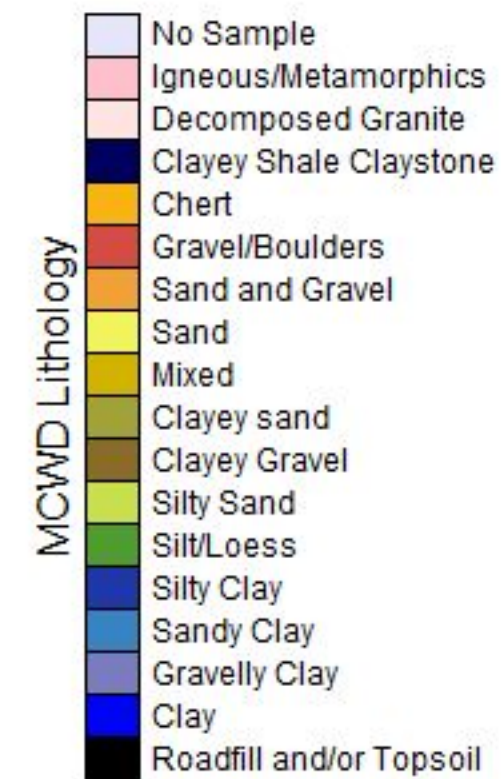
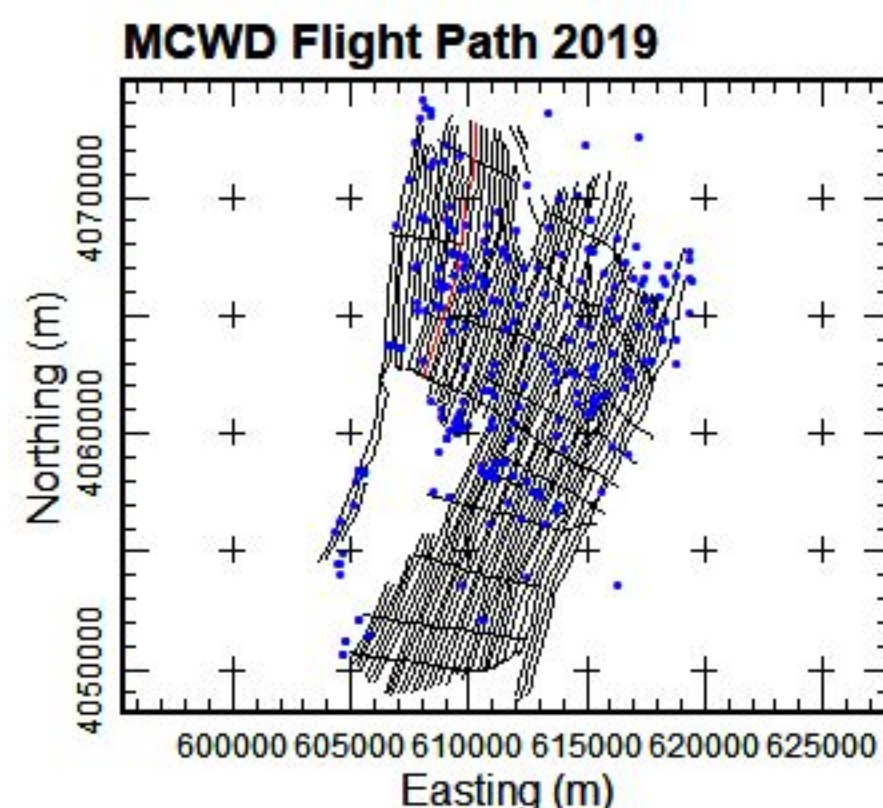
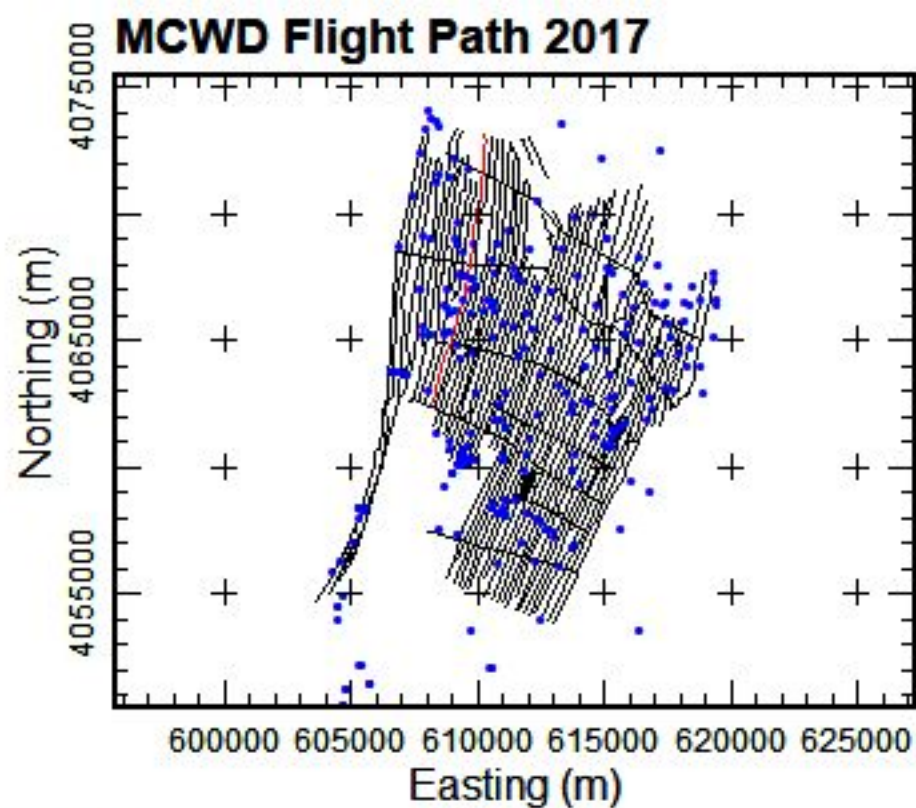
- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil



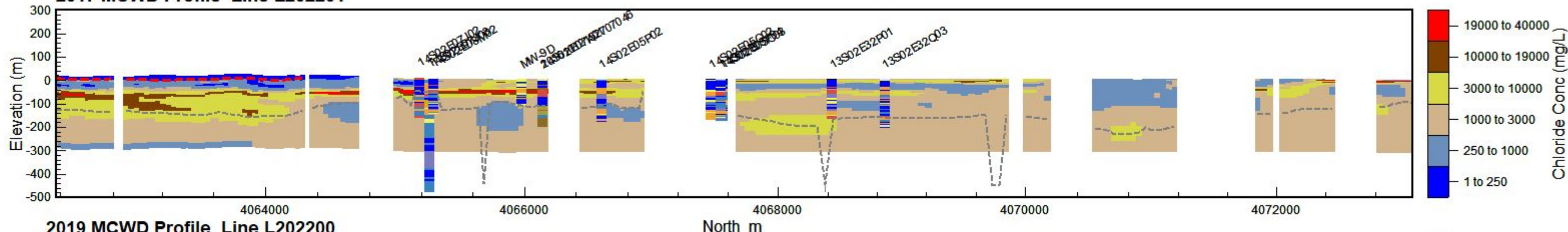
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



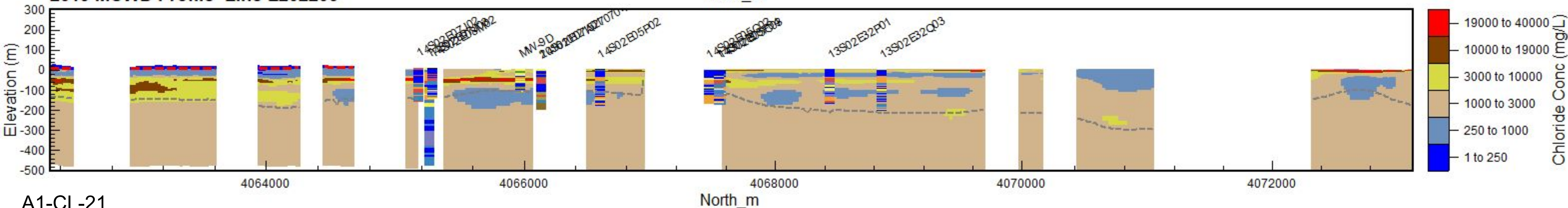
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



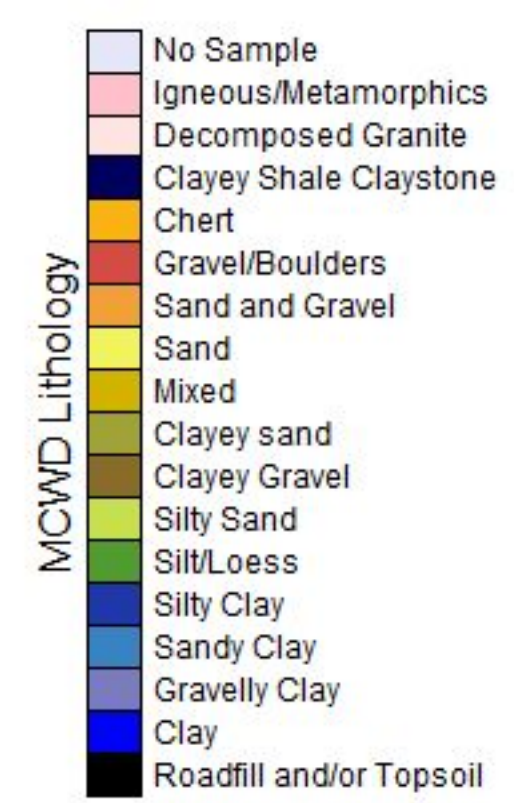
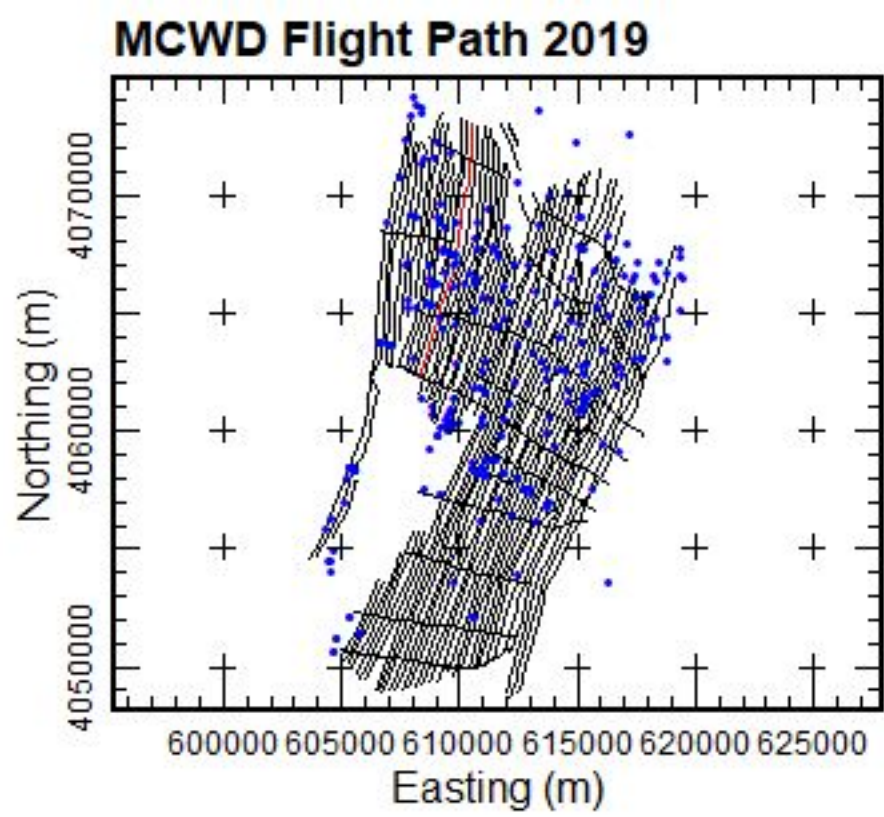
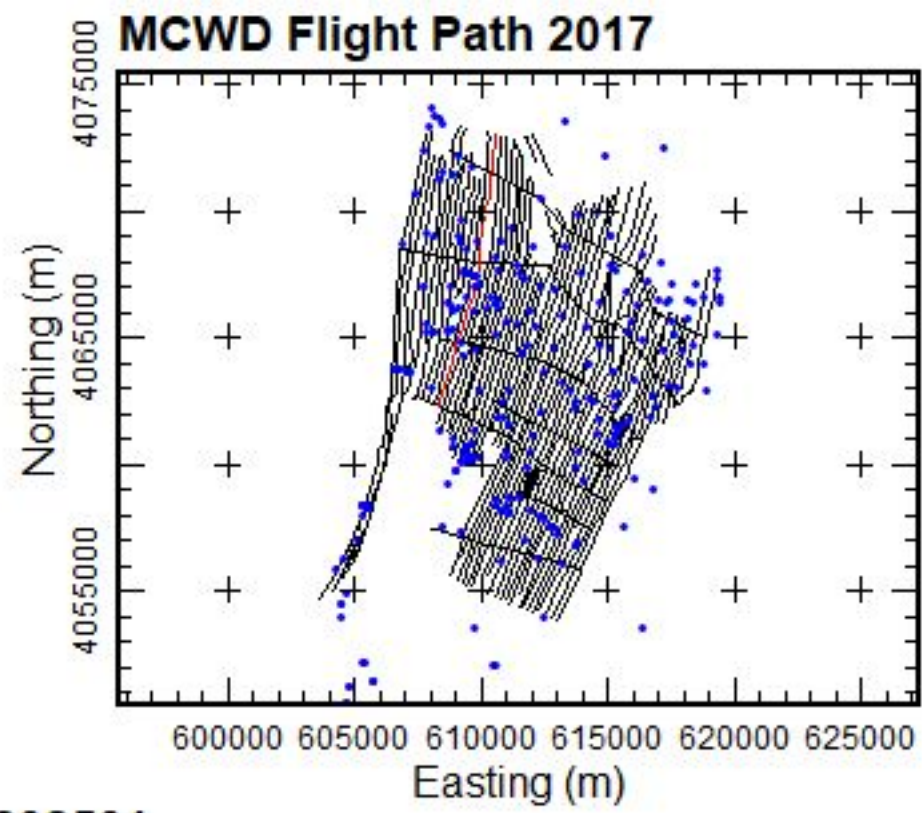
2017 MCWD Profile Line L202201



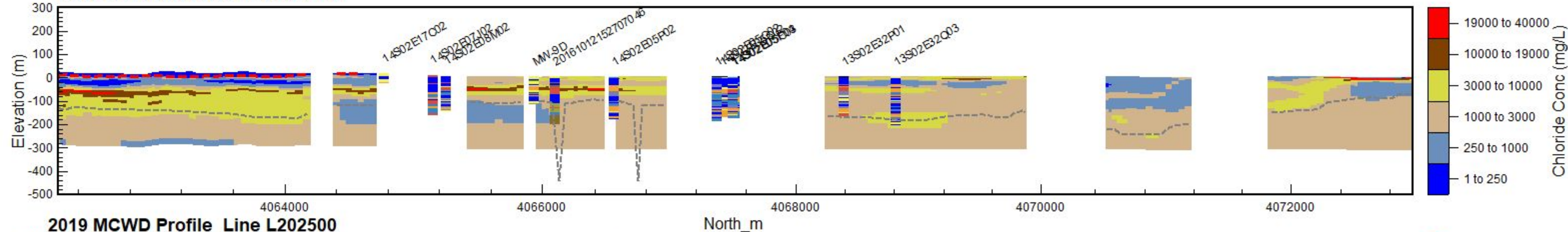
2019 MCWD Profile Line L202200



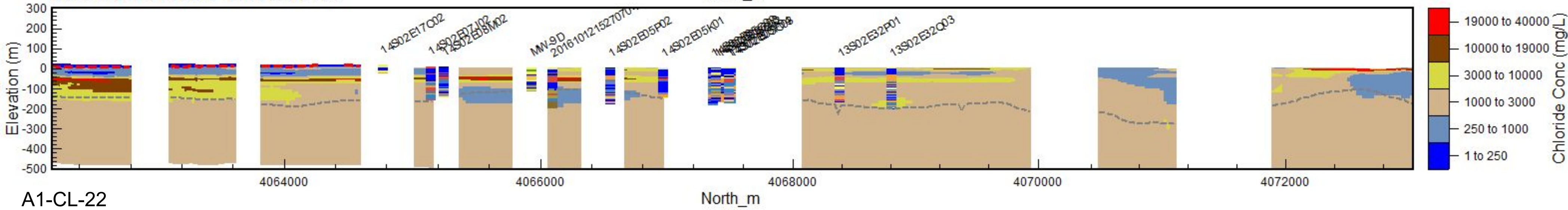
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



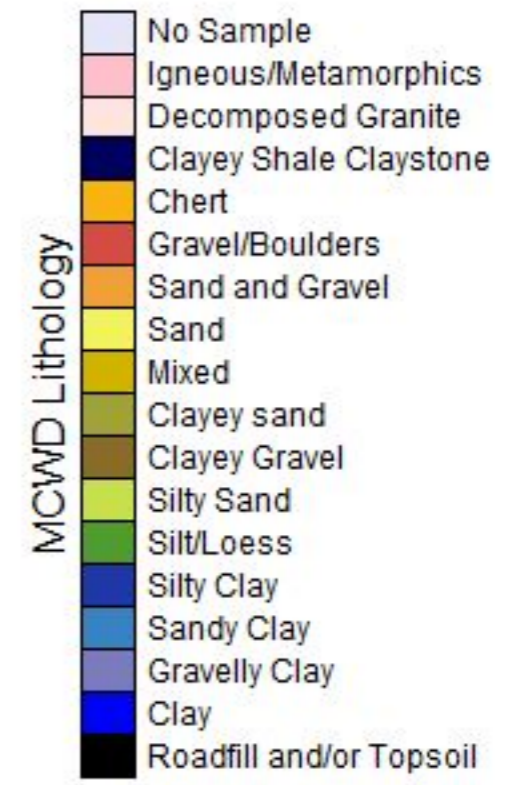
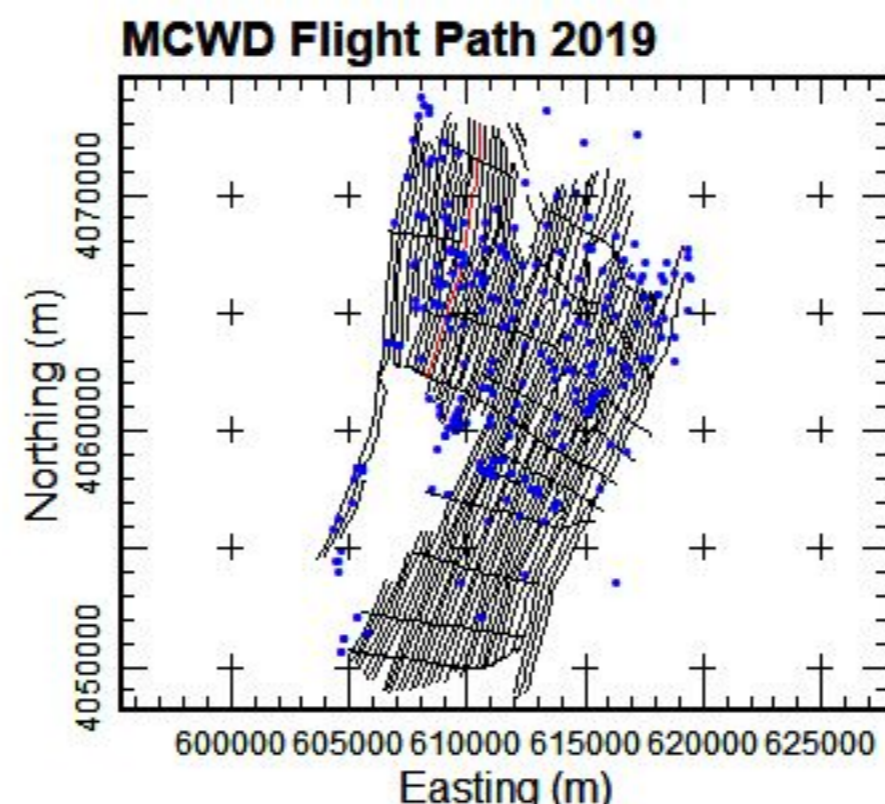
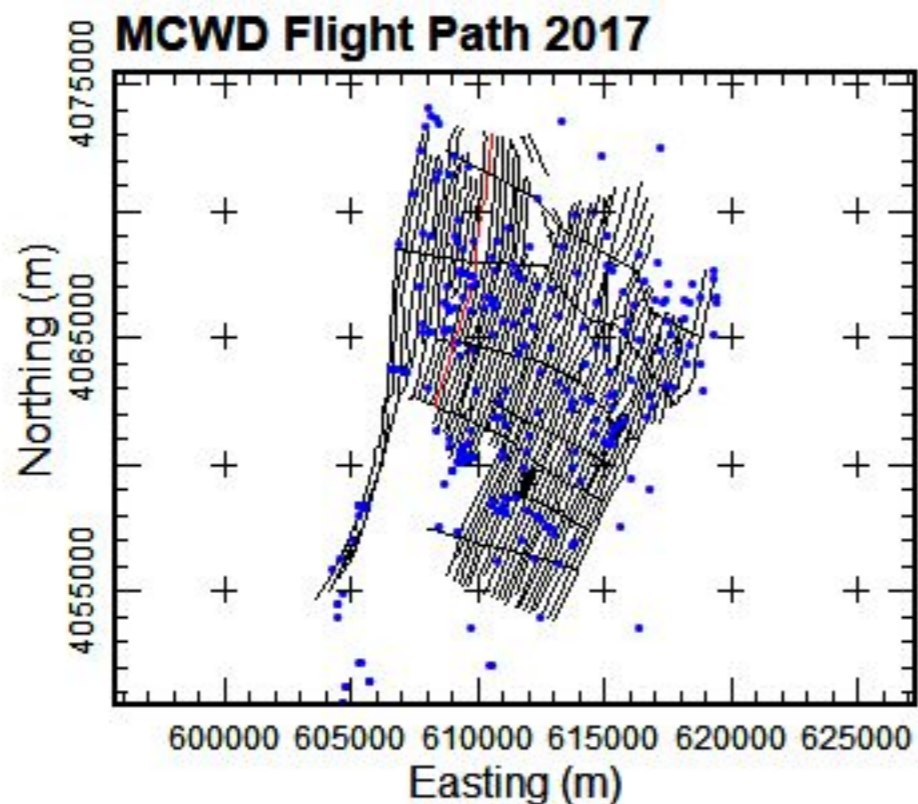
2017 MCWD Profile Line L202501



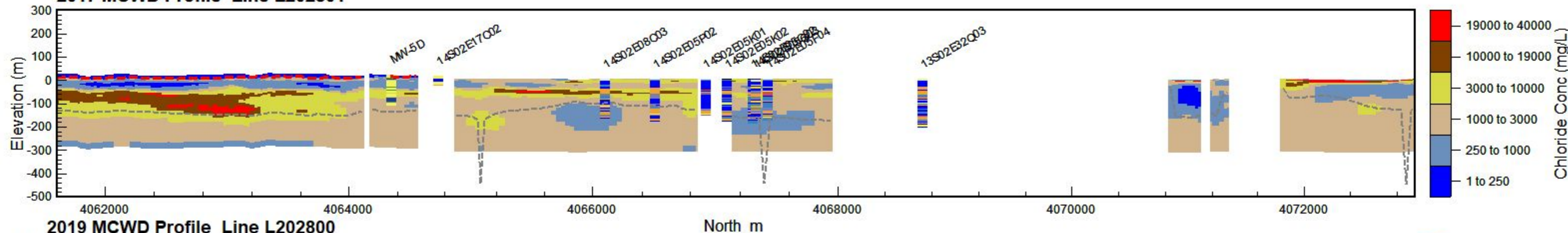
2019 MCWD Profile Line L202500



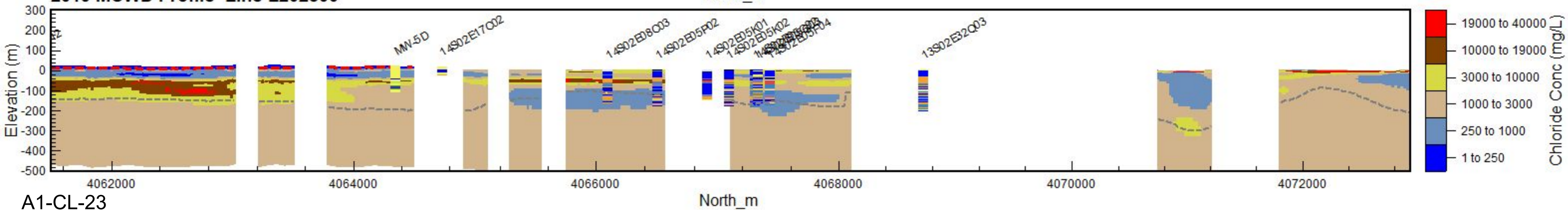
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



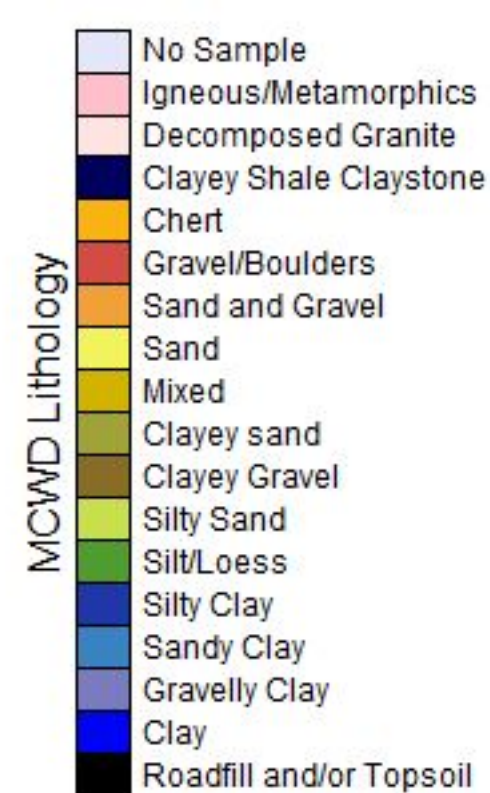
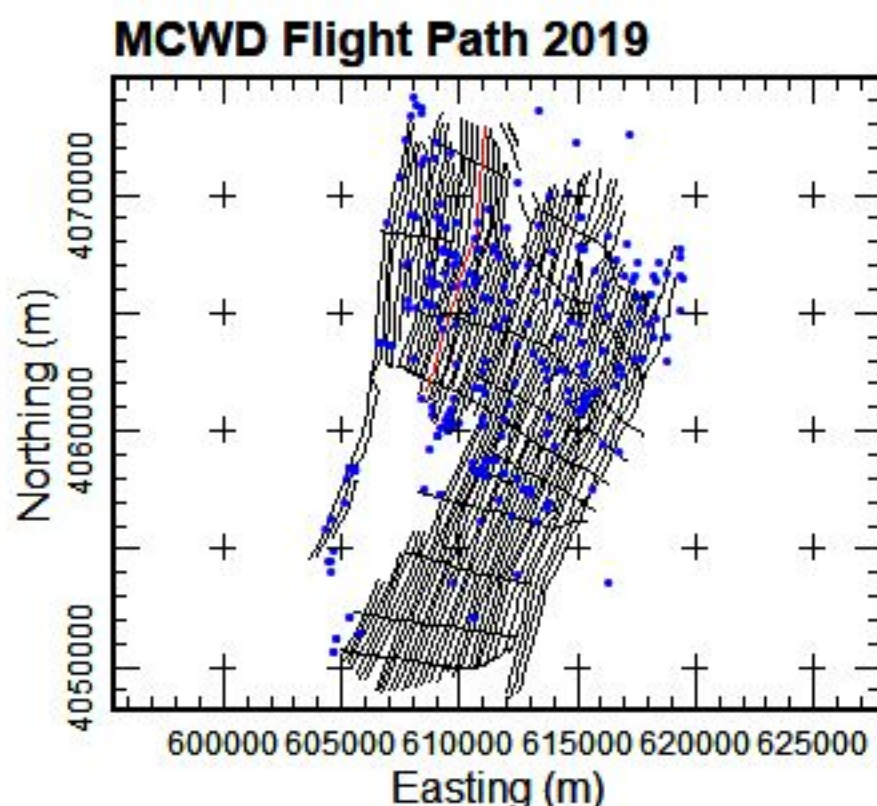
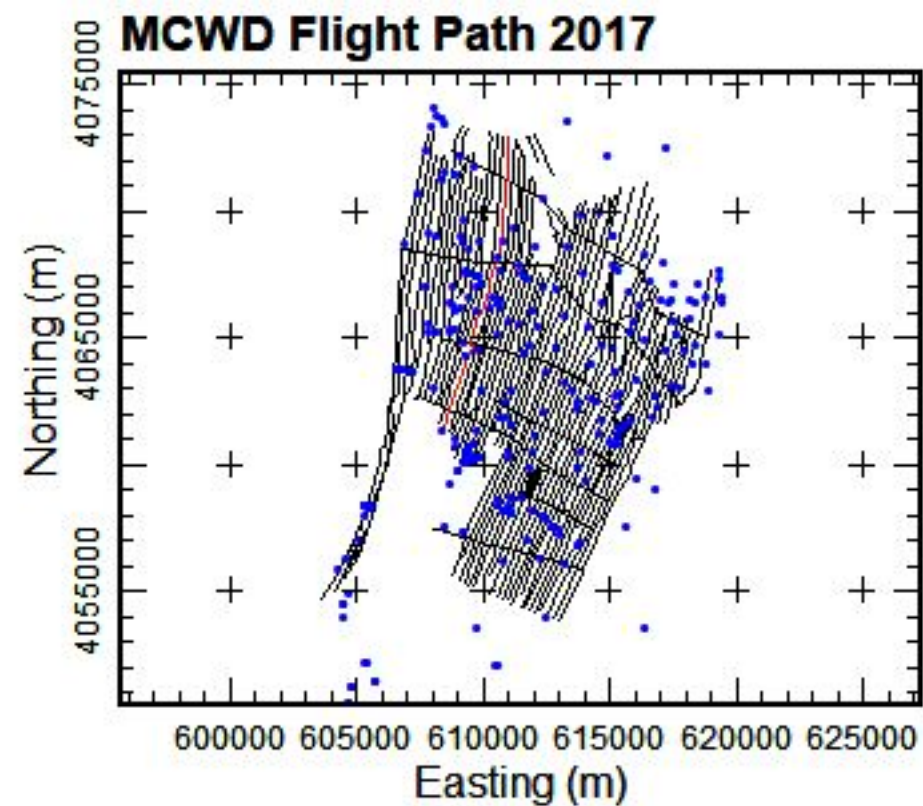
2017 MCWD Profile Line L202801



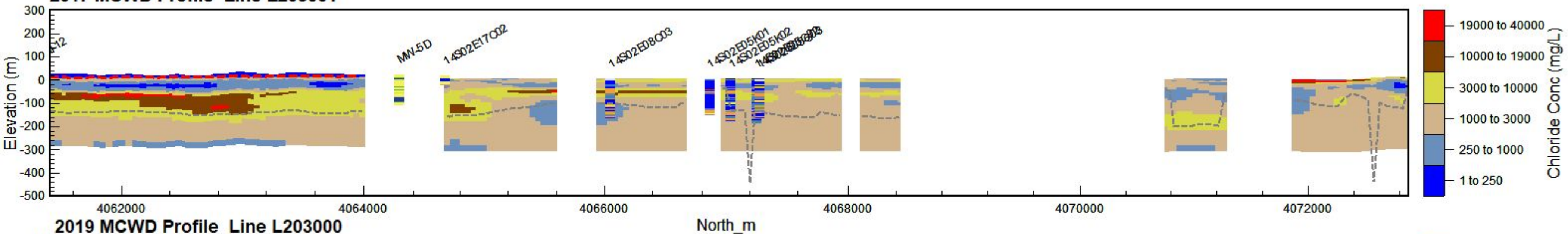
2019 MCWD Profile Line L202800



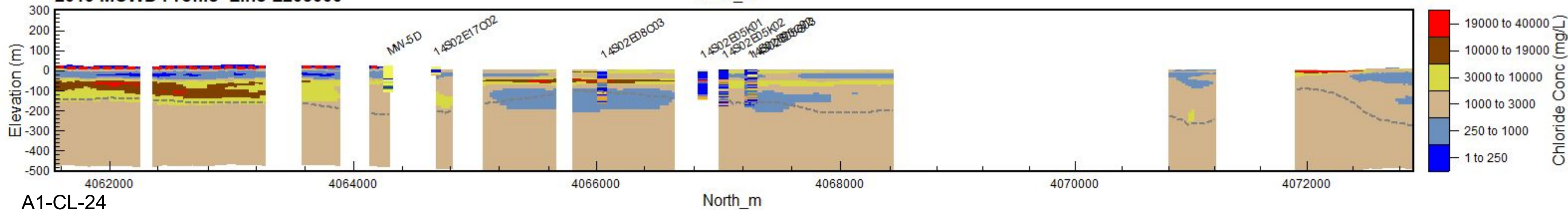
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



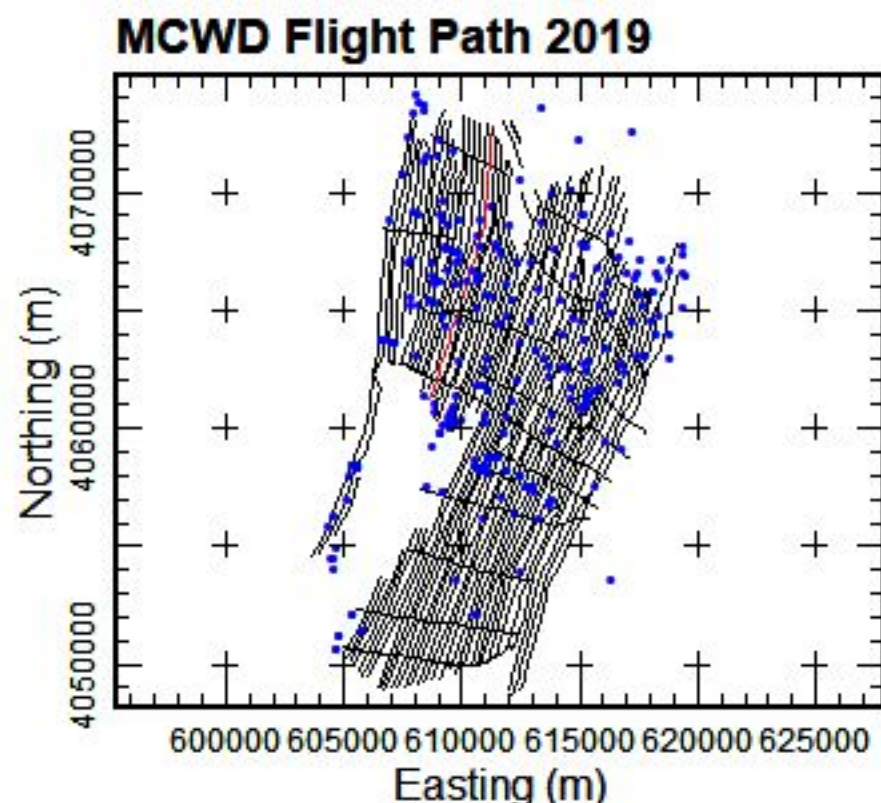
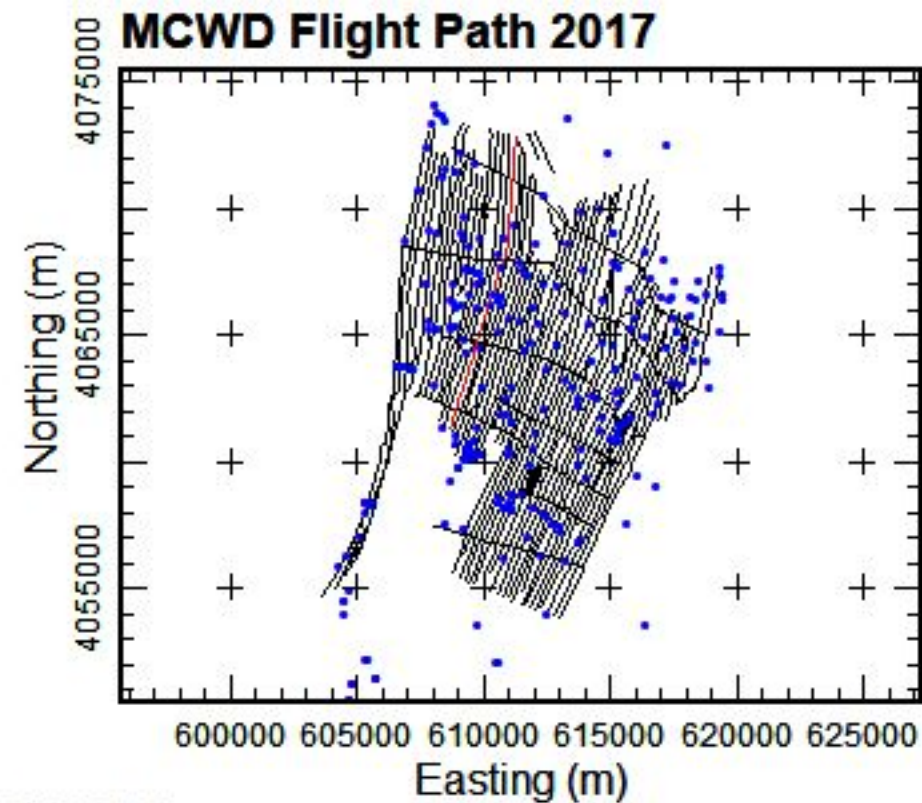
2017 MCWD Profile Line L203001



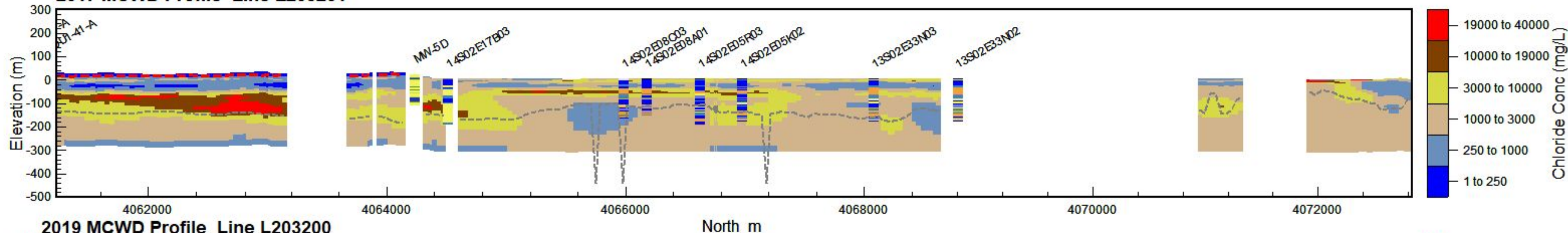
2019 MCWD Profile Line L203000



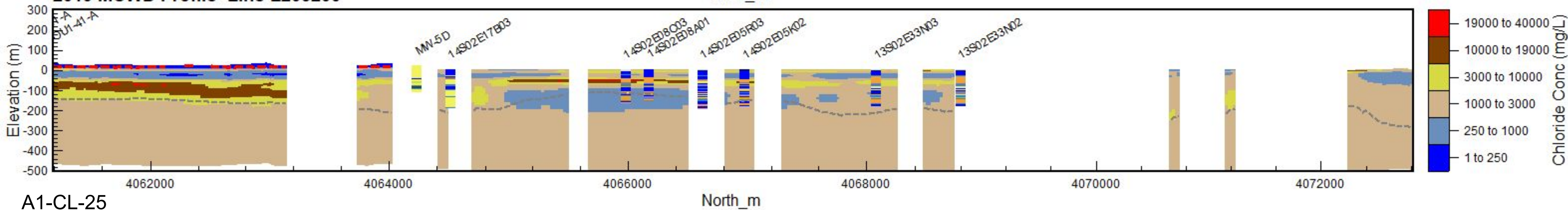
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



2017 MCWD Profile Line L203201

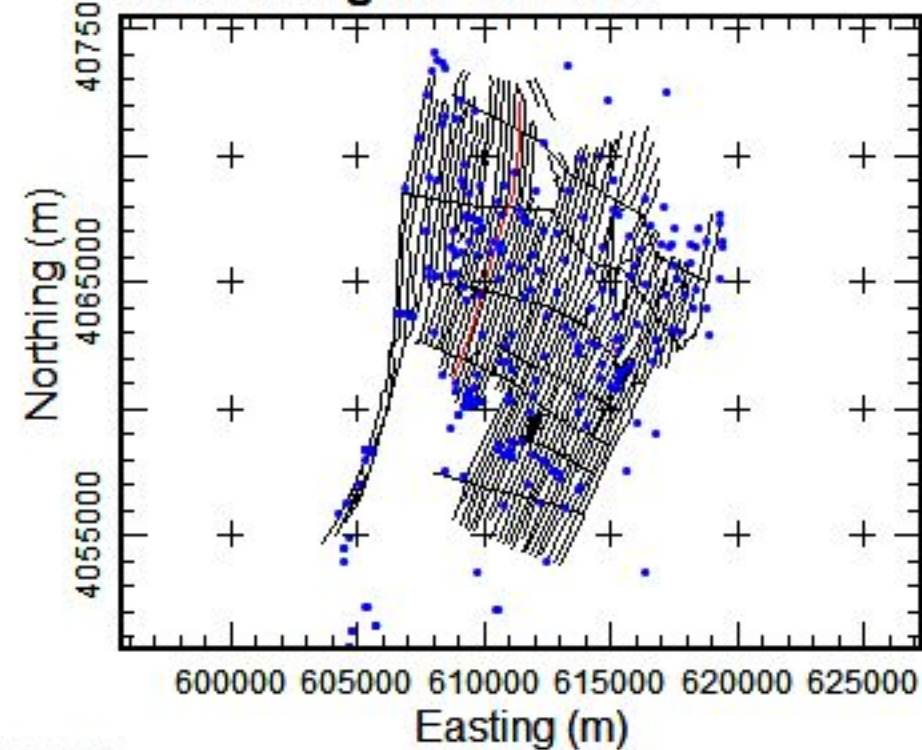


2019 MCWD Profile Line L203200

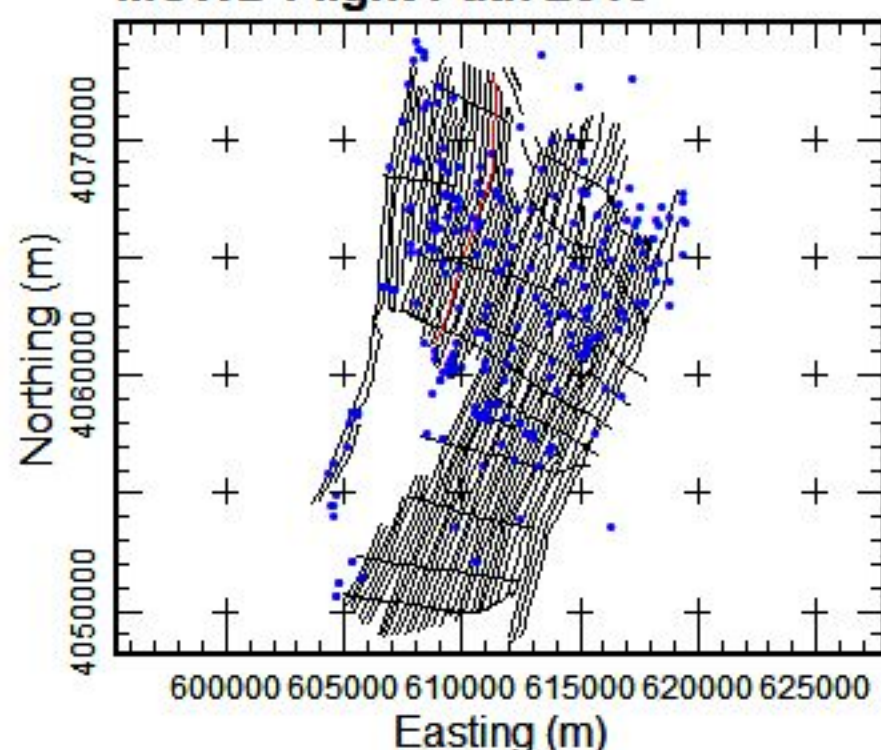


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

MCWD Flight Path 2017

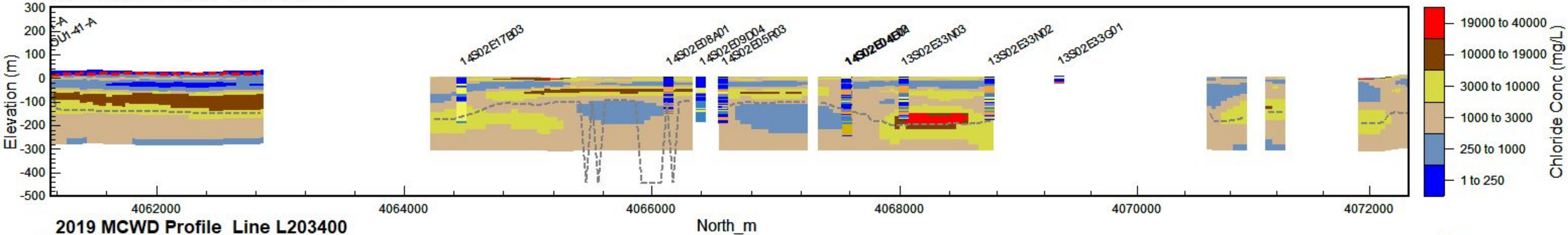


MCWD Flight Path 2019

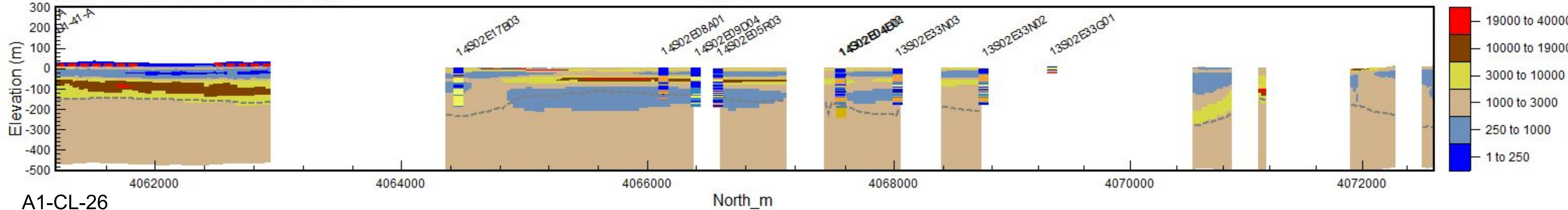


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

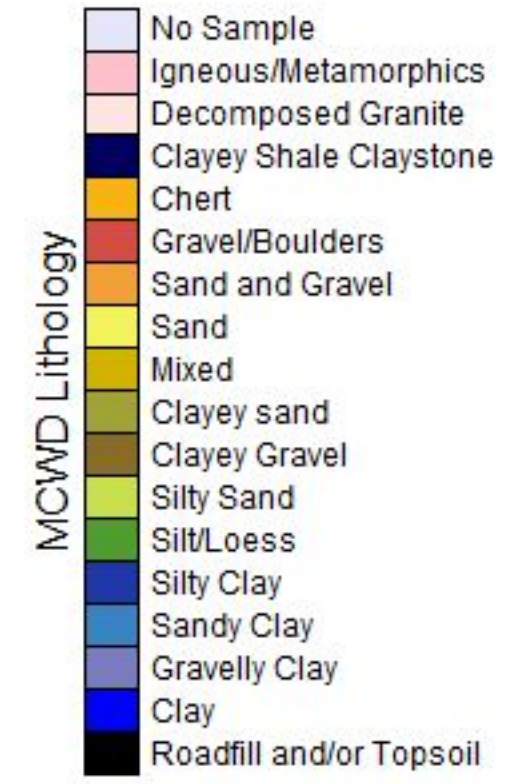
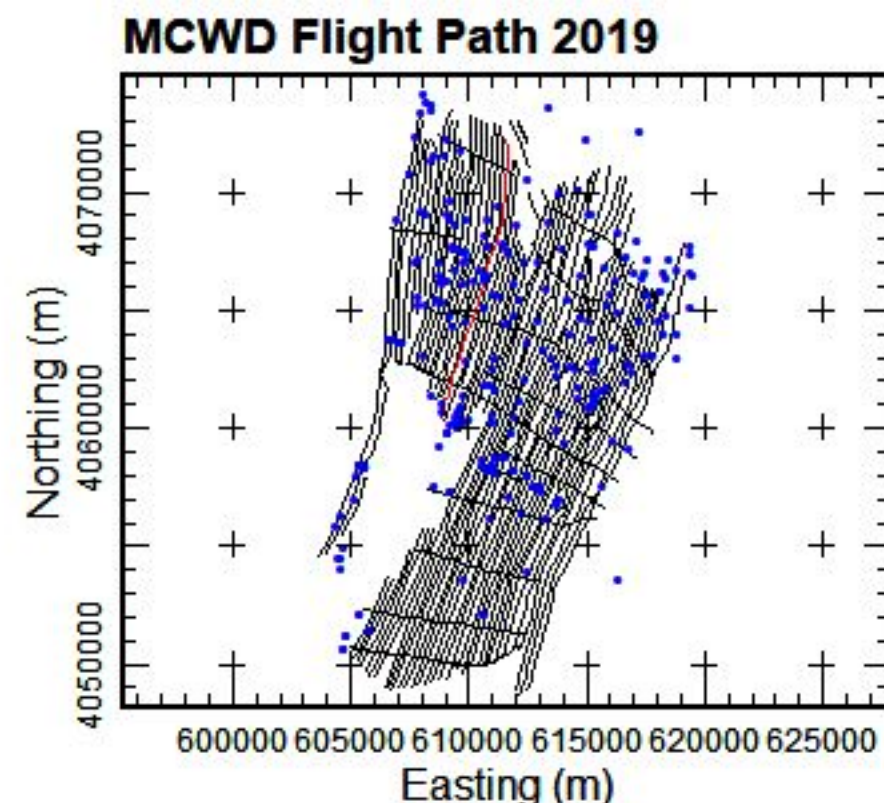
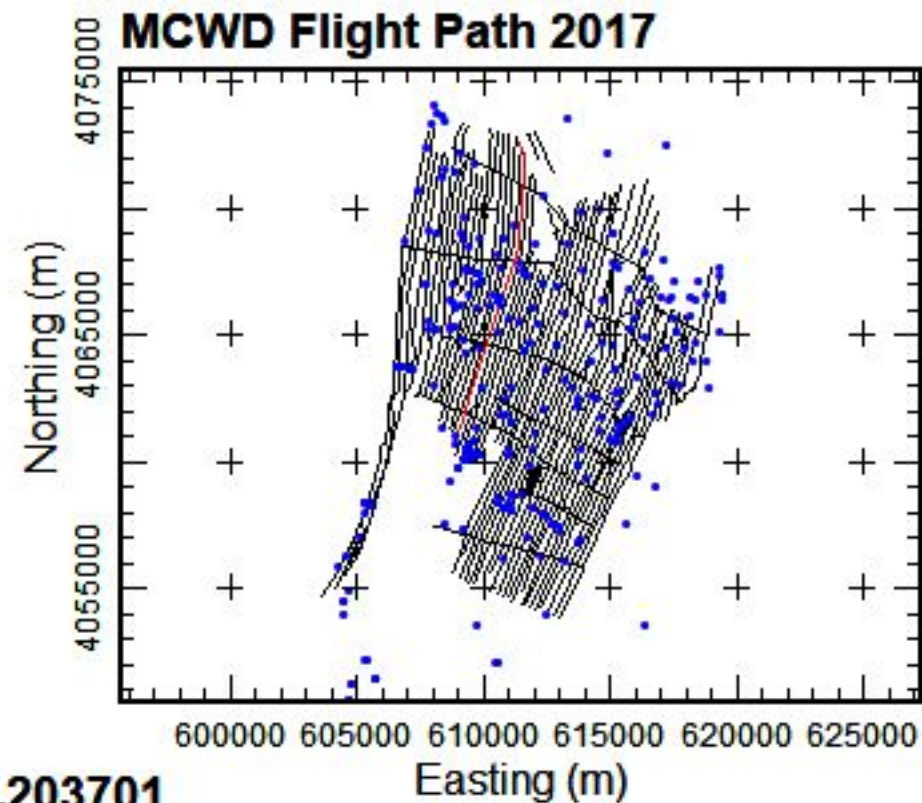
2017 MCWD Profile Line L203401



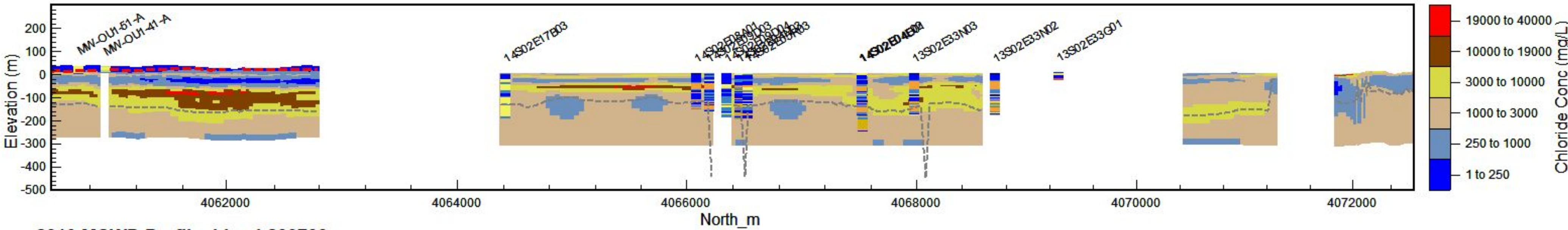
2019 MCWD Profile Line L203400



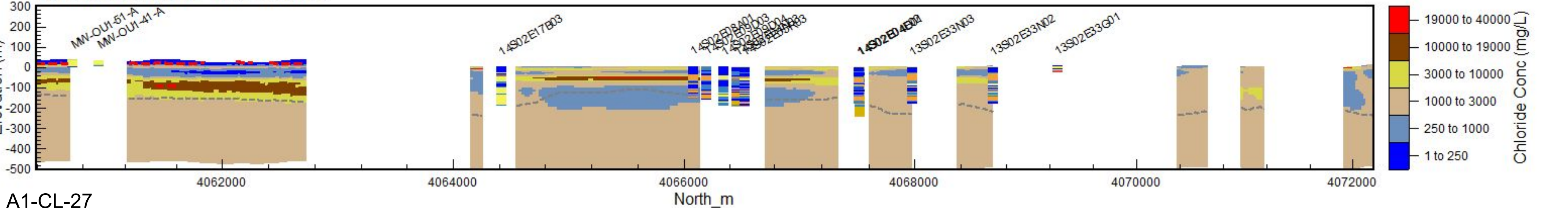
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



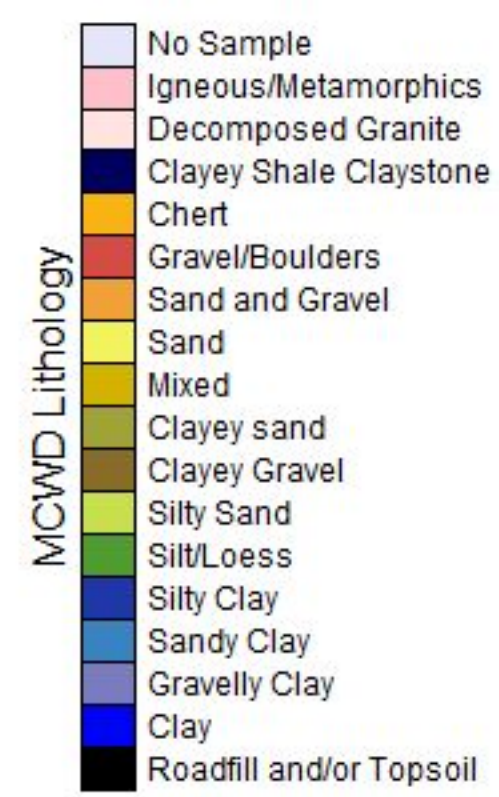
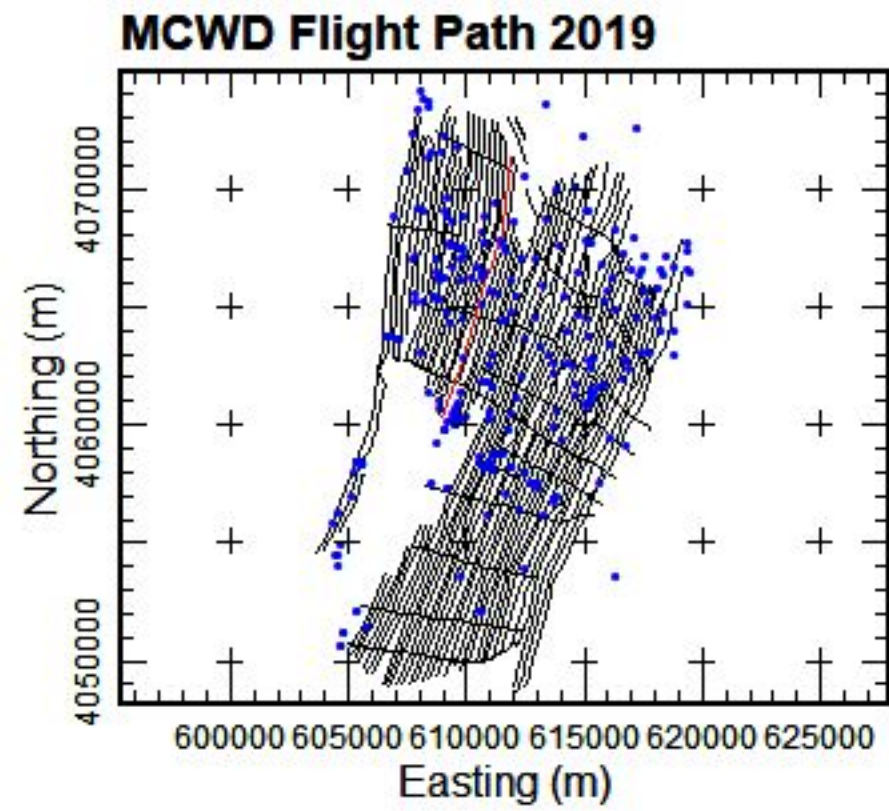
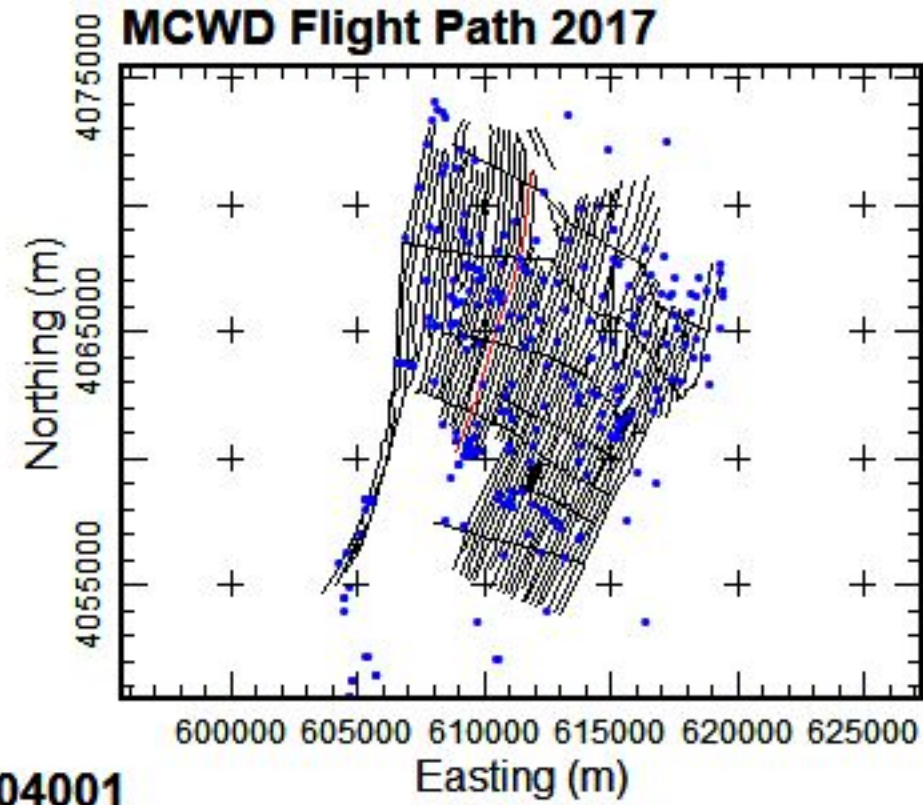
2017 MCWD Profile Line L203701



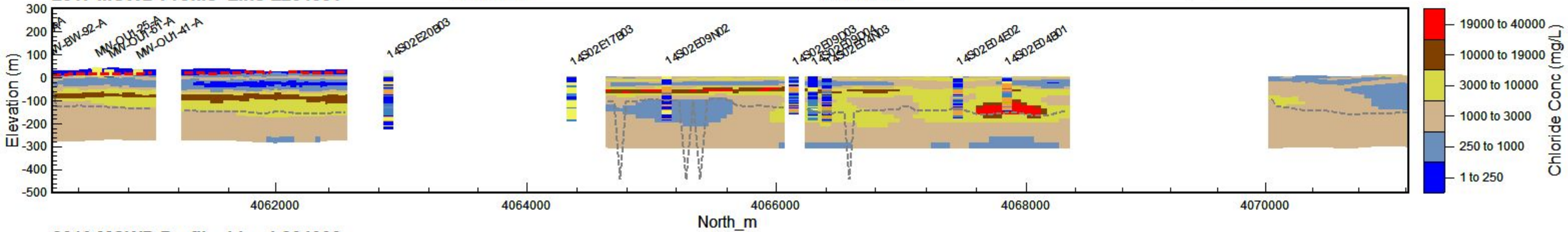
2019 MCWD Profile Line L203700



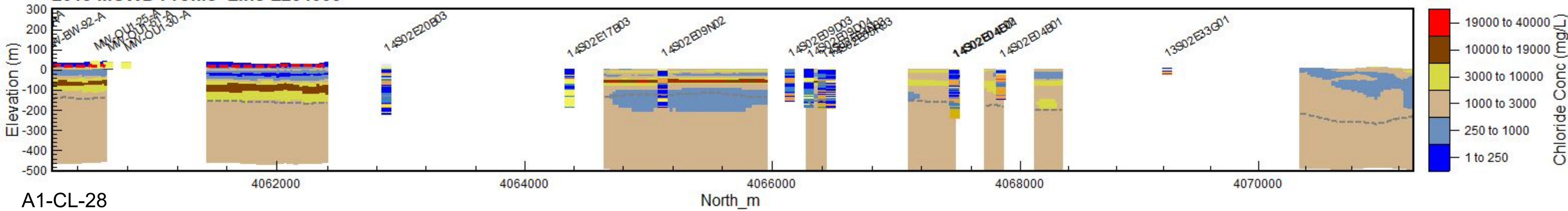
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



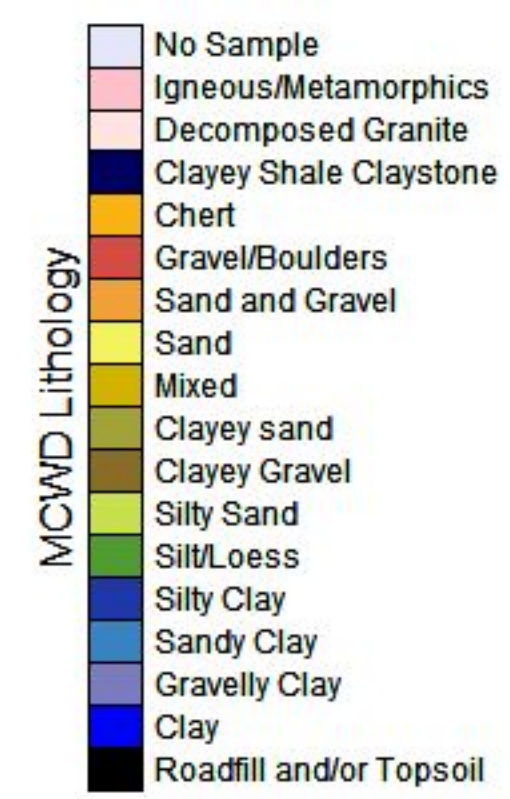
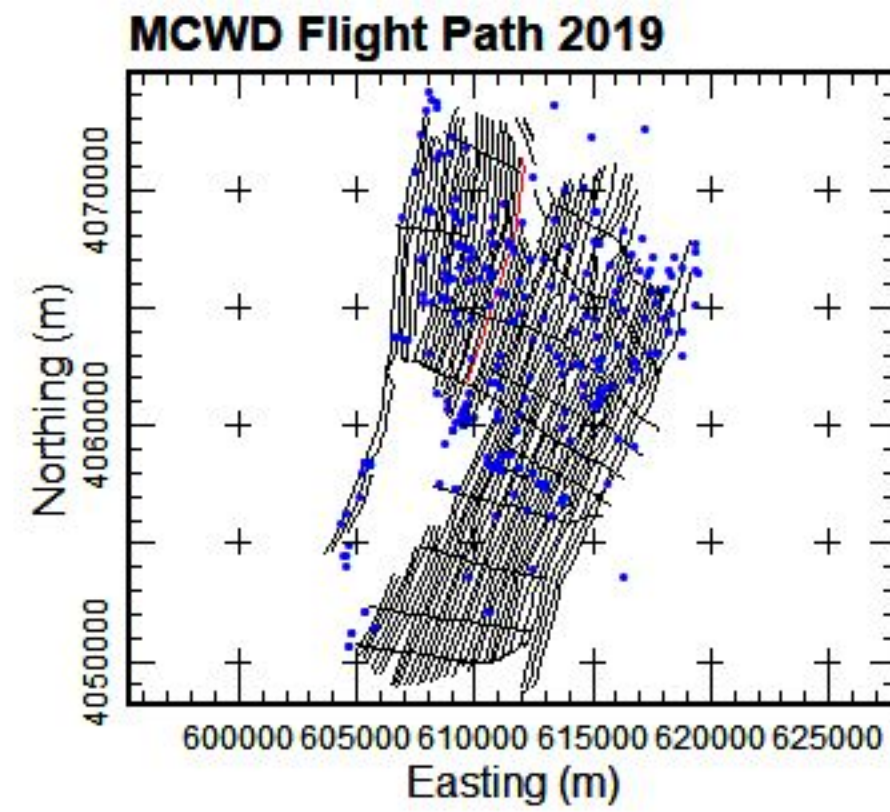
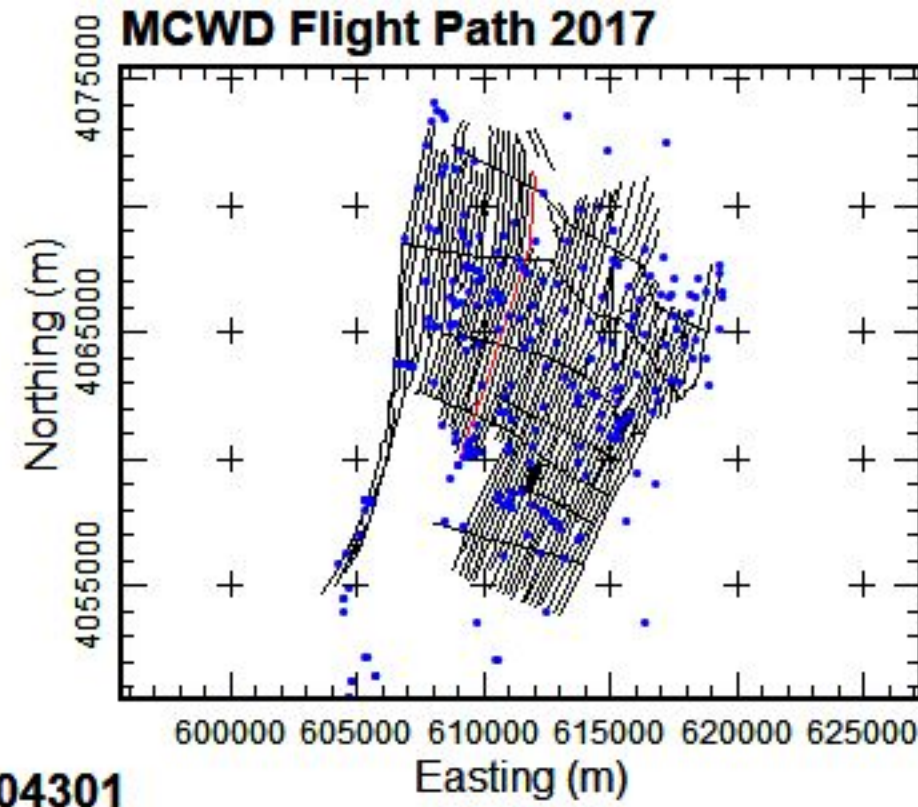
2017 MCWD Profile Line L204001



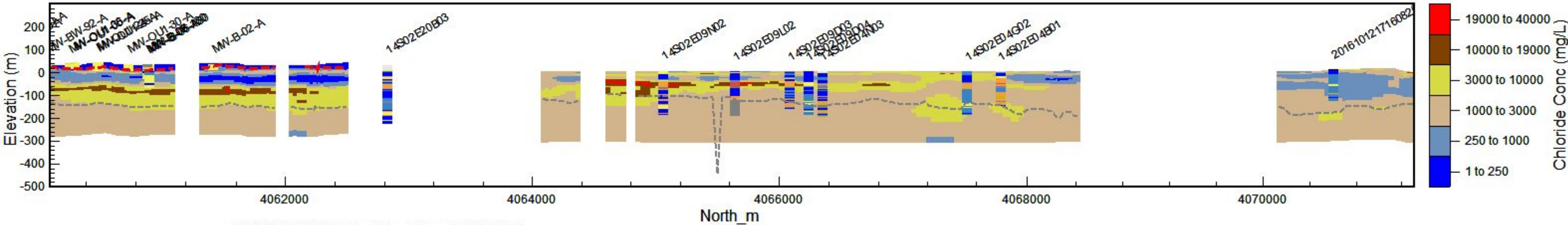
2019 MCWD Profile Line L204000



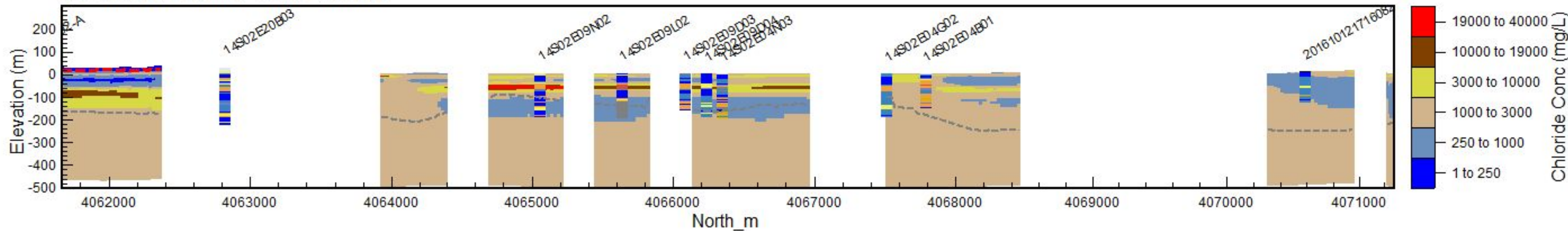
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



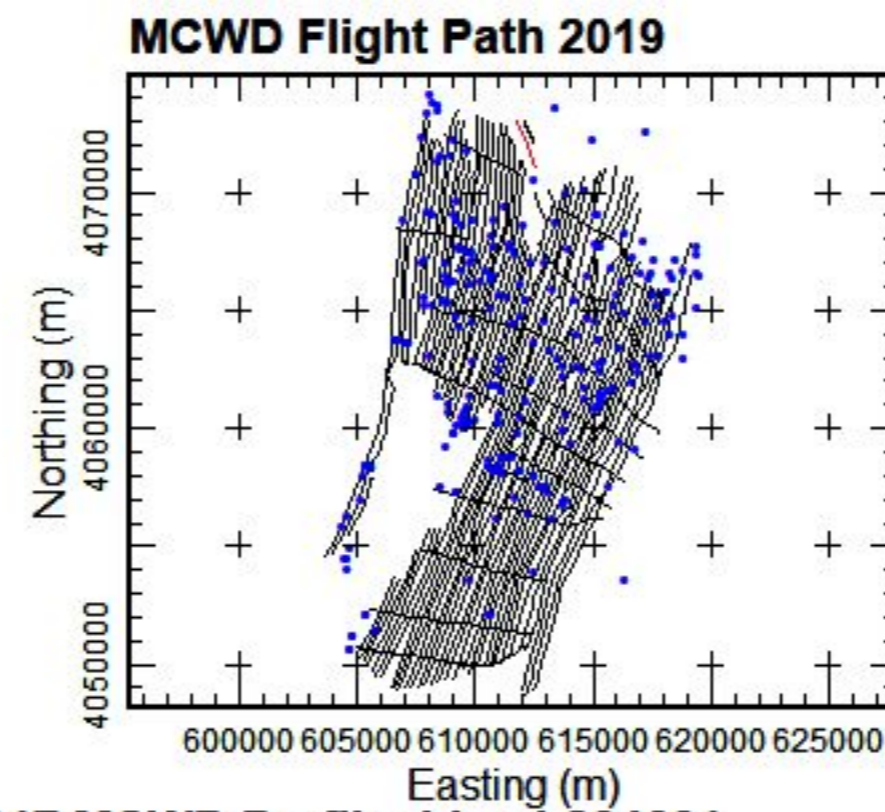
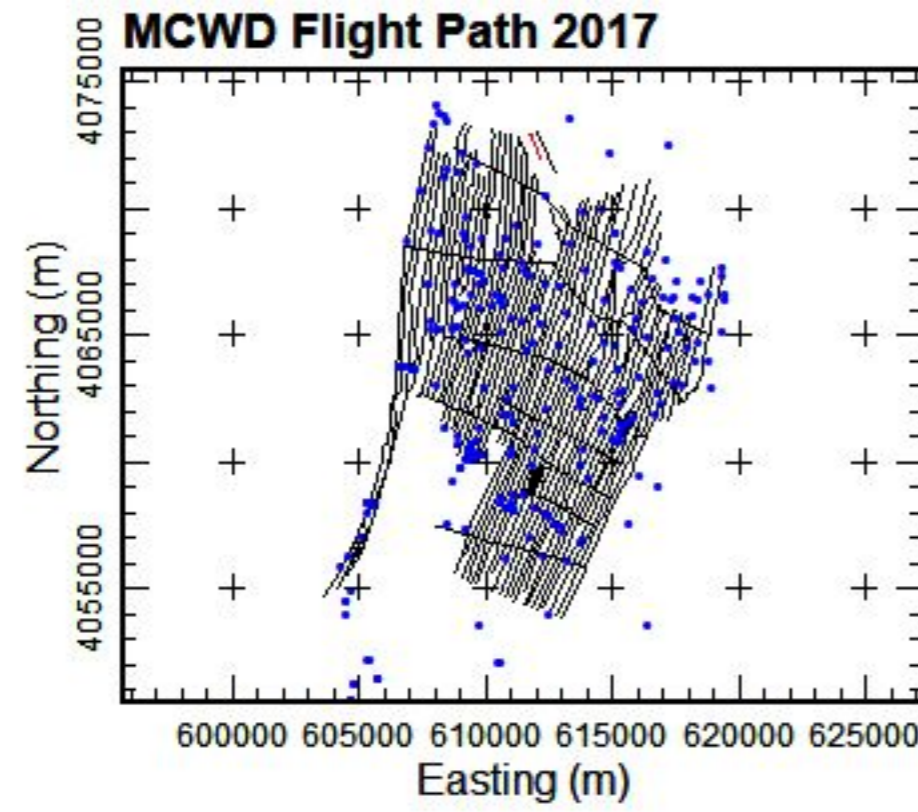
2017 MCWD Profile Line L204301



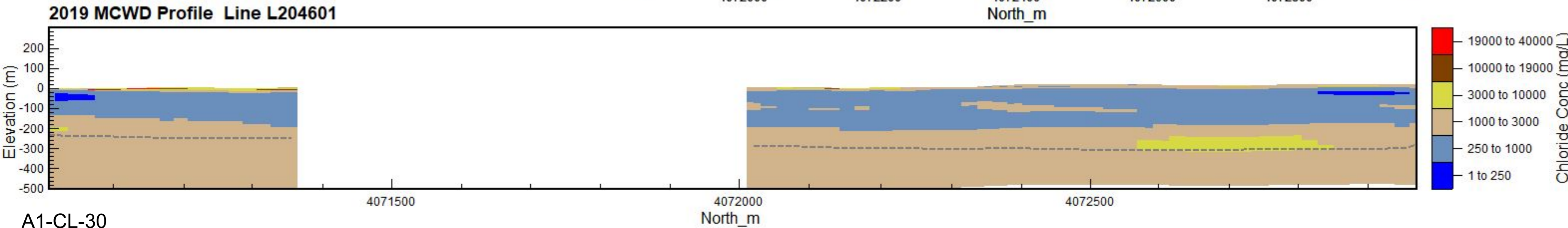
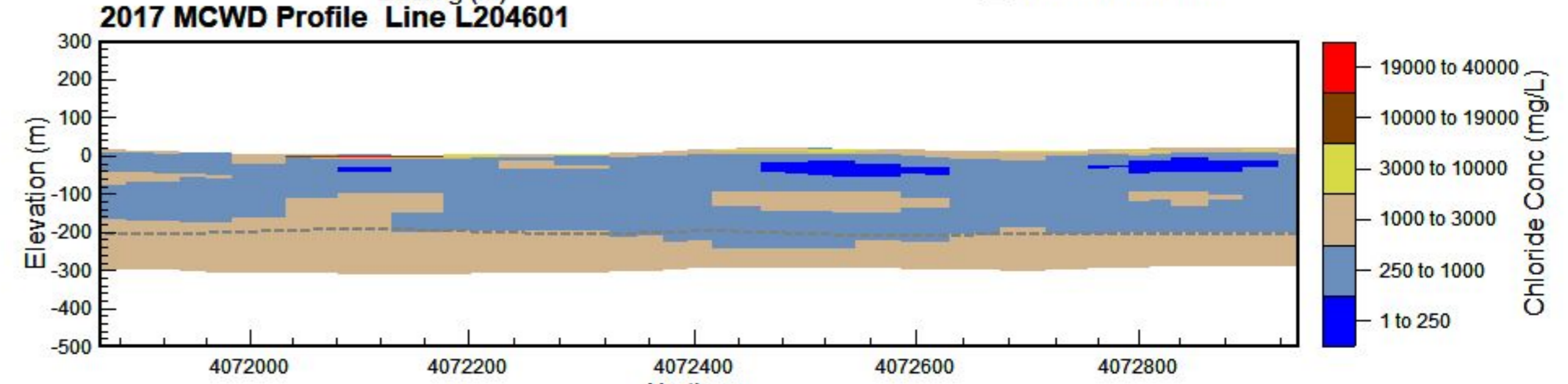
2019 MCWD Profile Line L204300



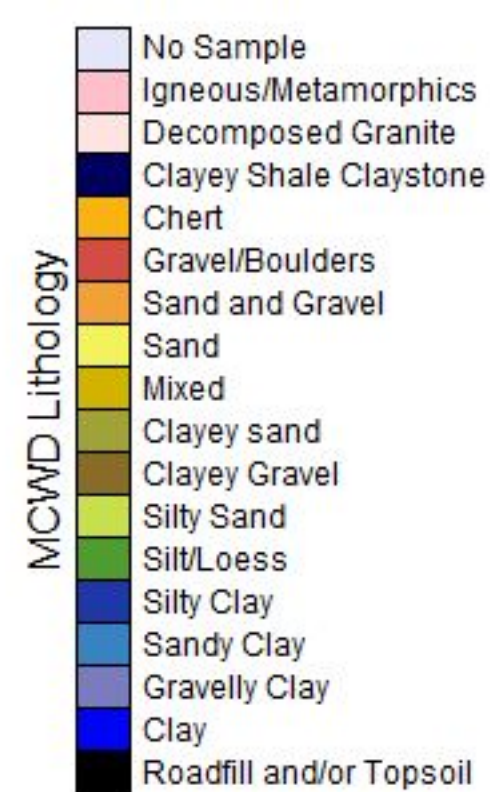
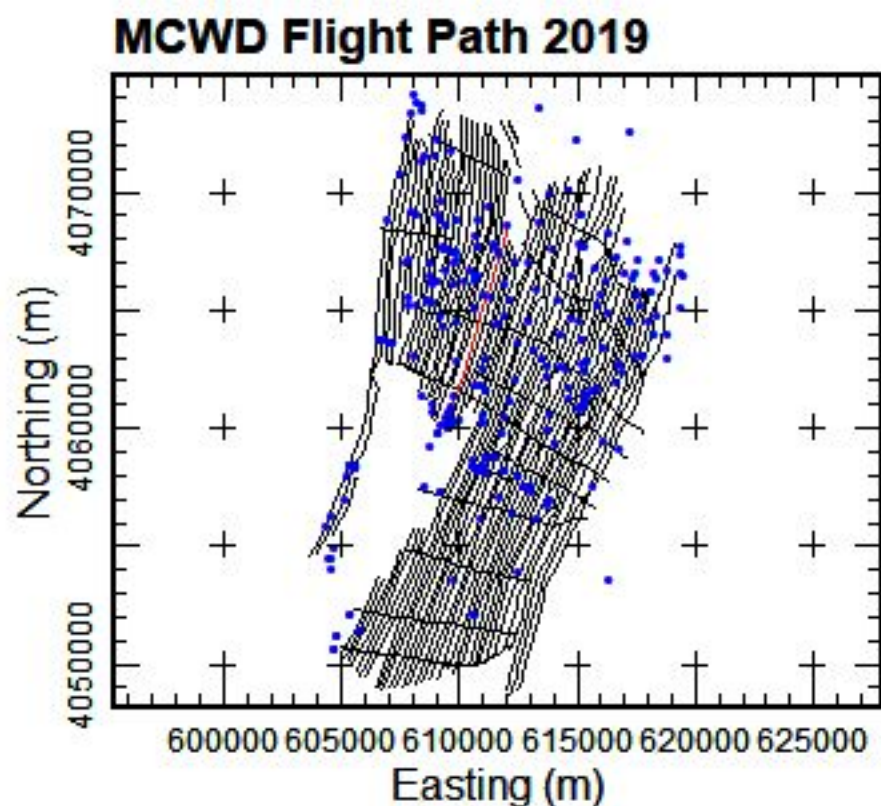
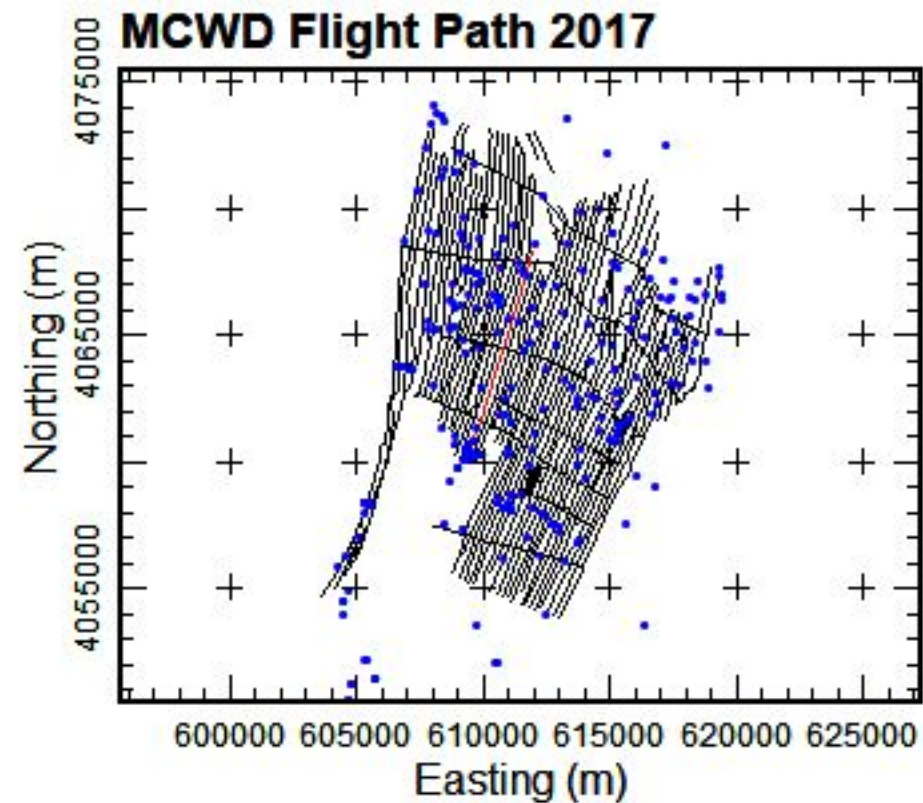
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



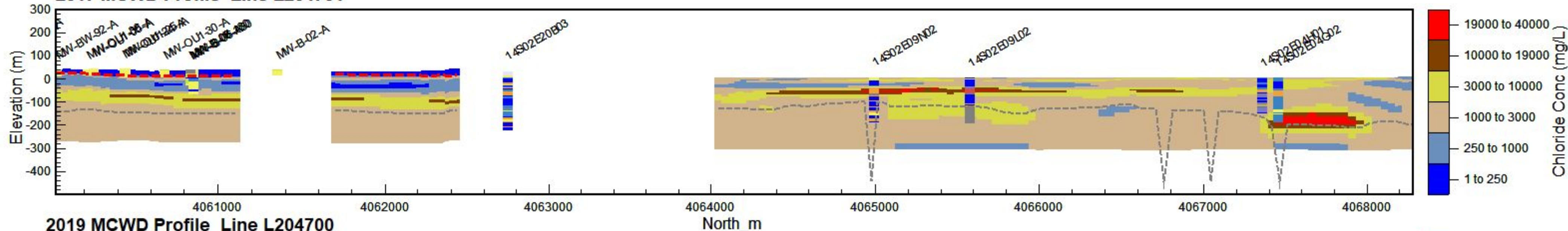
- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil



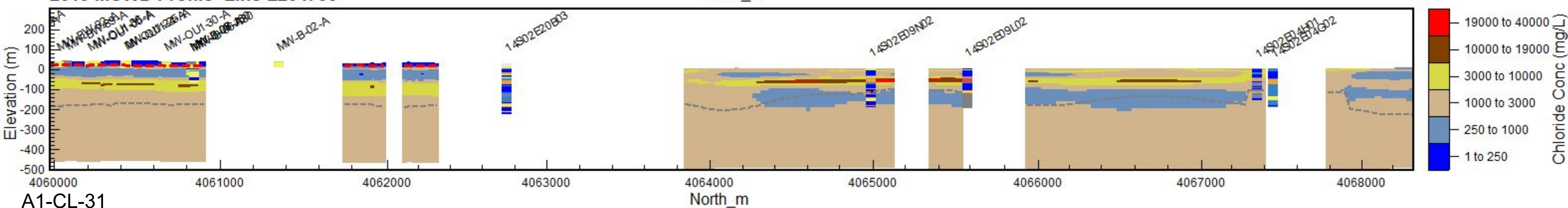
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



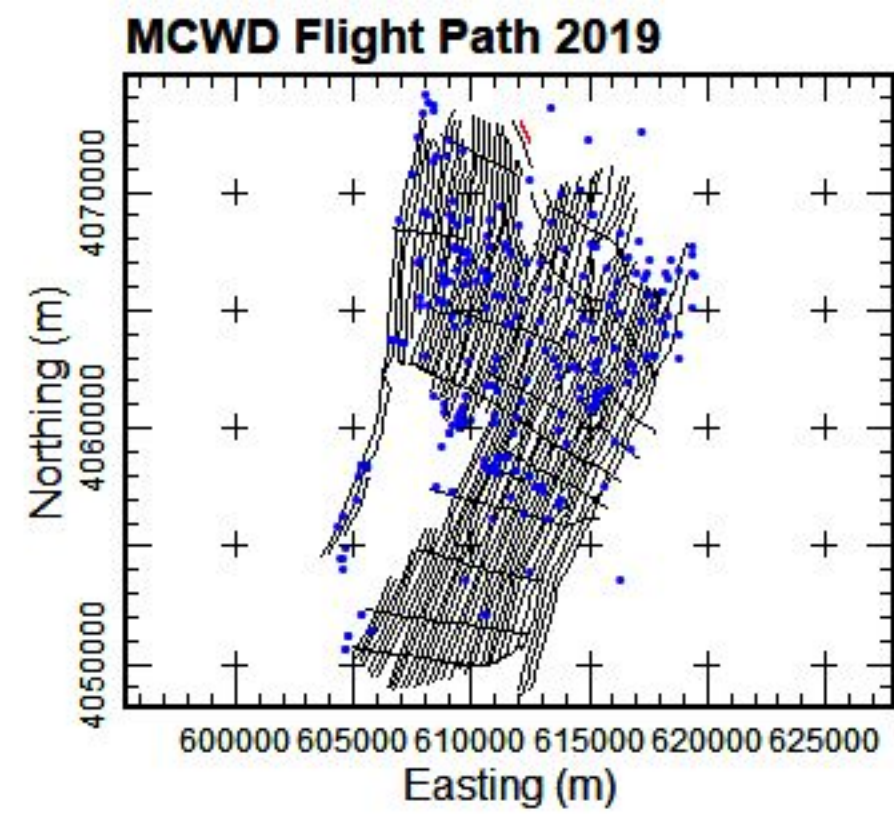
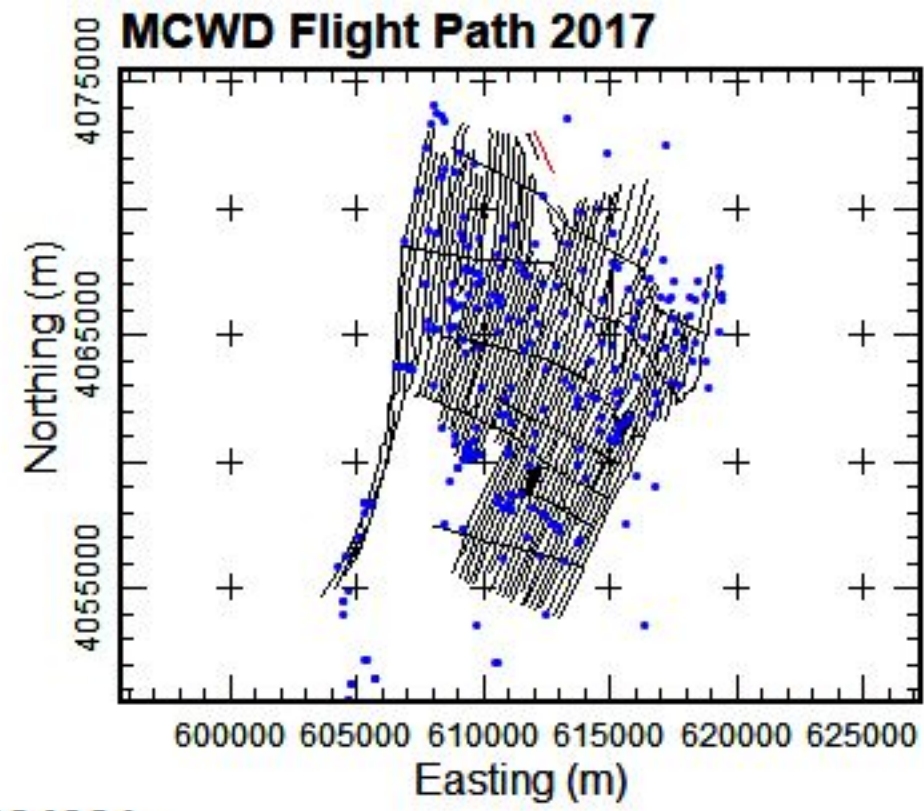
2017 MCWD Profile Line L204701



2019 MCWD Profile Line L204700

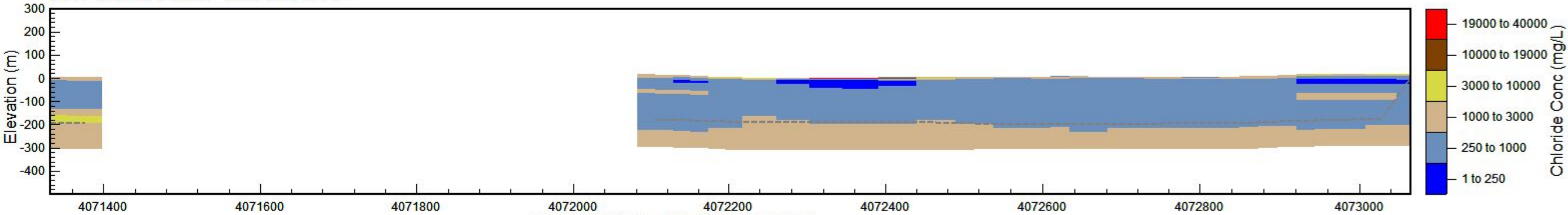


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

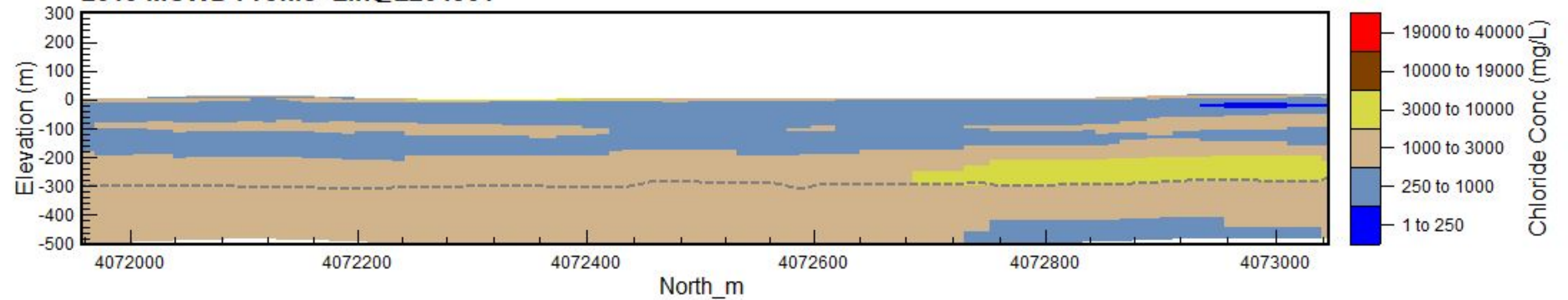


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

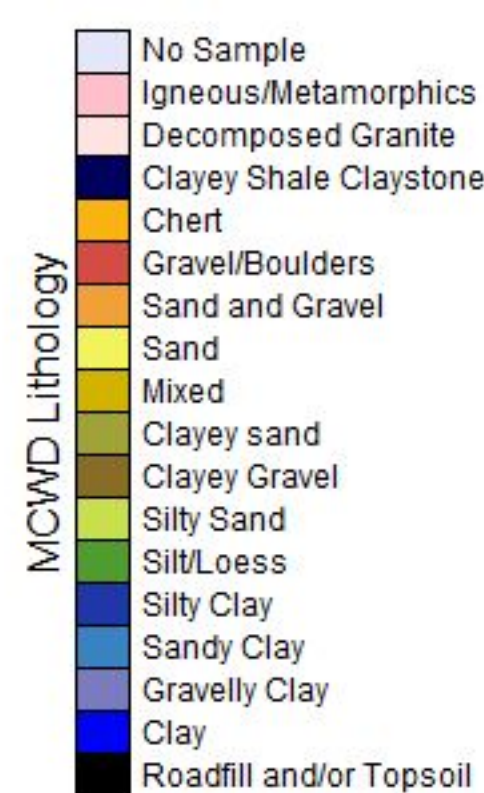
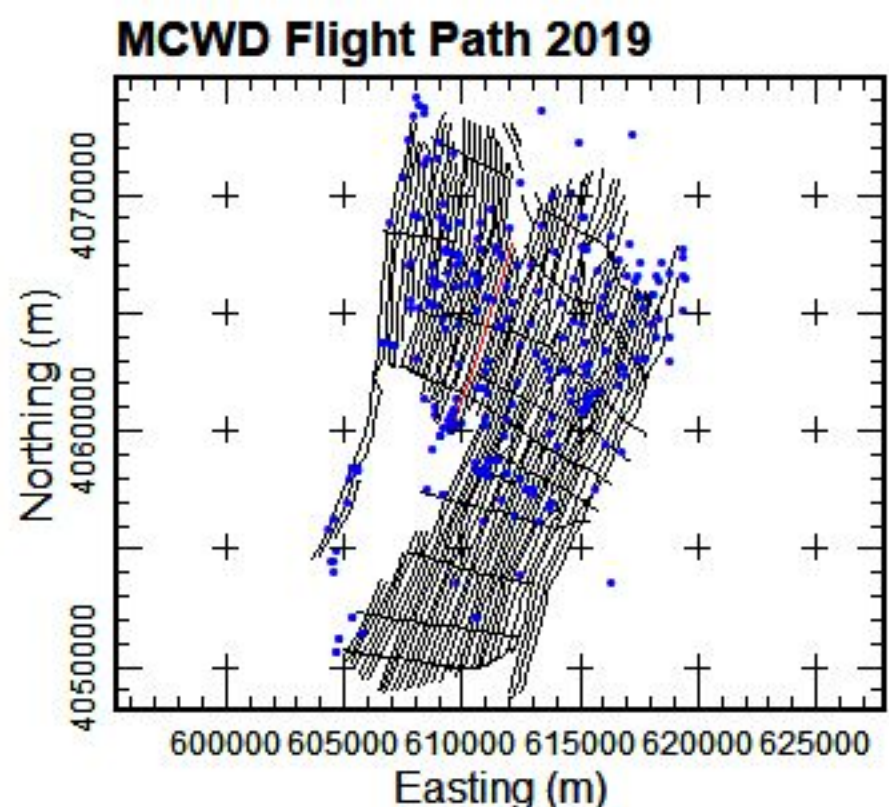
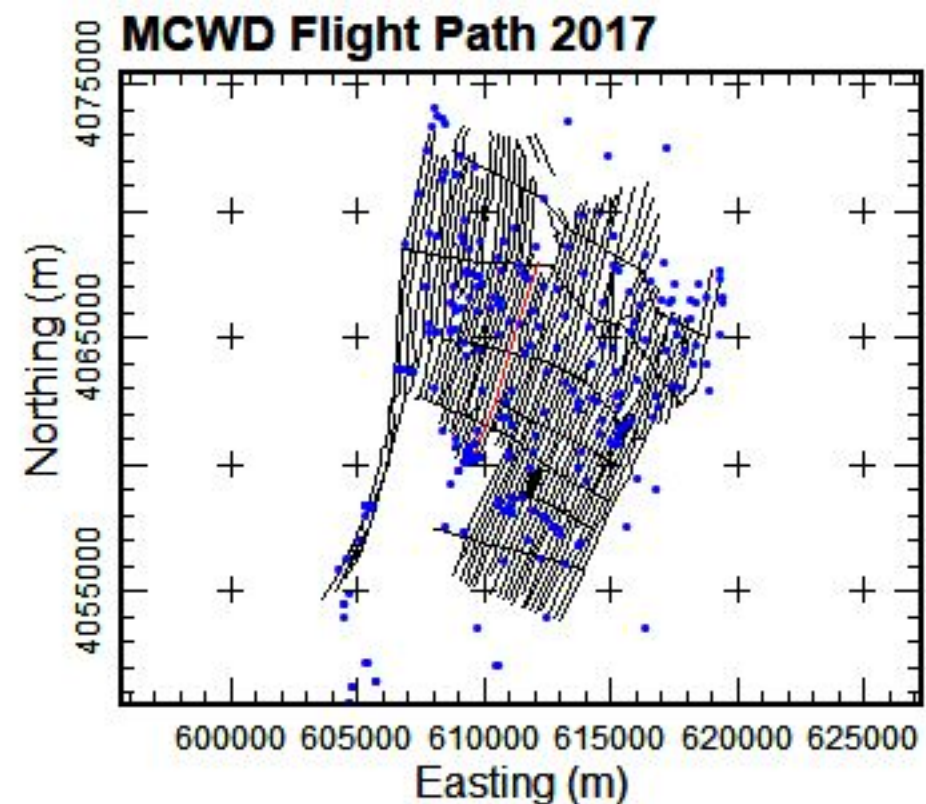
2017 MCWD Profile Line L204901



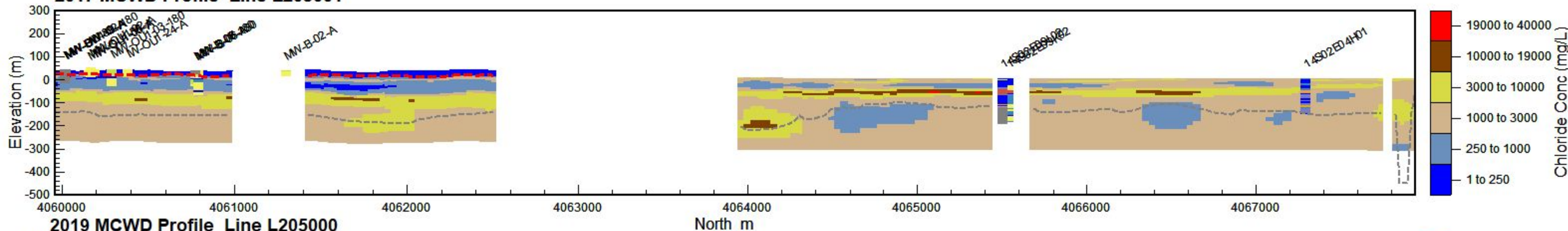
2019 MCWD Profile Line L204901



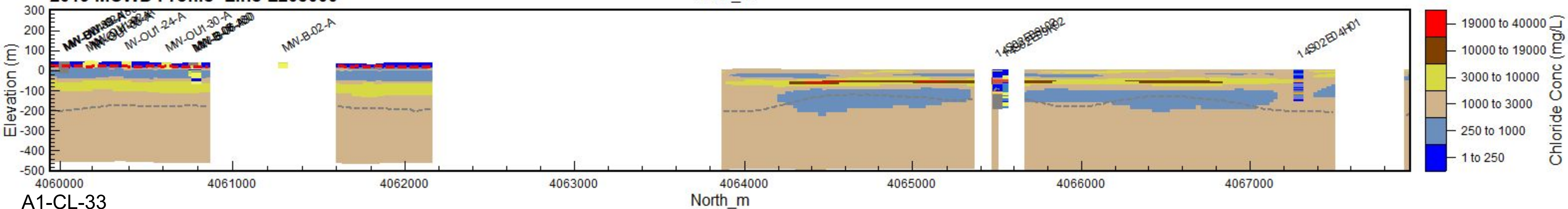
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



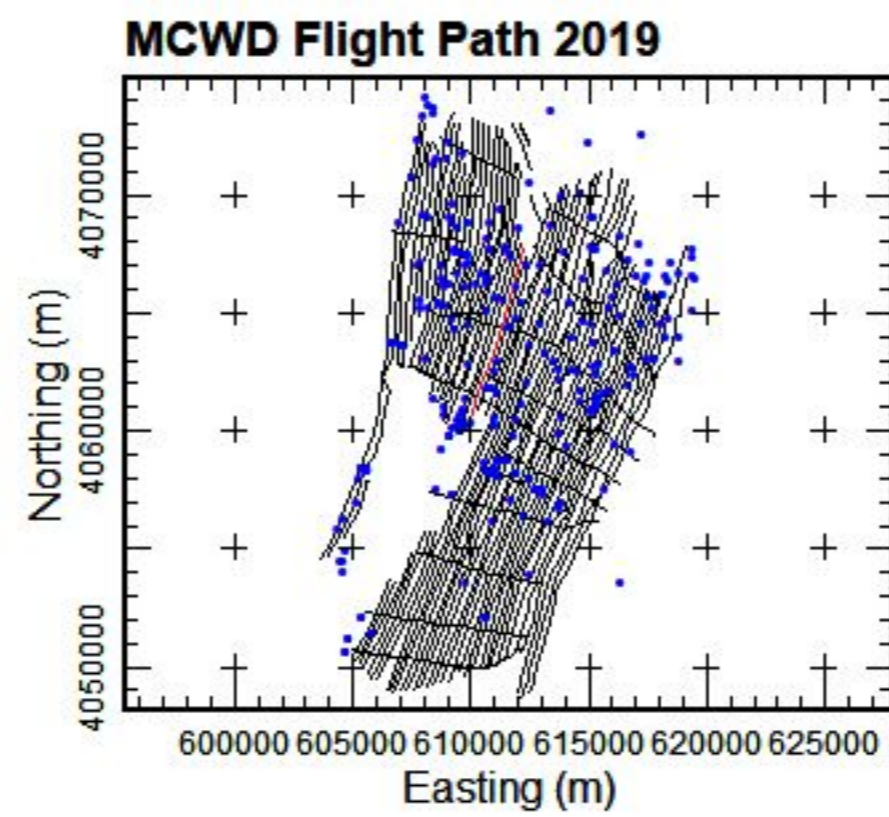
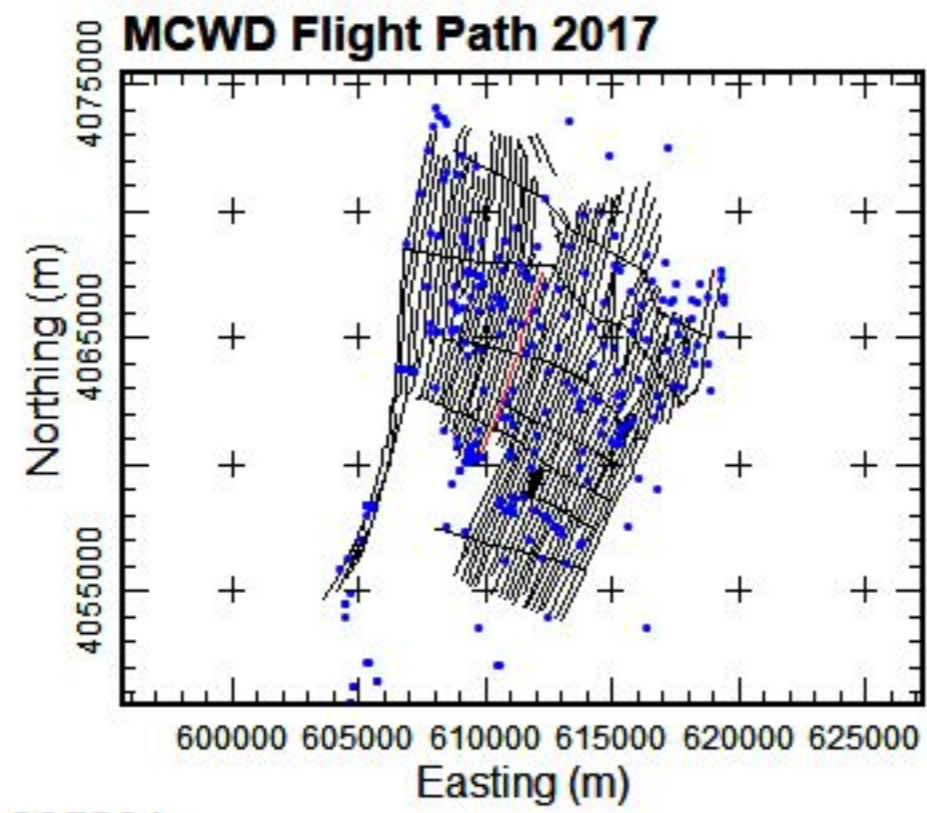
2017 MCWD Profile Line L205001



2019 MCWD Profile Line L205000

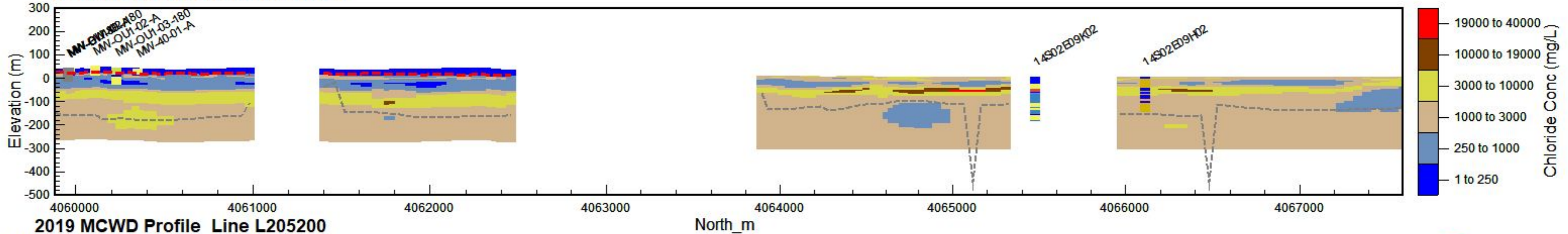


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

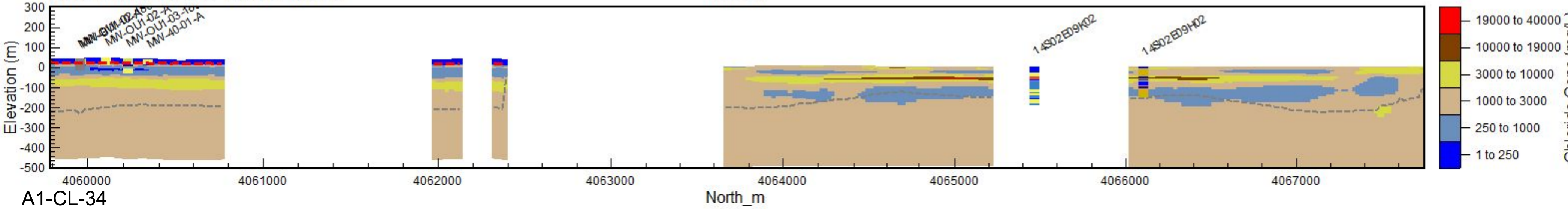


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

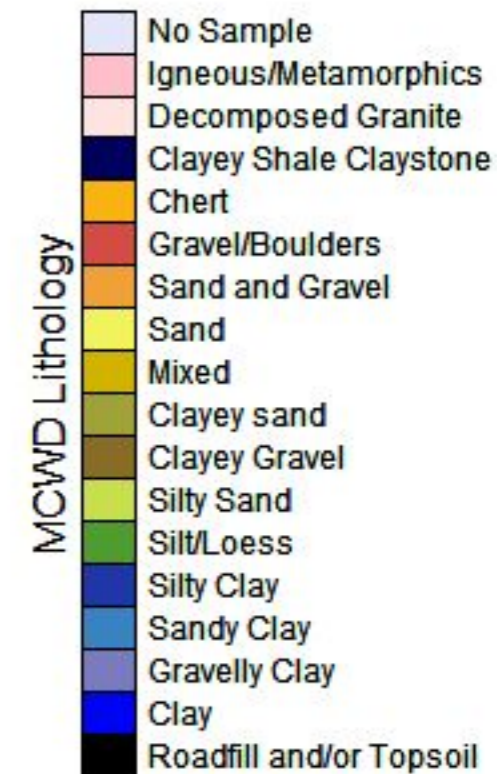
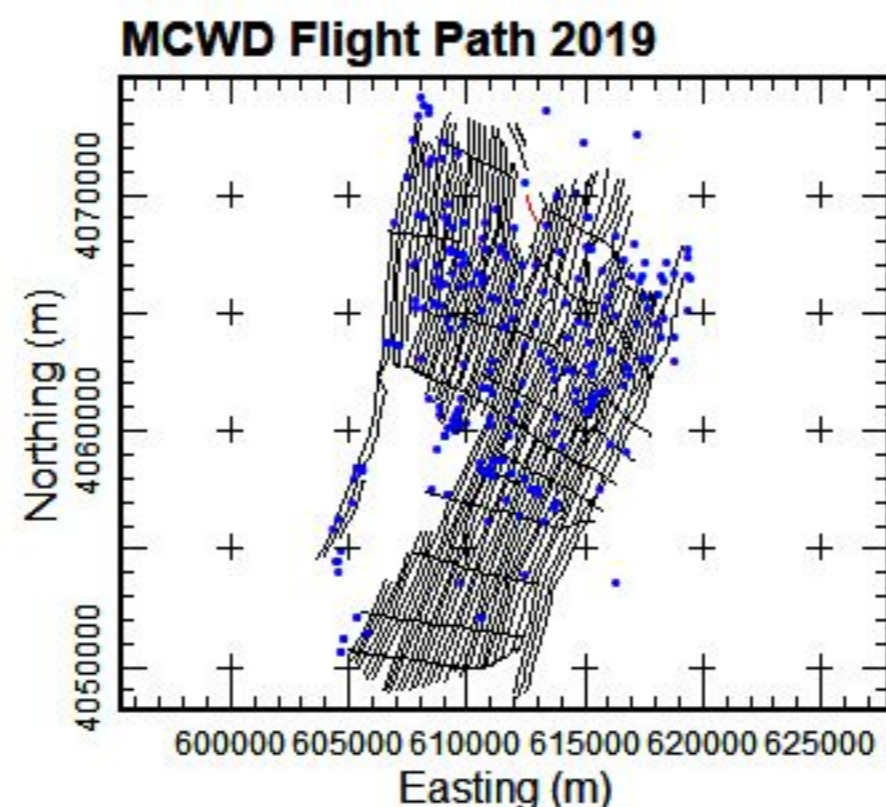
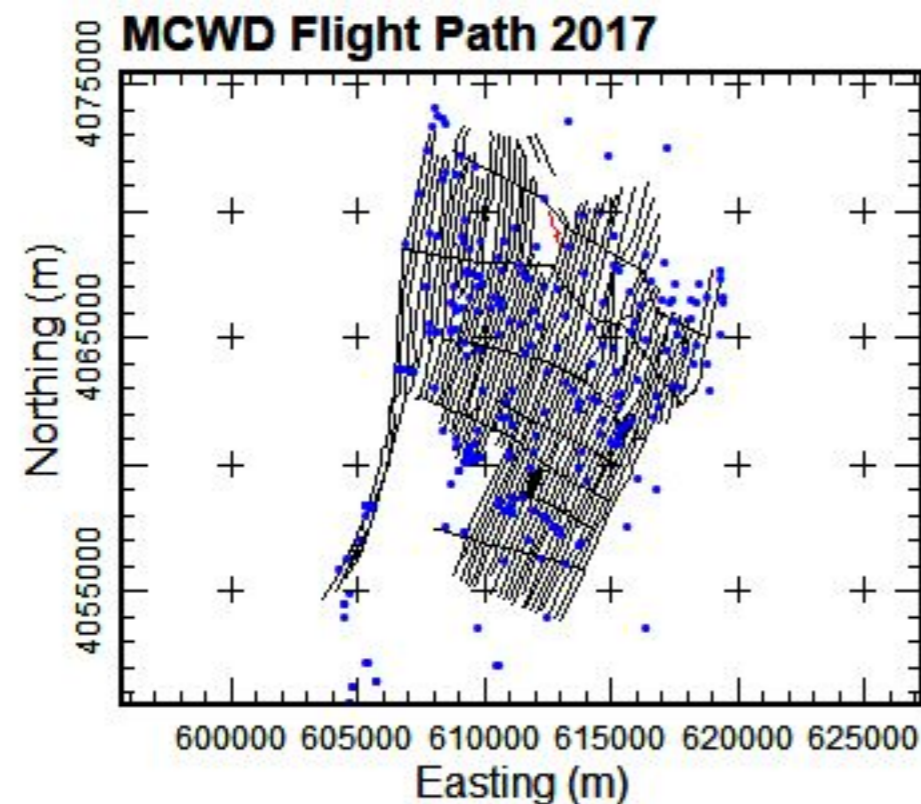
2017 MCWD Profile Line L205201



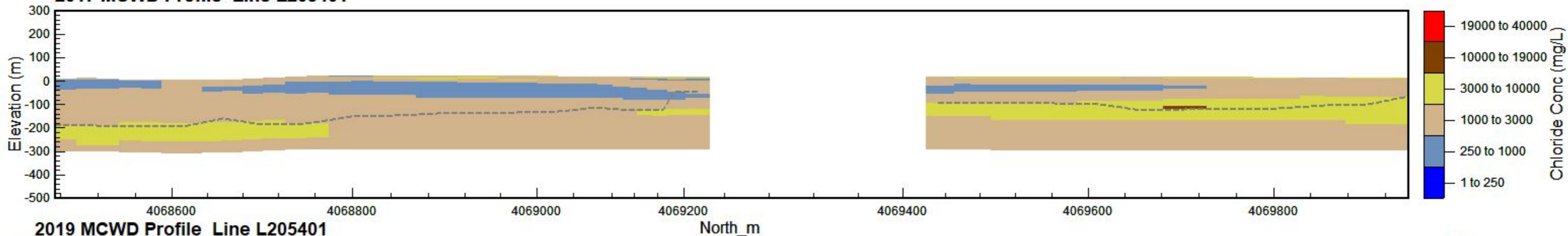
2019 MCWD Profile Line L205200



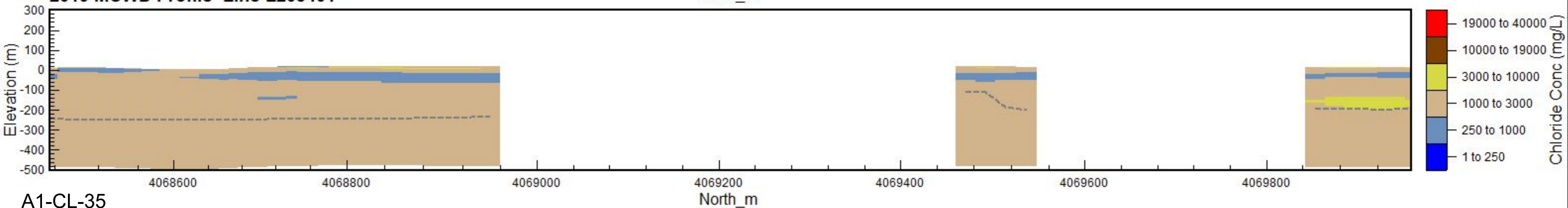
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



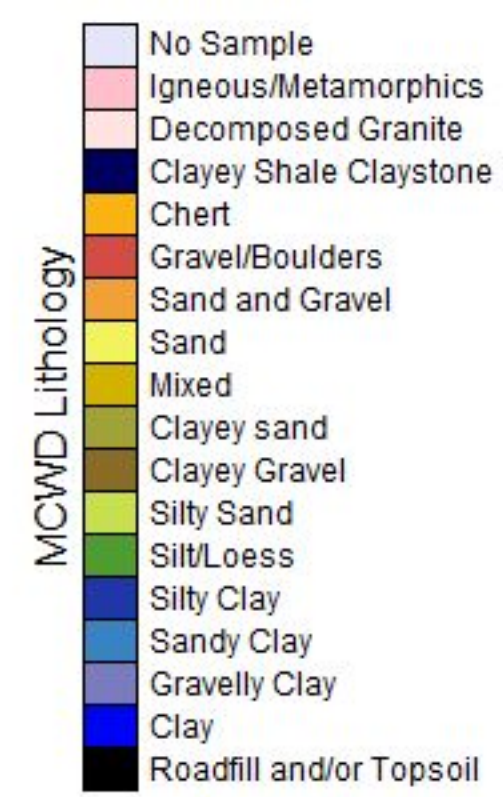
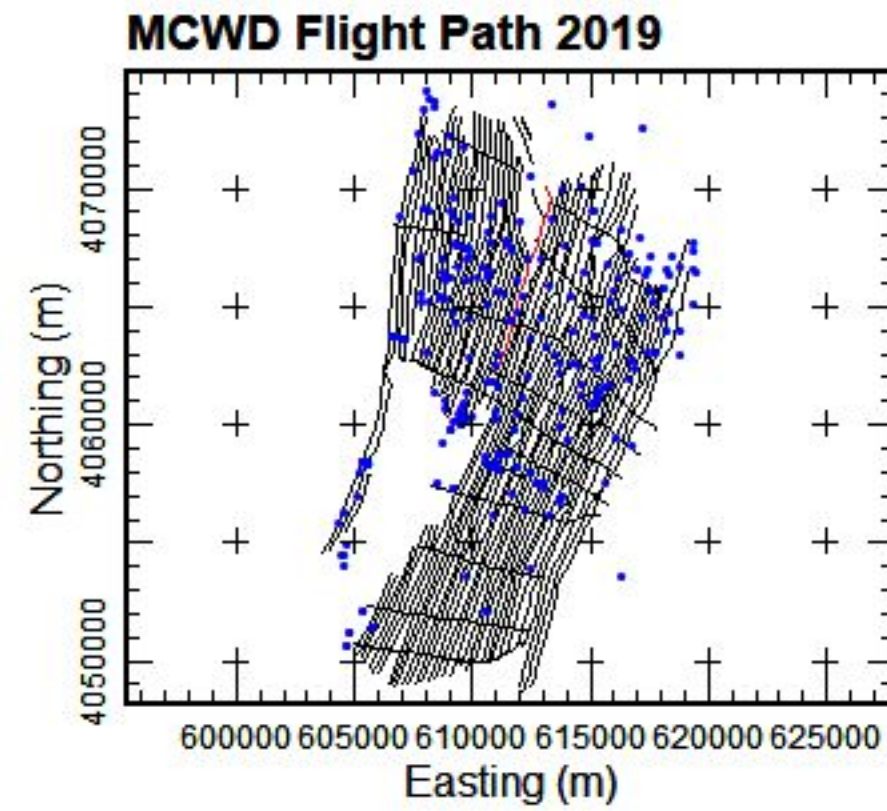
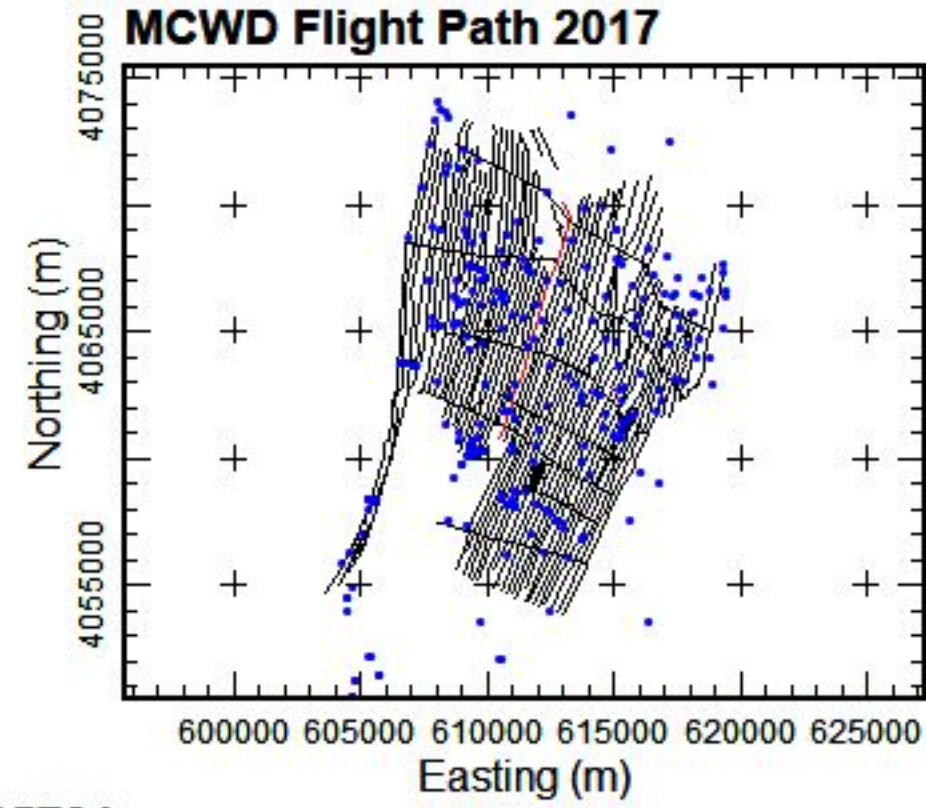
2017 MCWD Profile Line L205401



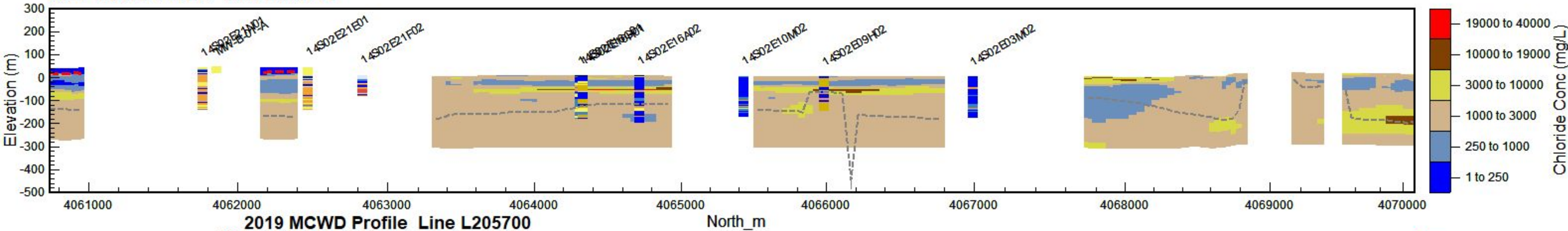
2019 MCWD Profile Line L205401



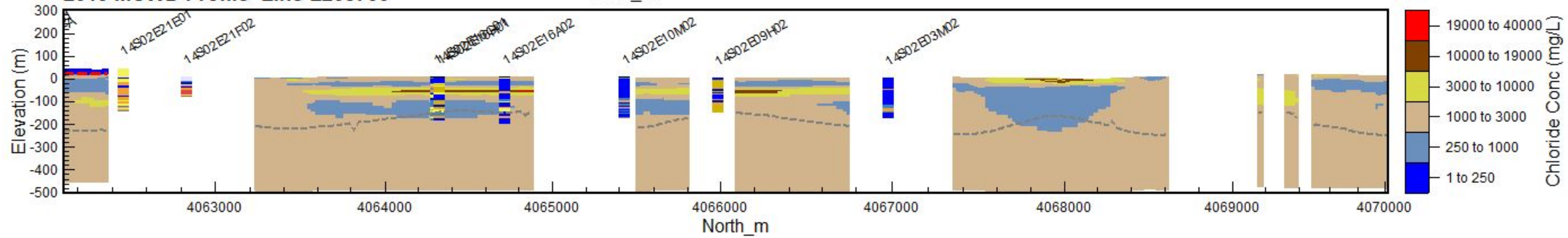
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



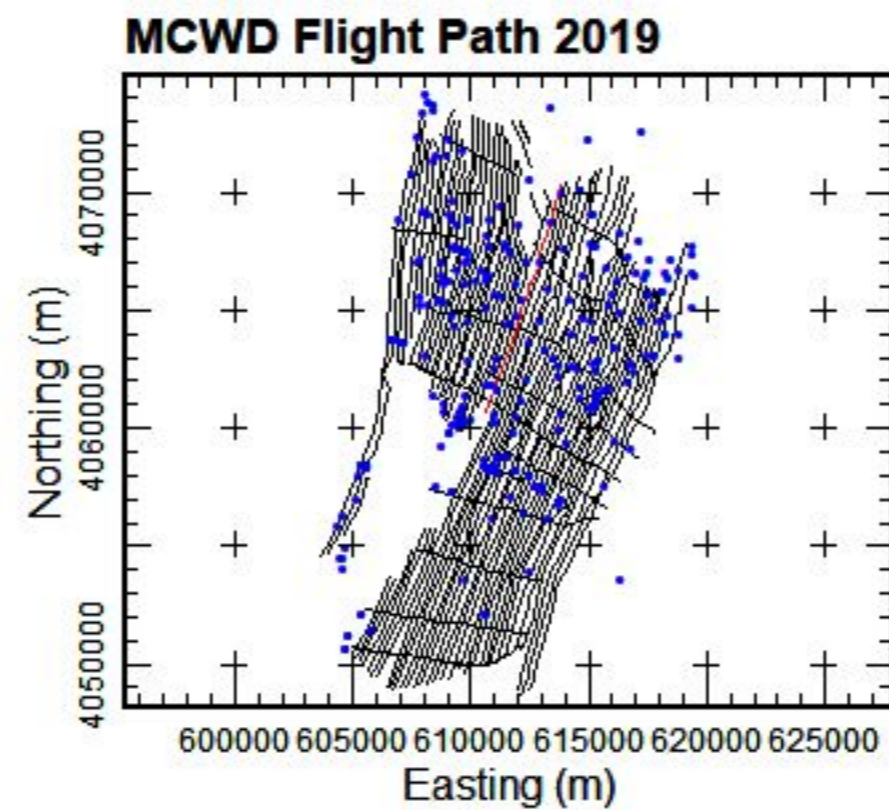
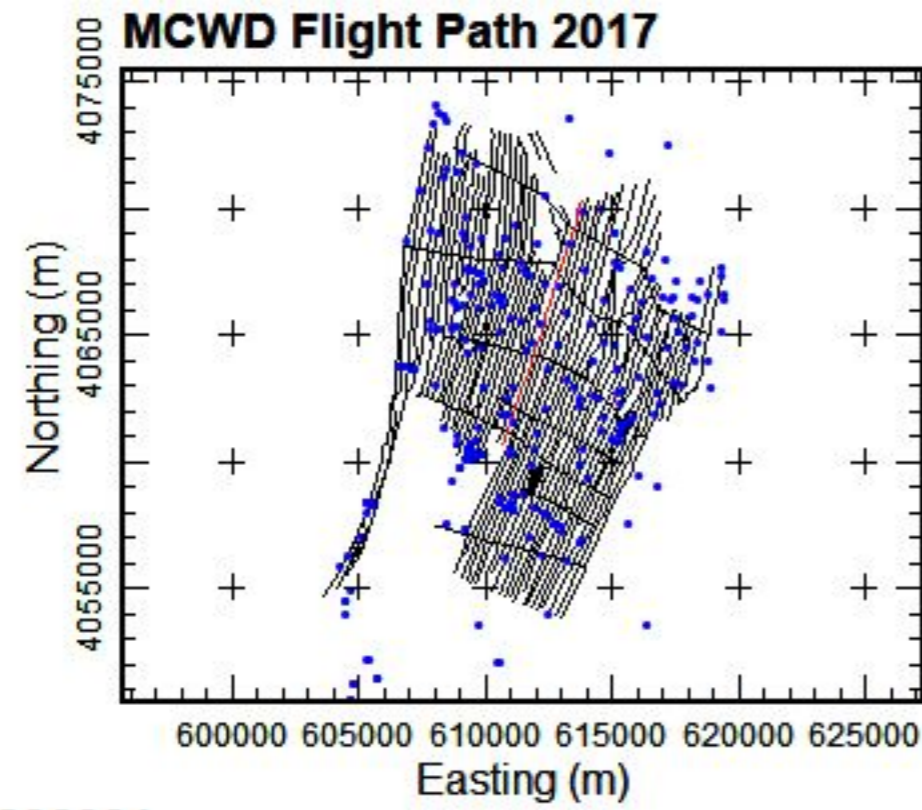
2017 MCWD Profile Line L205701



2019 MCWD Profile Line L205700

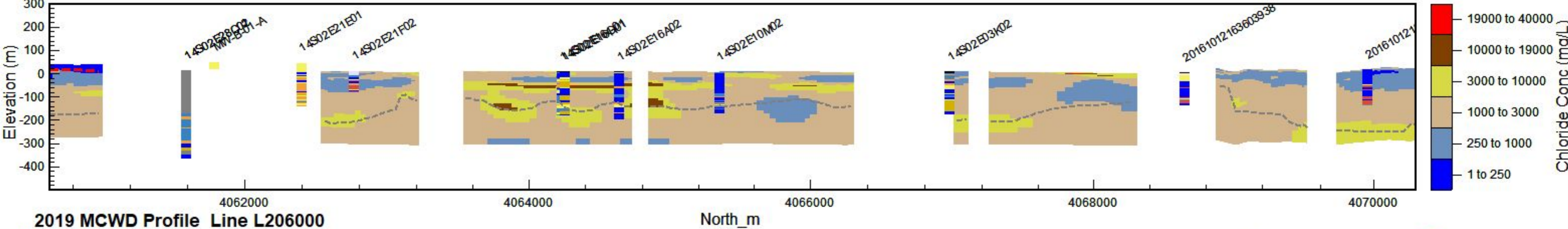


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

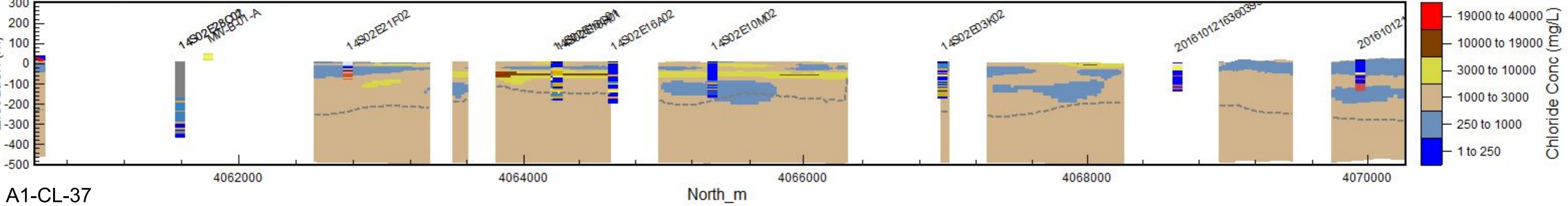


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

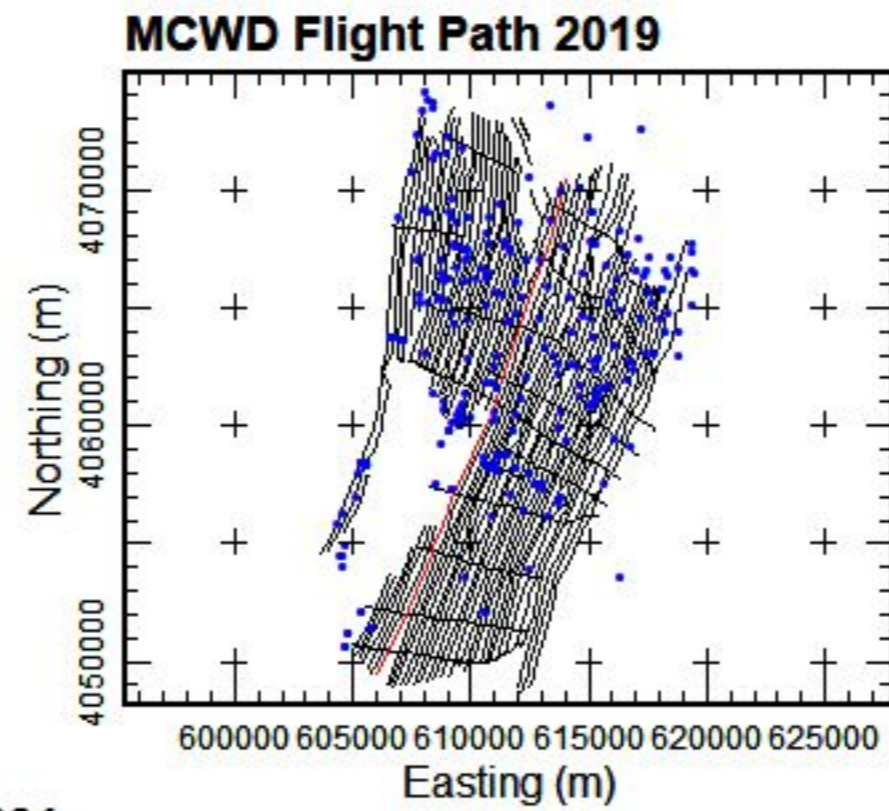
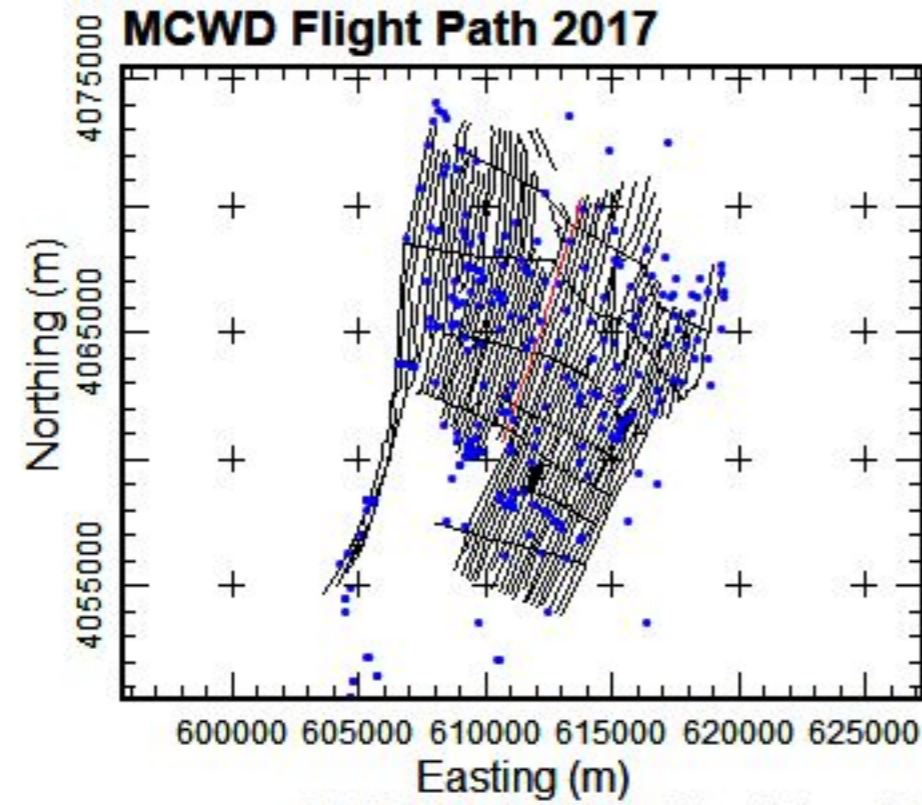
2017 MCWD Profile Line L206001



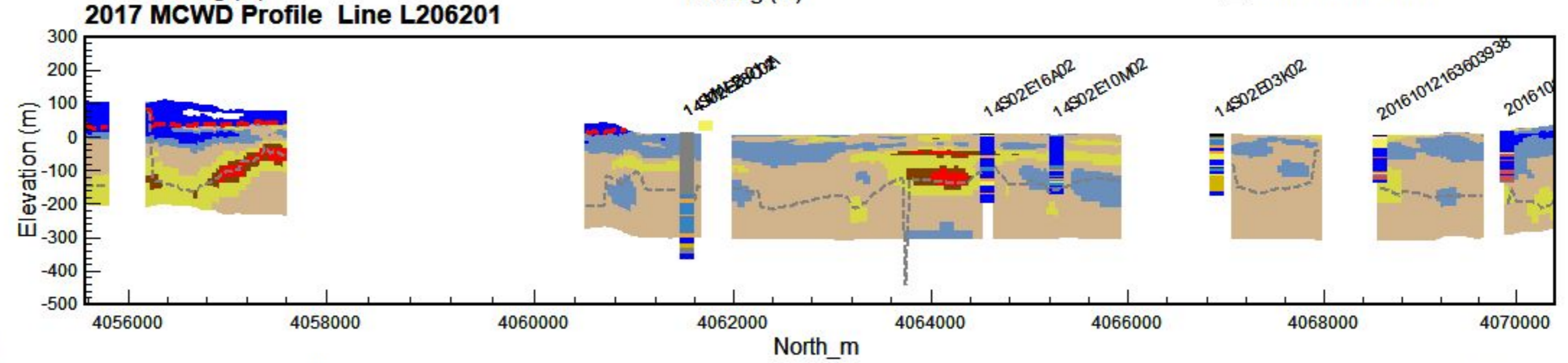
2019 MCWD Profile Line L206000



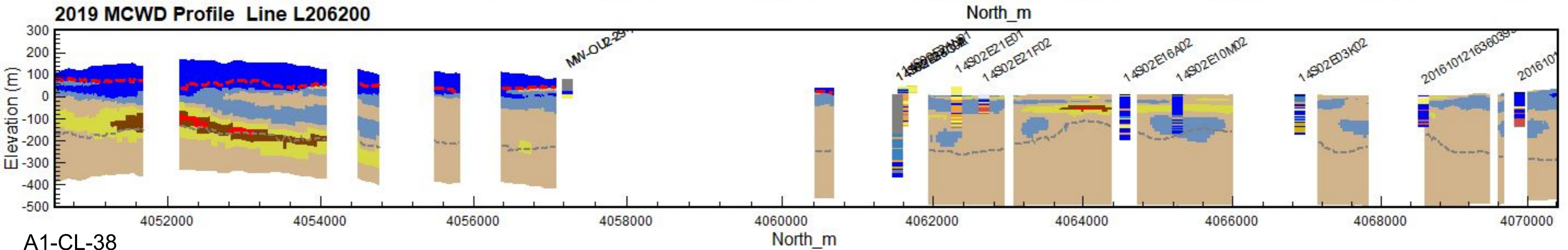
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

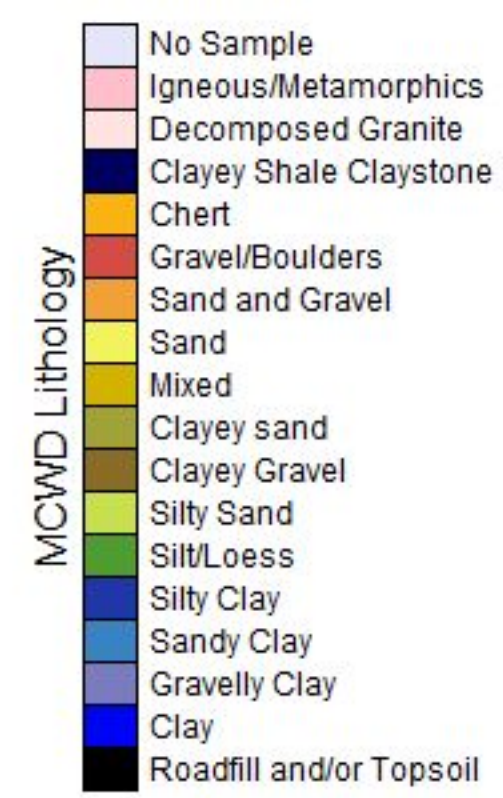
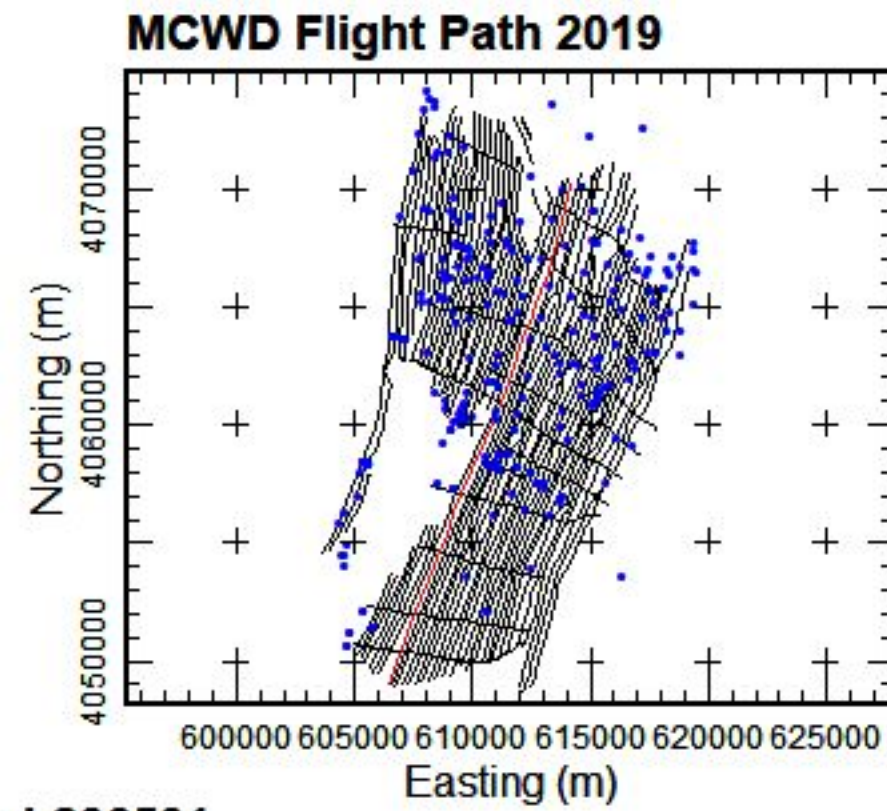
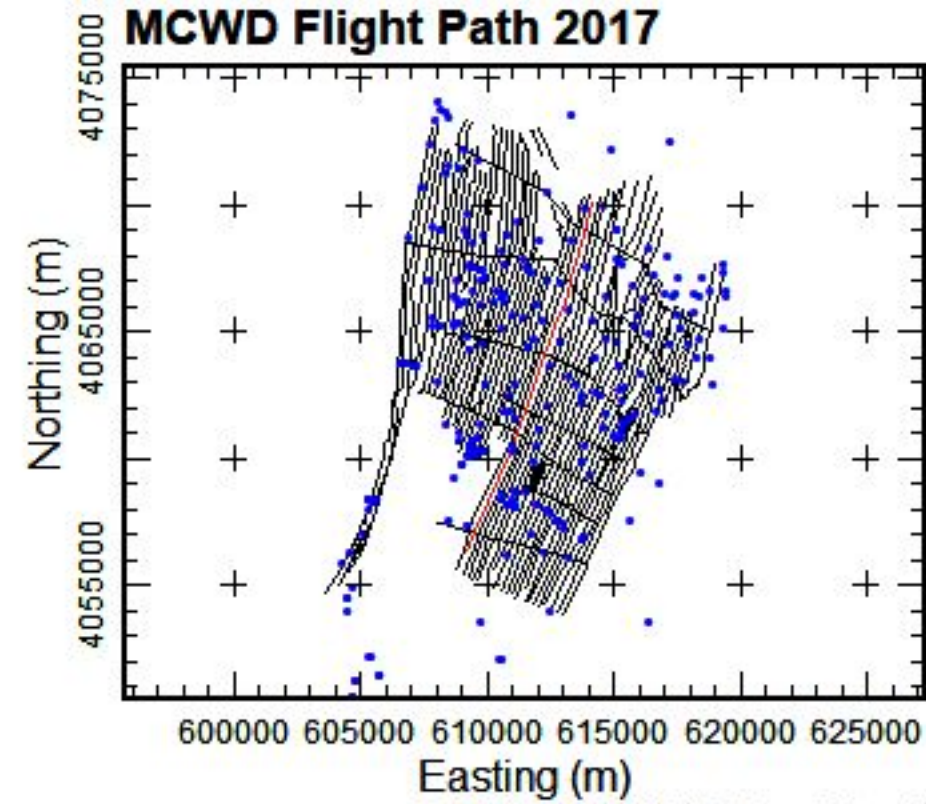


- Chloride Conc (mg/L)**
- 19000 to 40000
 - 10000 to 19000
 - 3000 to 10000
 - 1000 to 3000
 - 250 to 1000
 - 1 to 250

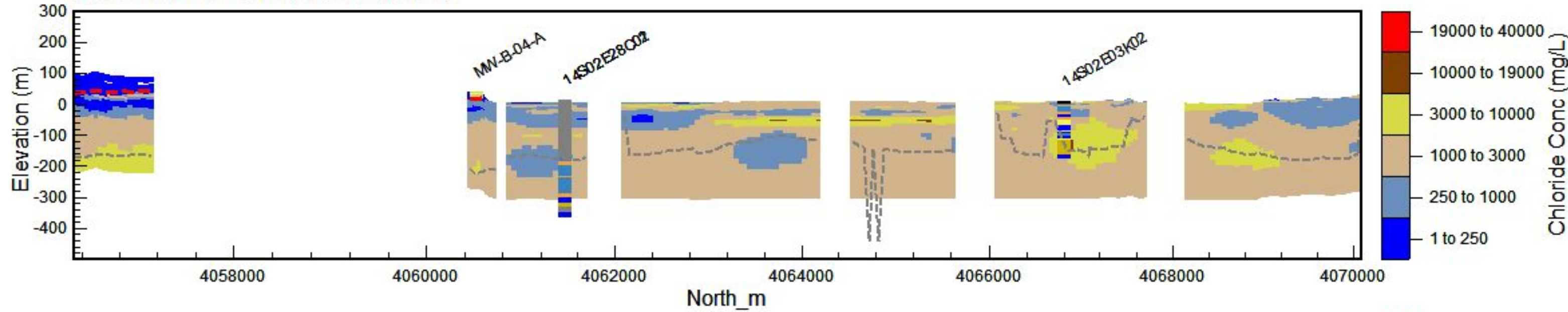


- Chloride Conc (mg/L)**
- 19000 to 40000
 - 10000 to 19000
 - 3000 to 10000
 - 1000 to 3000
 - 250 to 1000
 - 1 to 250

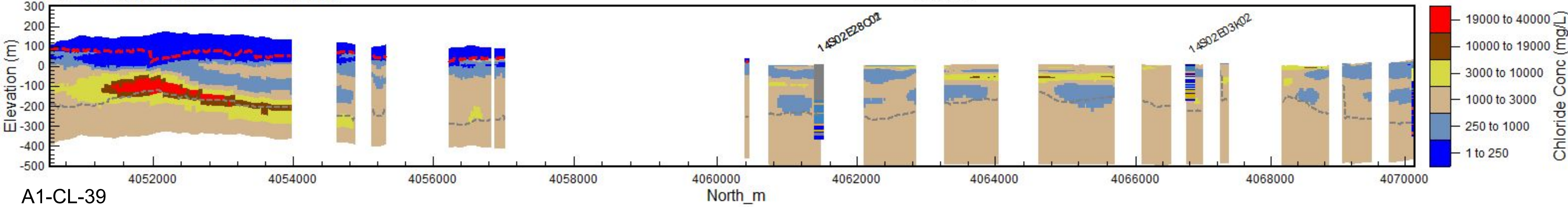
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



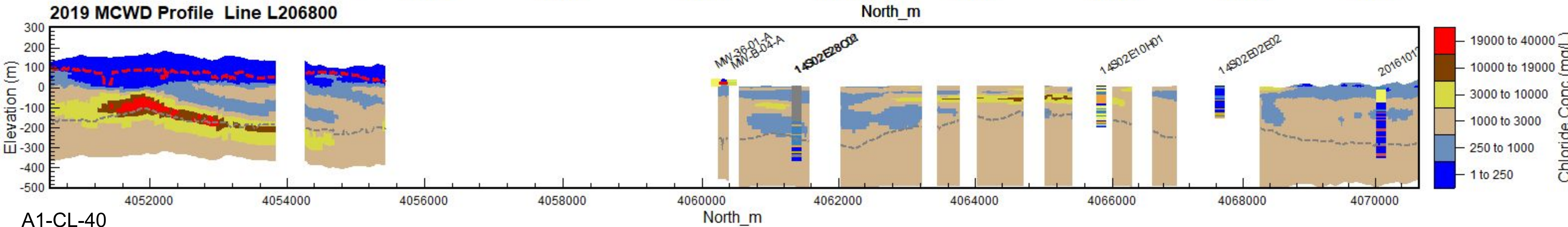
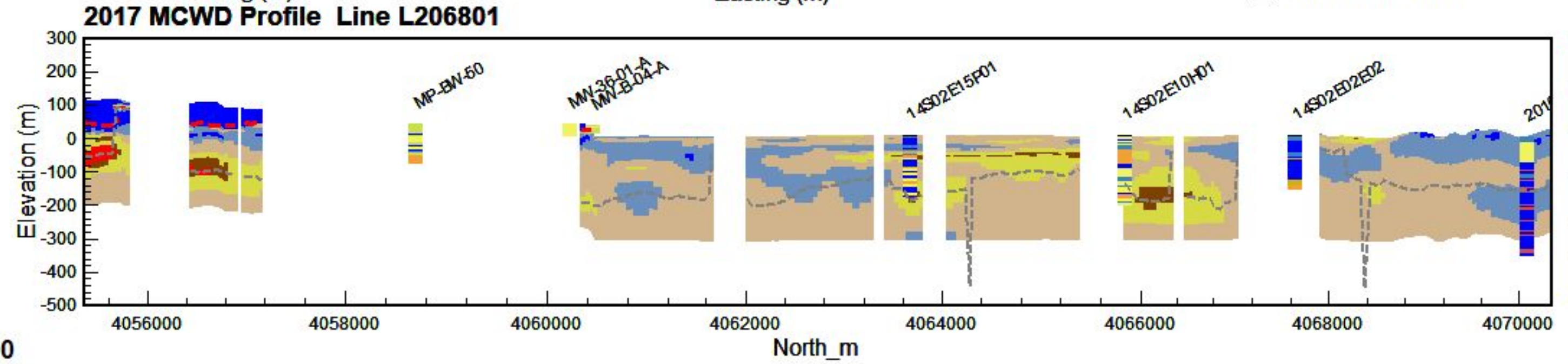
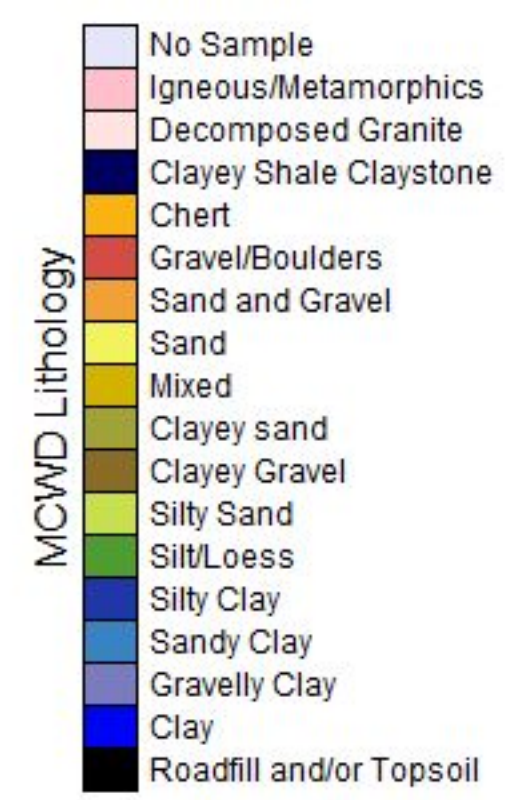
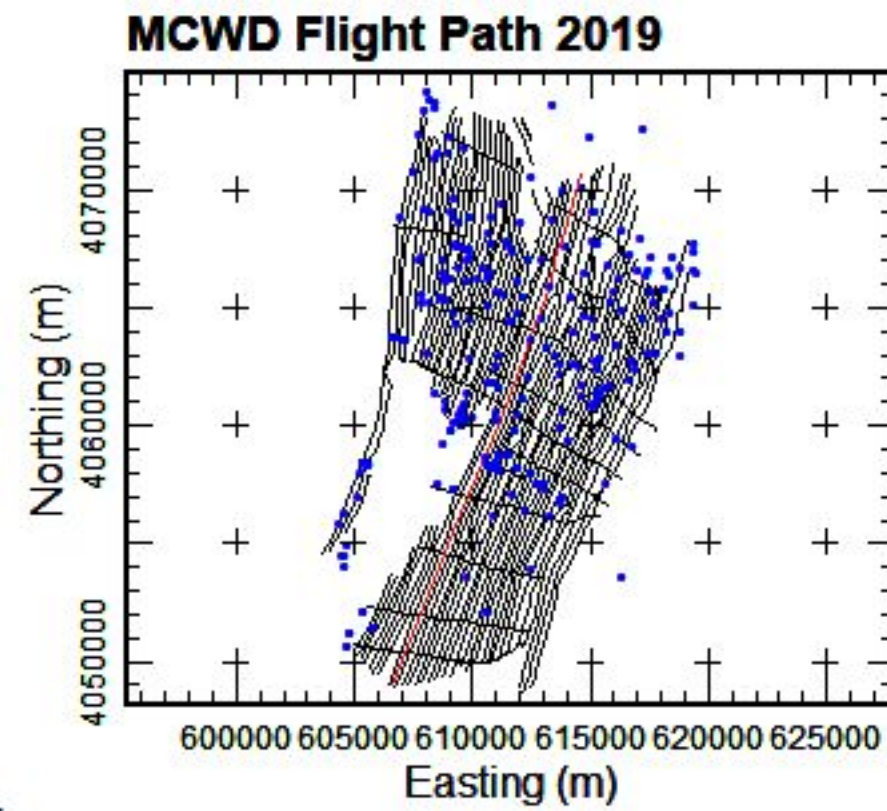
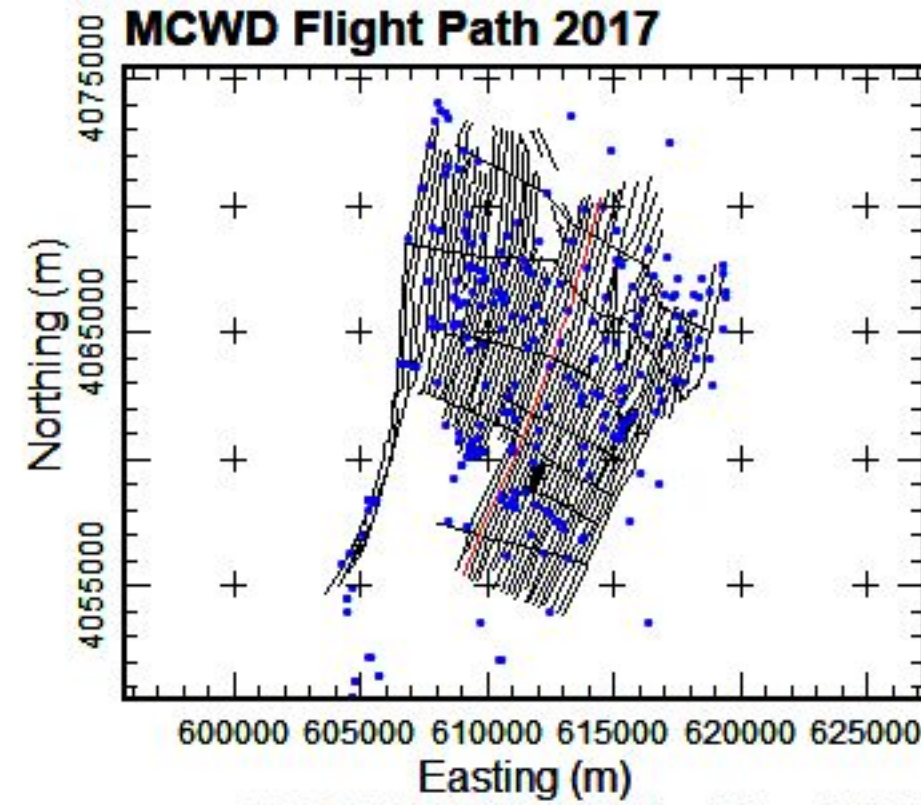
2017 MCWD Profile Line L206501



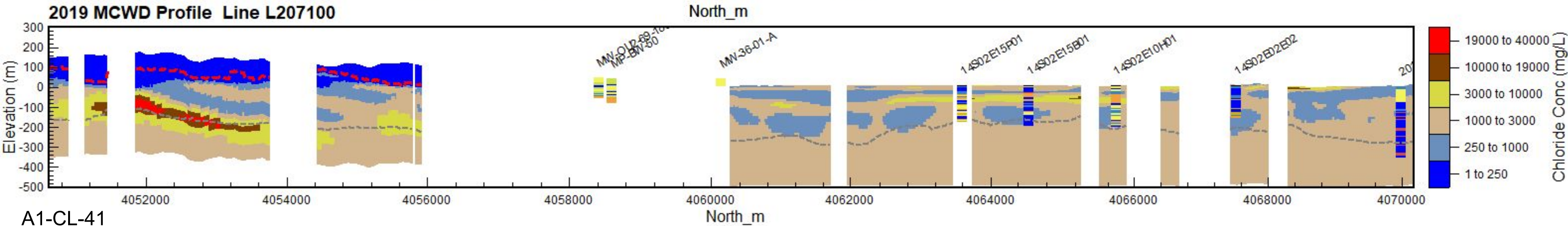
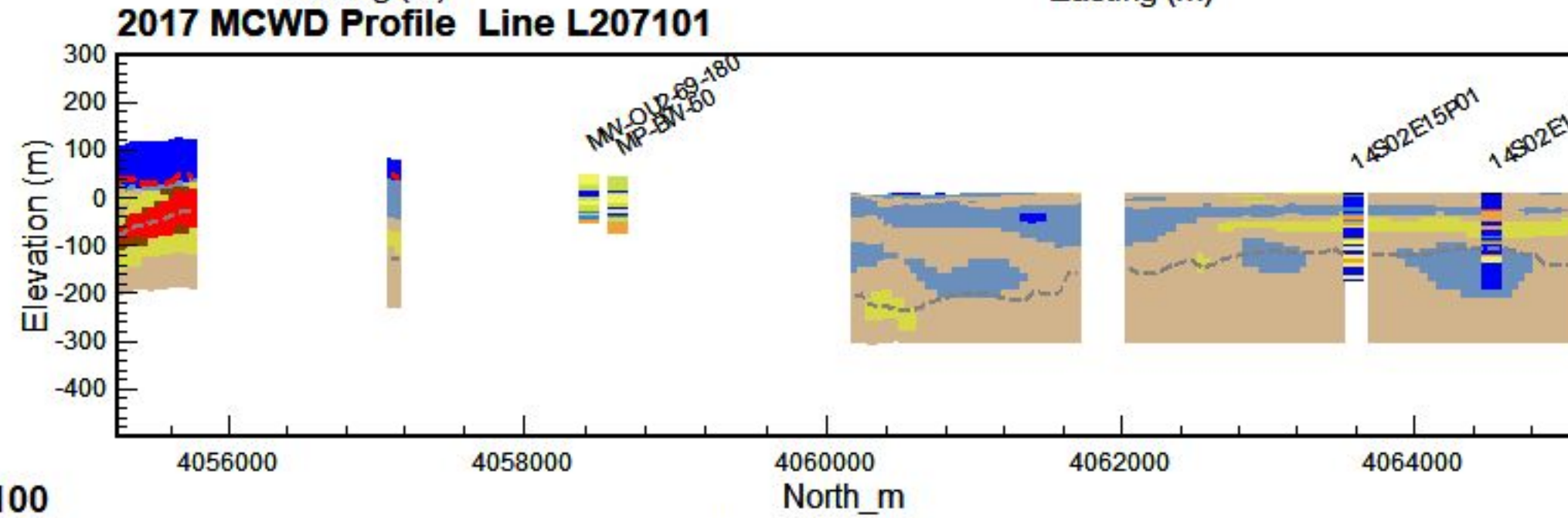
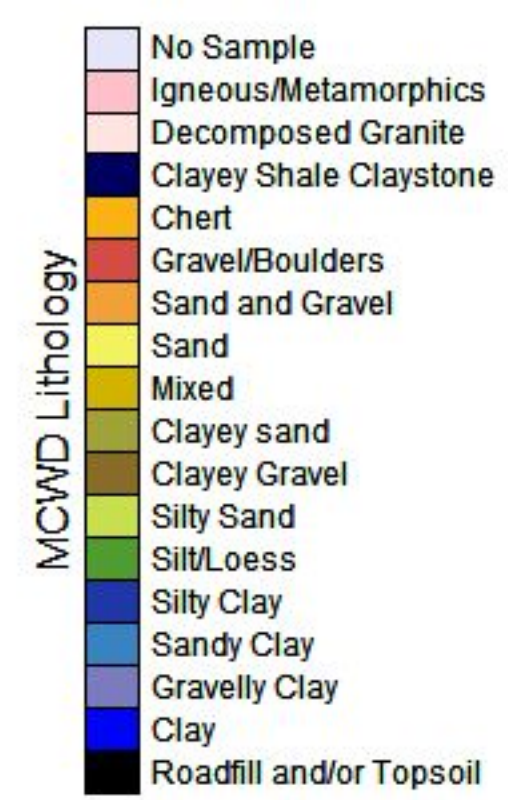
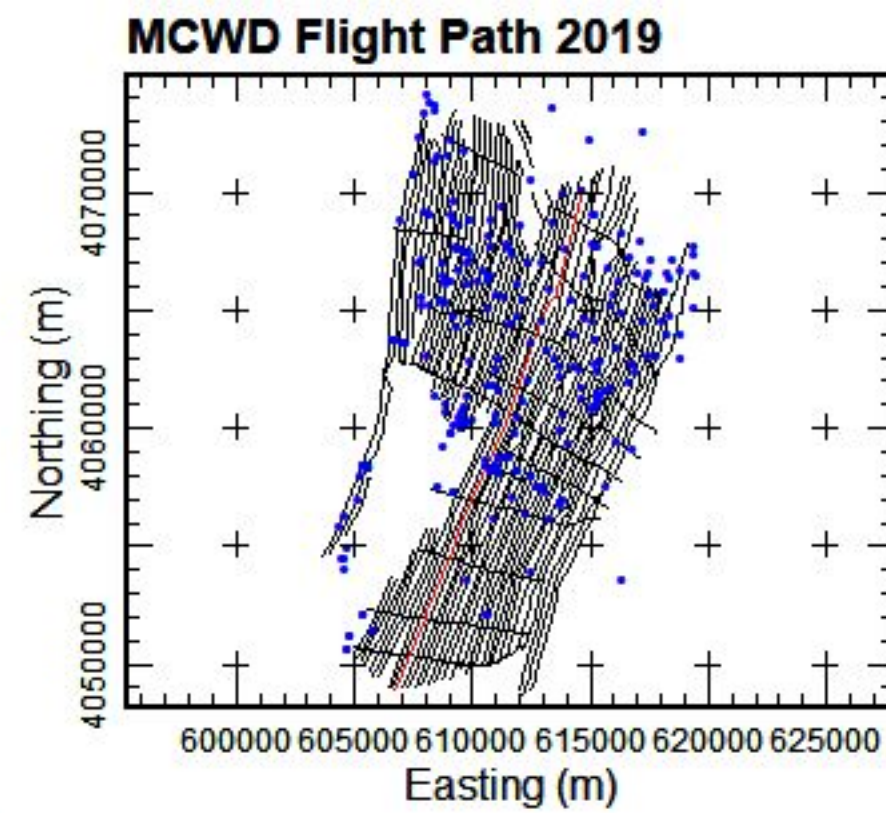
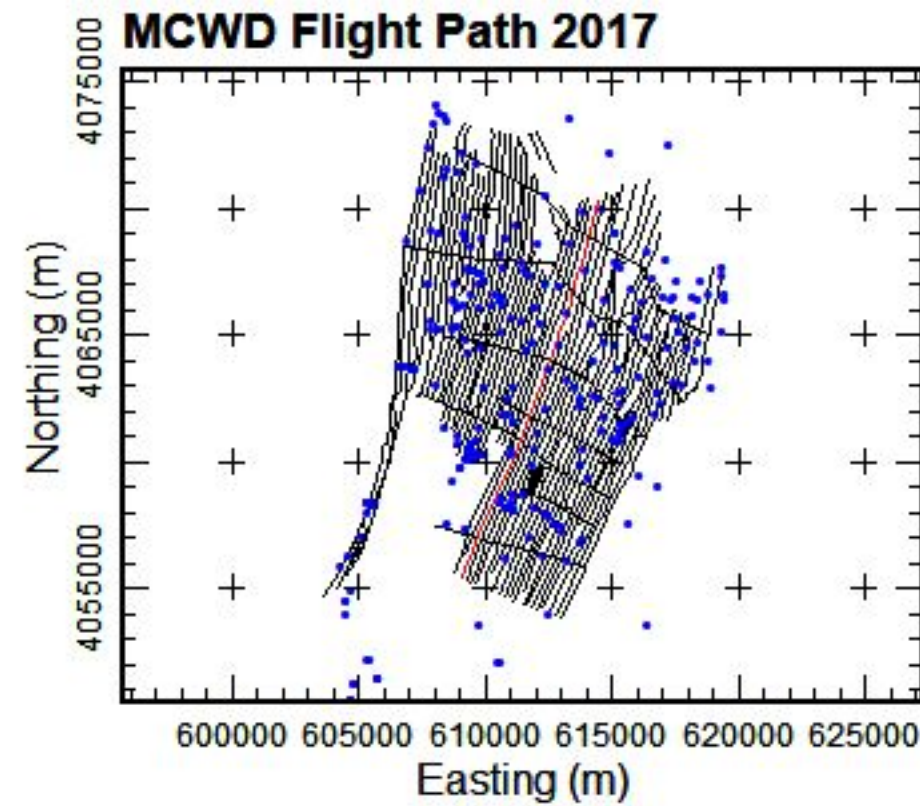
2019 MCWD Profile Line L206500



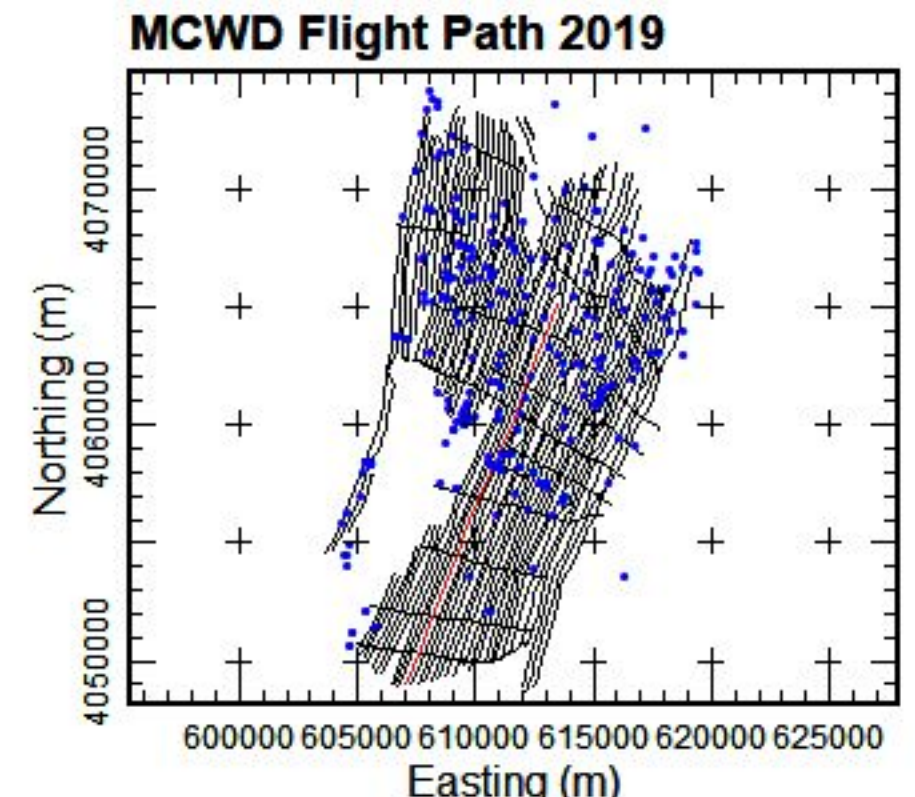
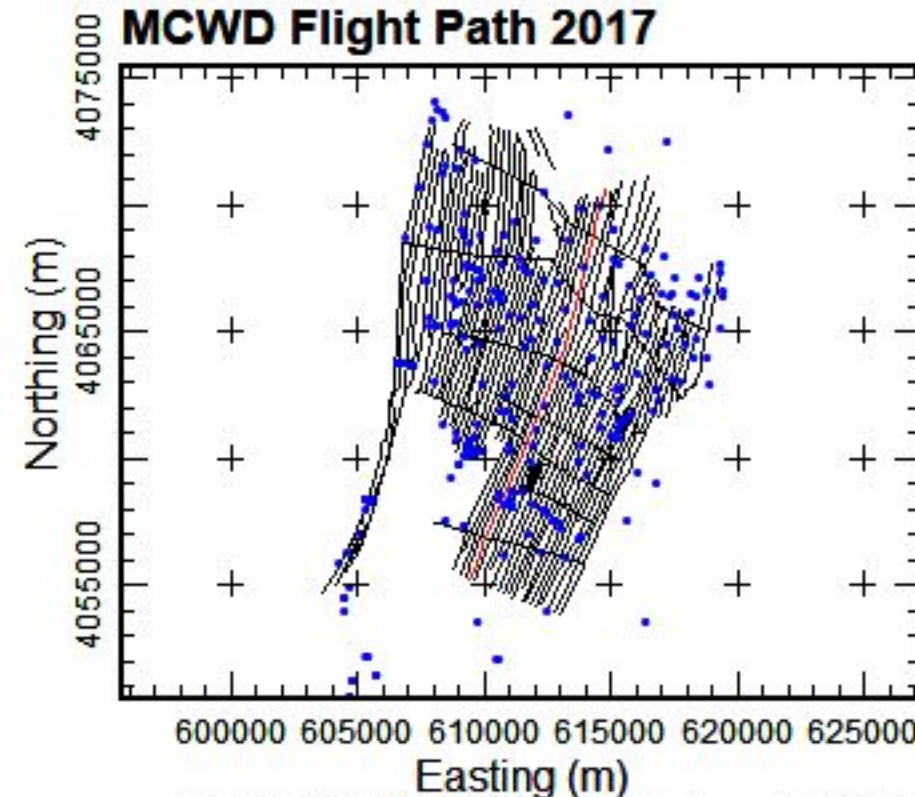
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



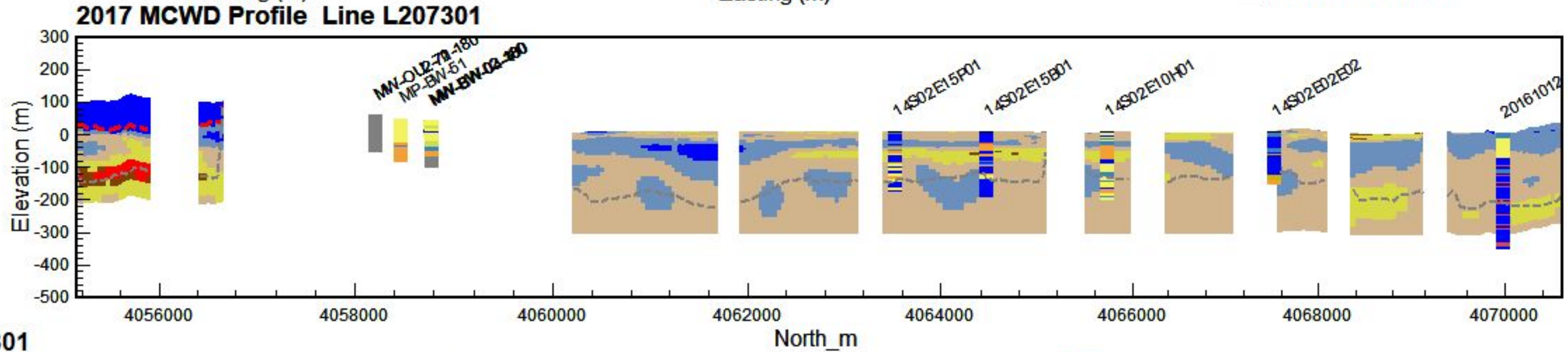
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



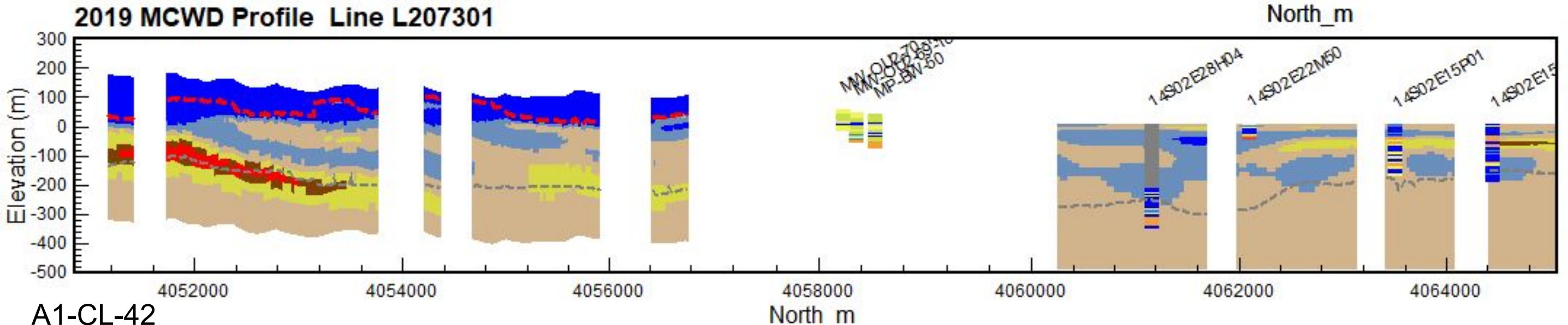
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

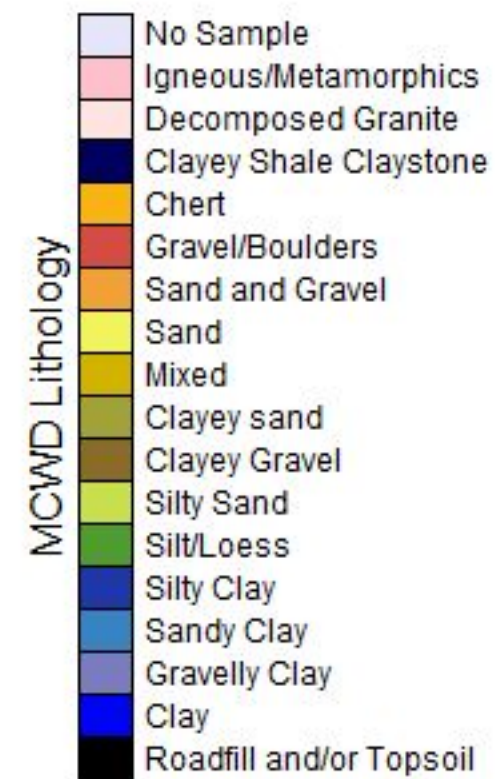
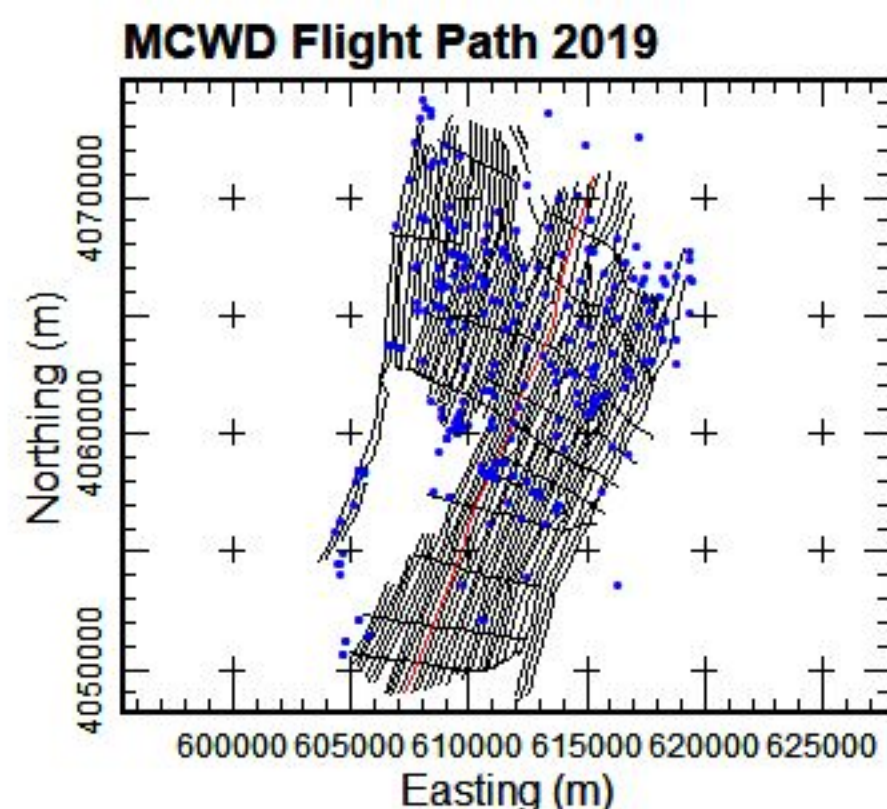
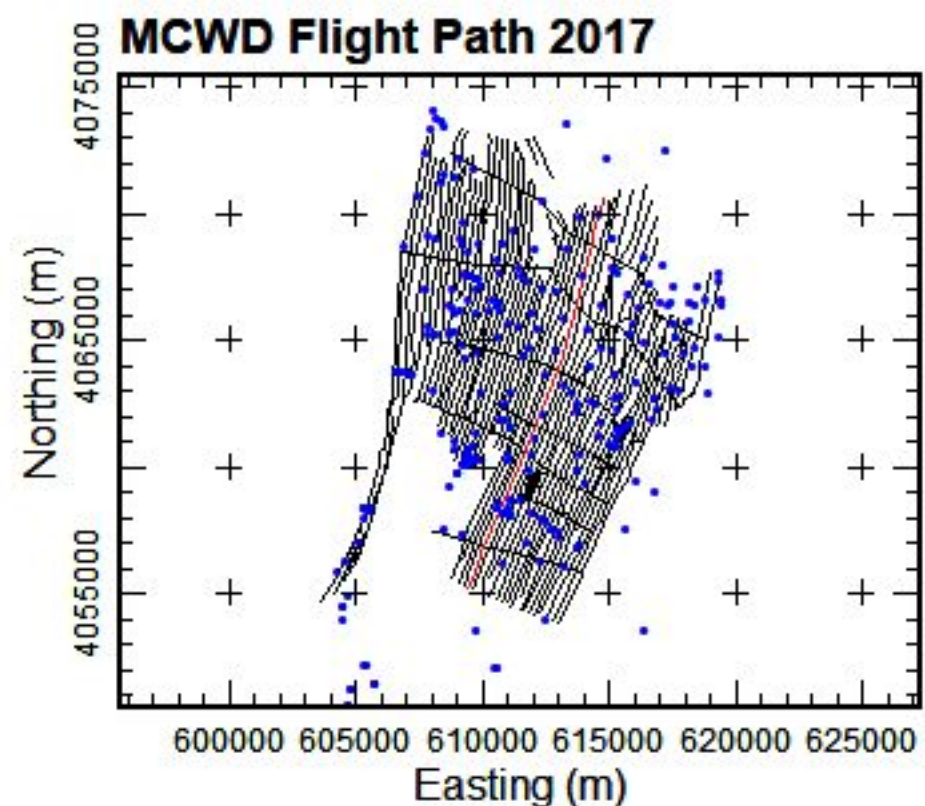


- Chloride Conc (mg/L)**
- 19000 to 40000
 - 10000 to 19000
 - 3000 to 10000
 - 1000 to 3000
 - 250 to 1000
 - 1 to 250

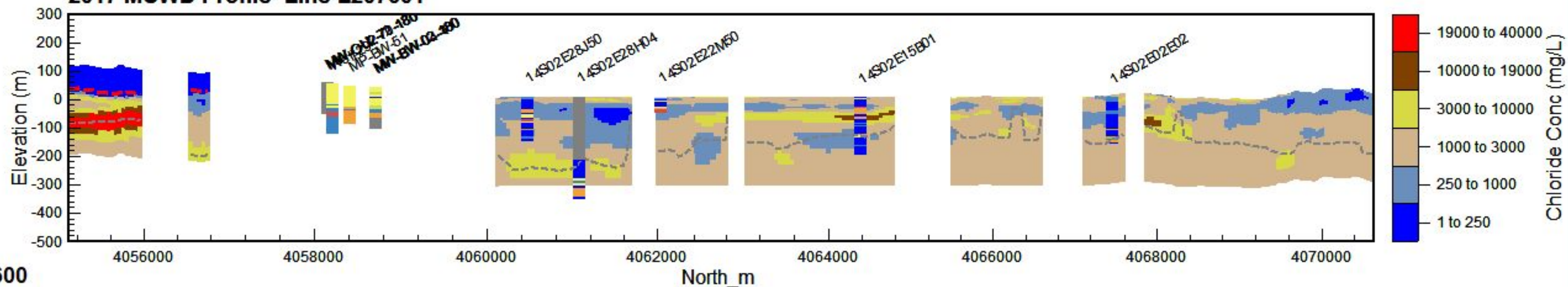


- Chloride Conc (mg/L)**
- 19000 to 40000
 - 10000 to 19000
 - 3000 to 10000
 - 1000 to 3000
 - 250 to 1000
 - 1 to 250

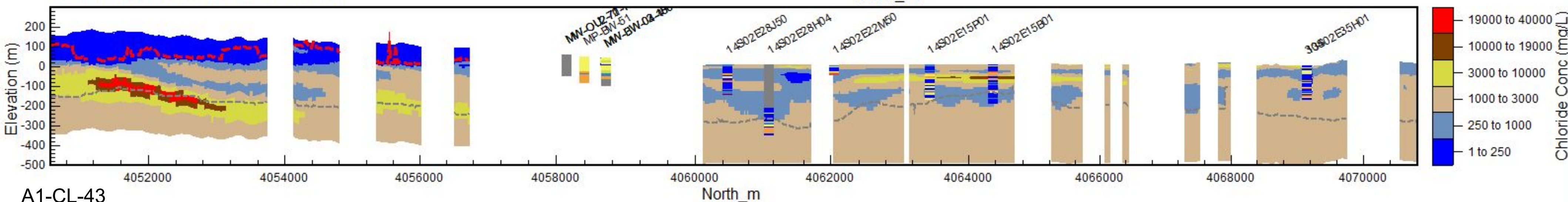
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



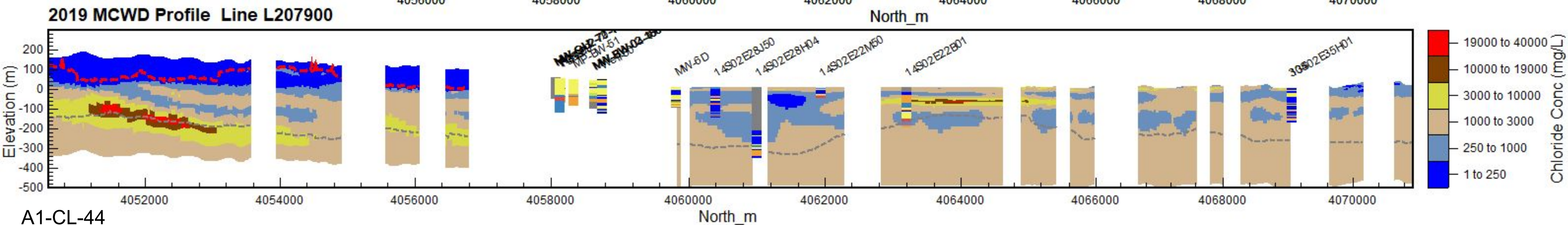
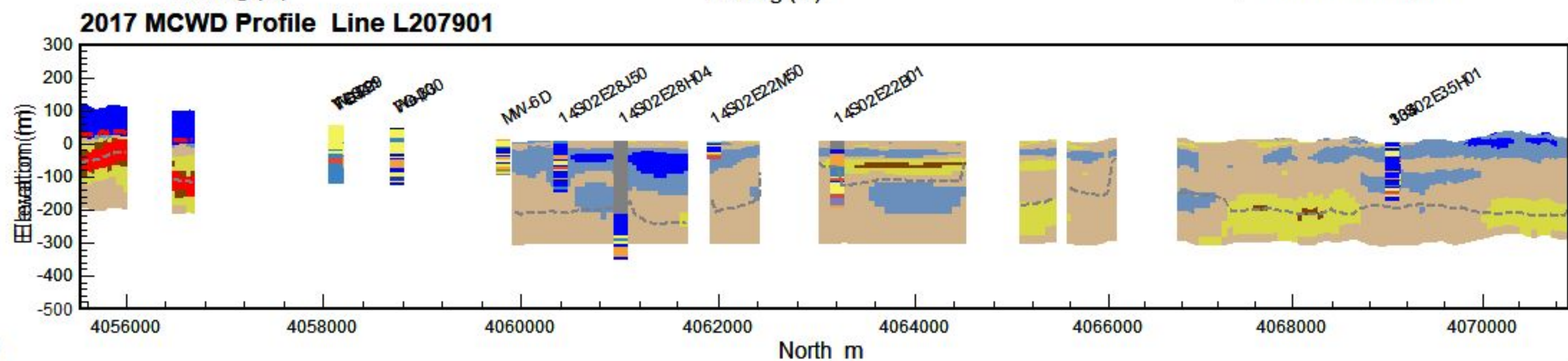
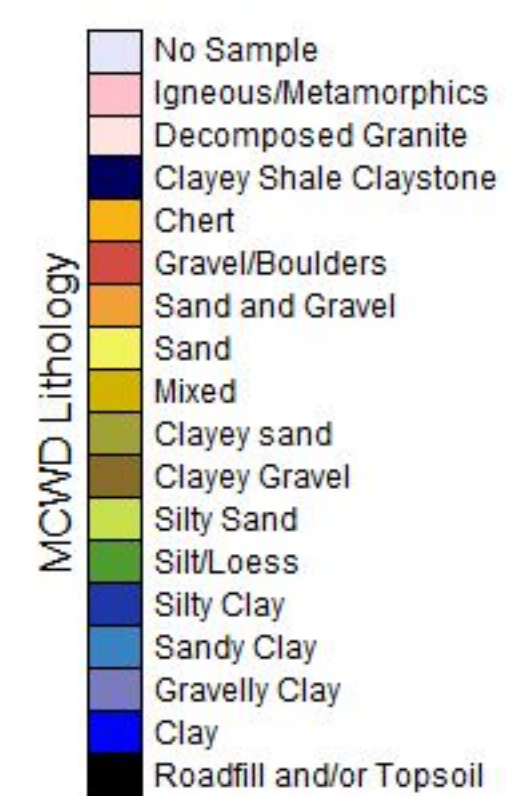
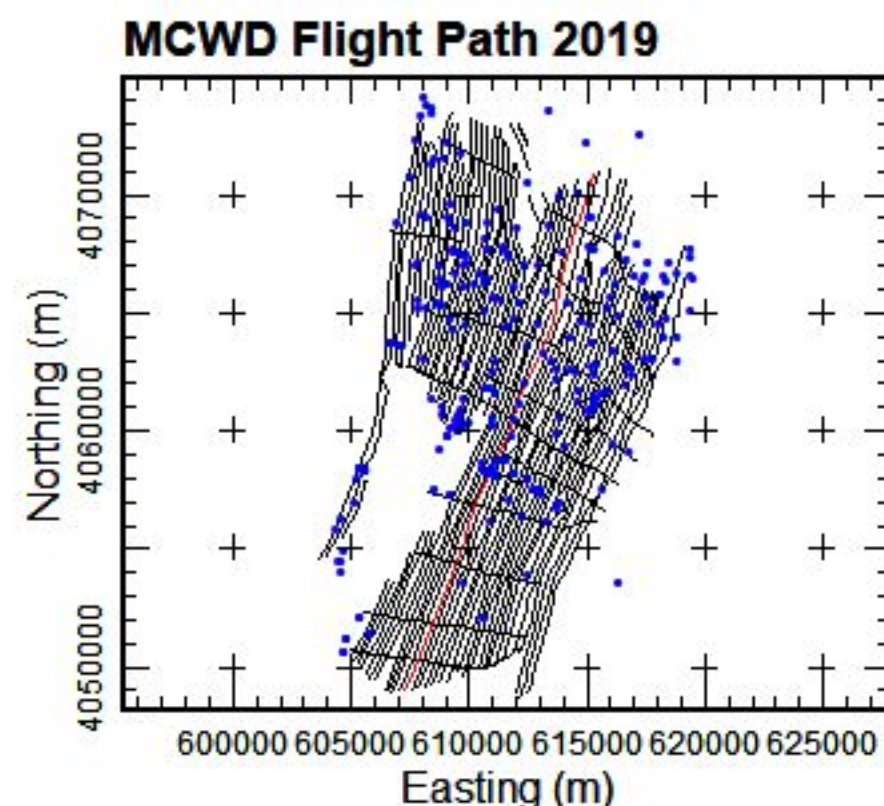
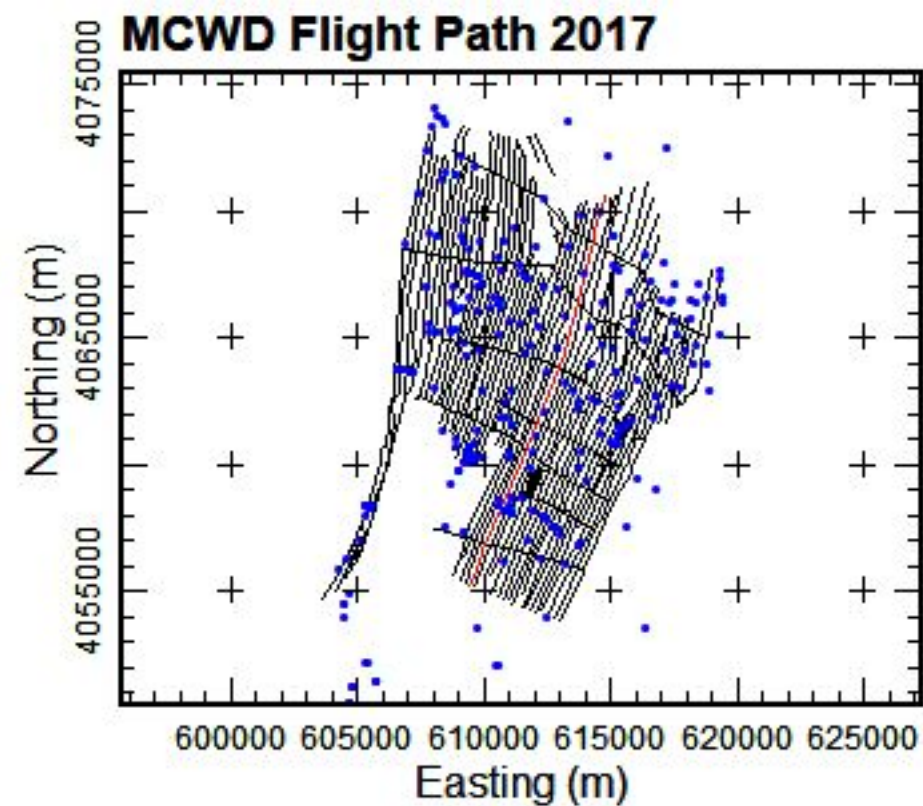
2017 MCWD Profile Line L207601



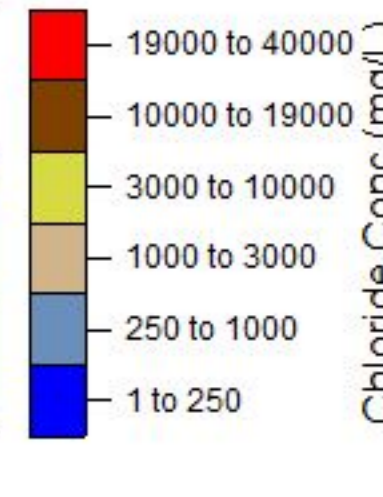
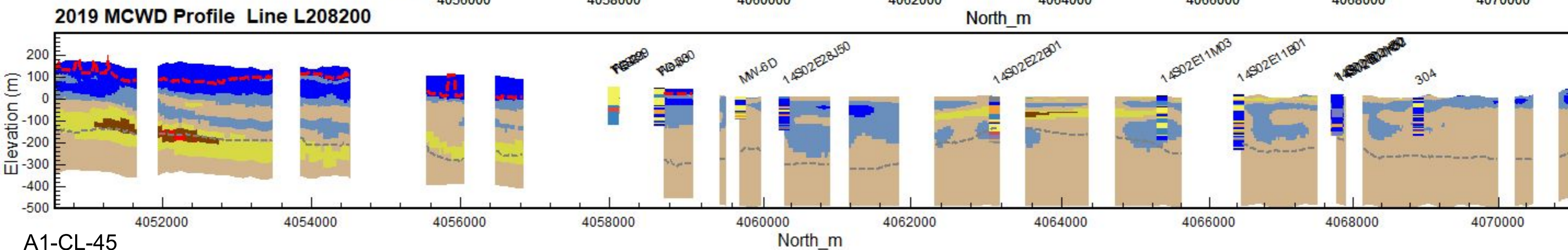
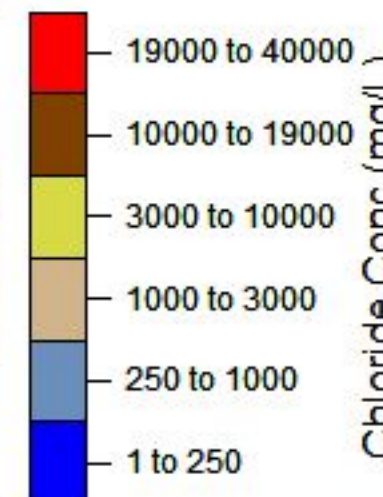
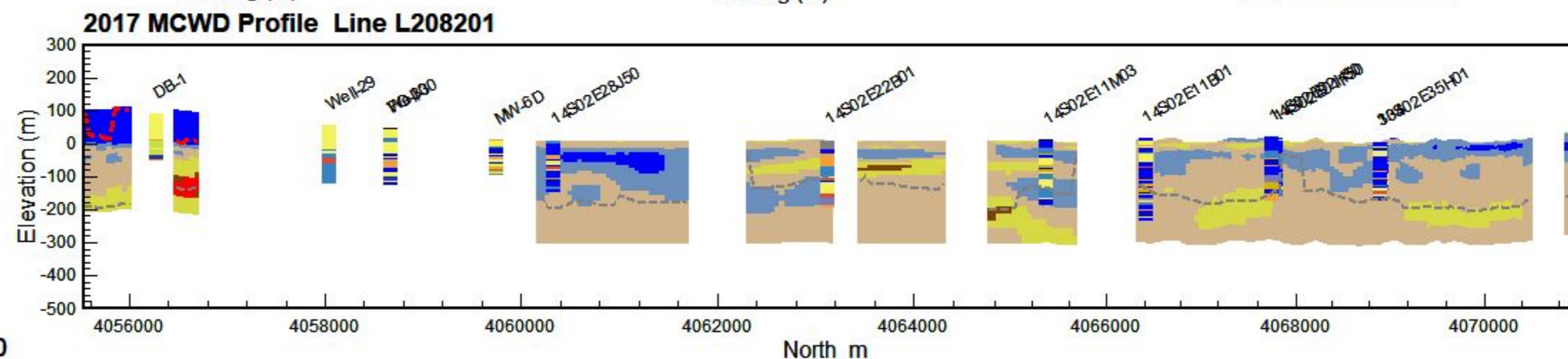
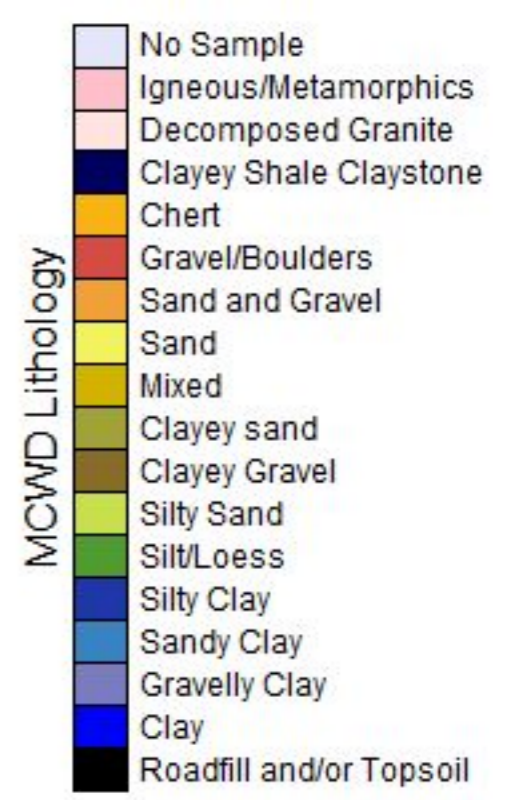
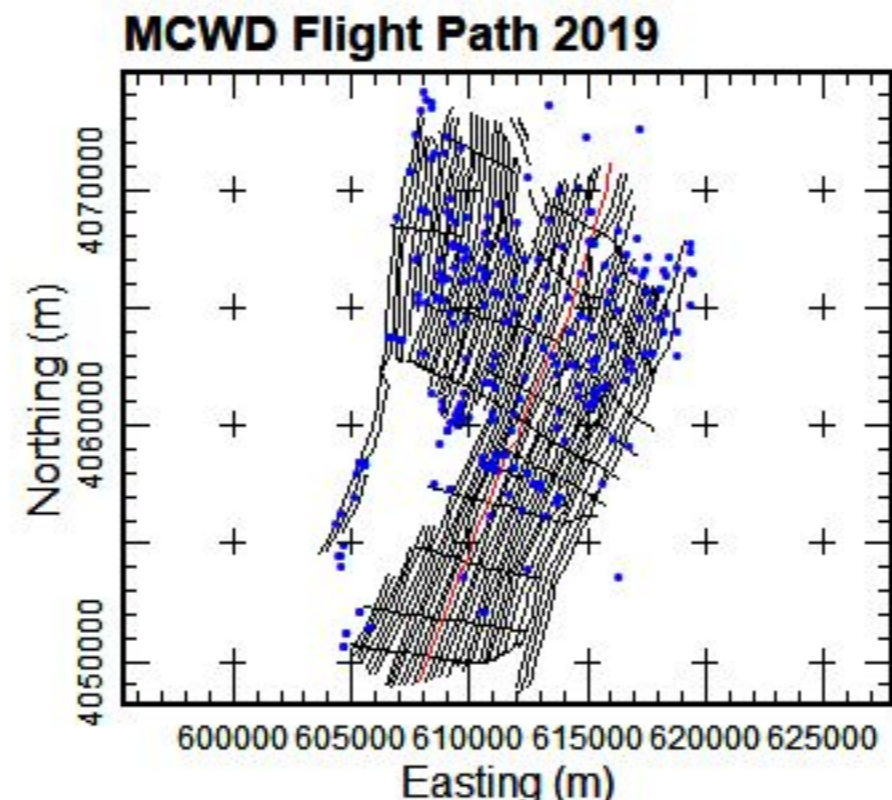
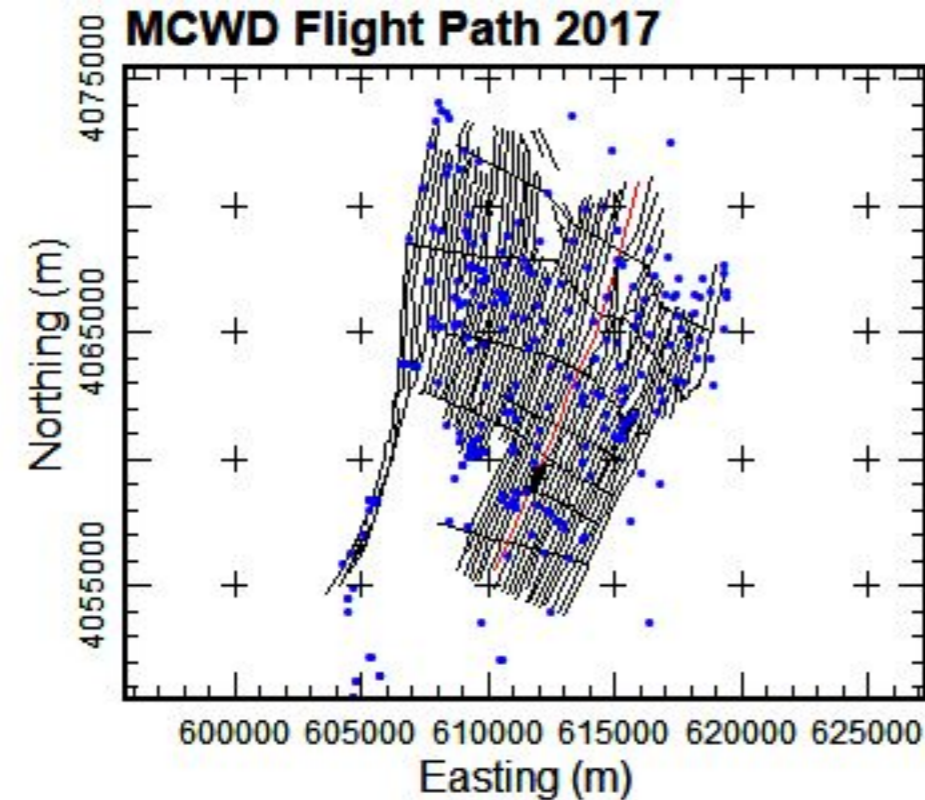
2019 MCWD Profile Line L207600



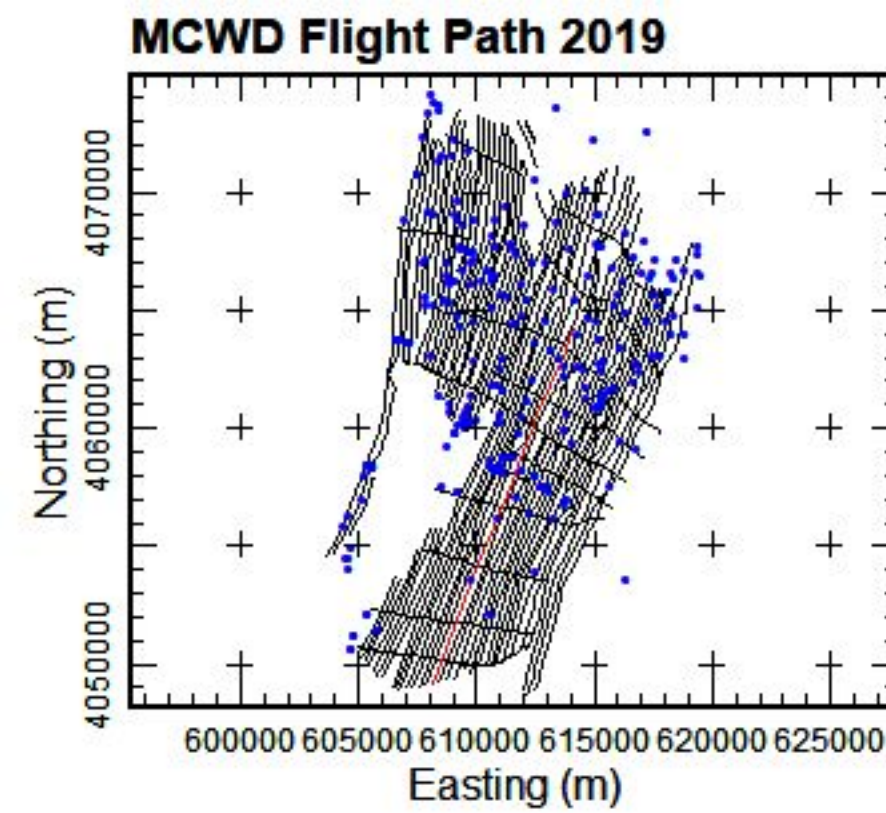
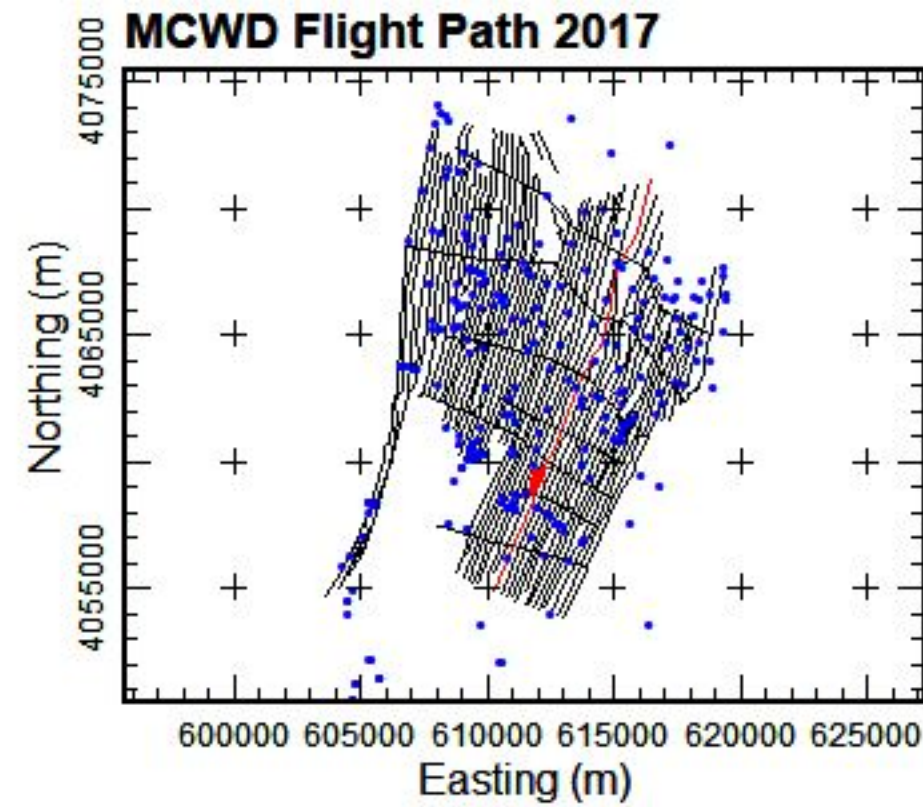
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



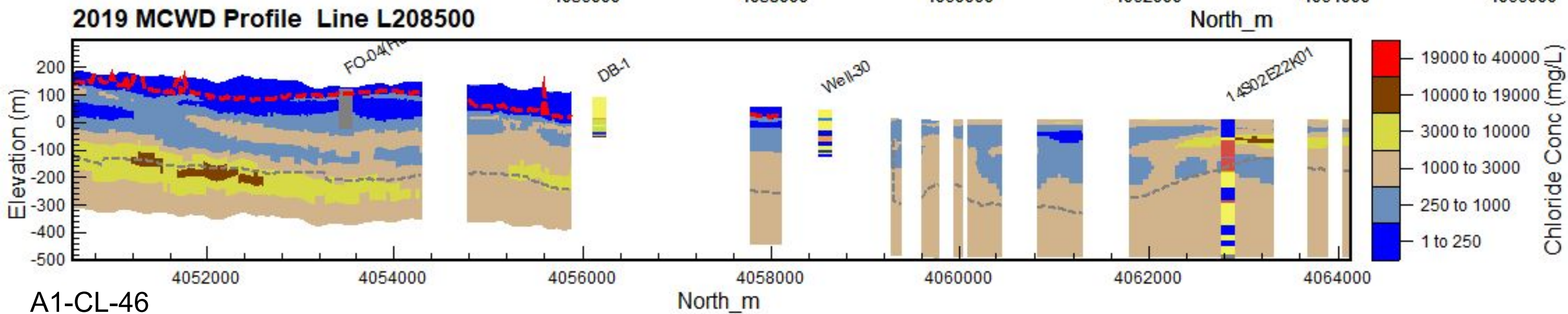
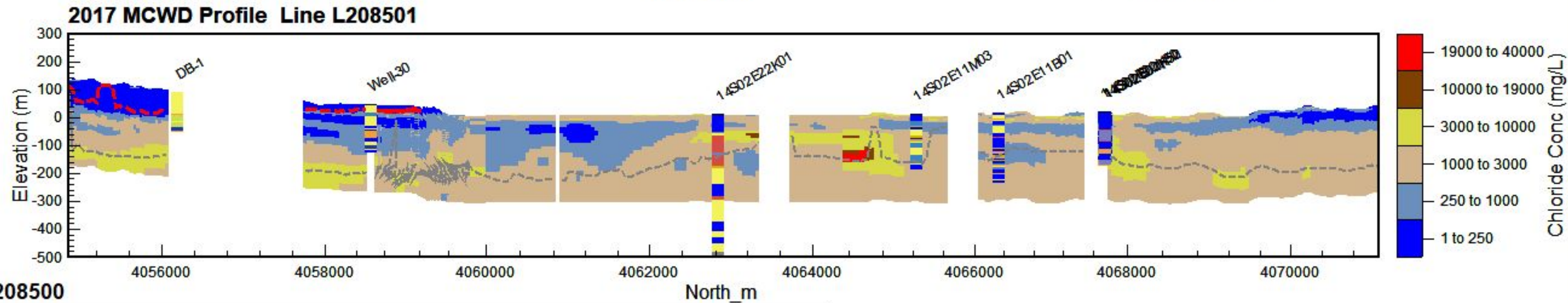
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



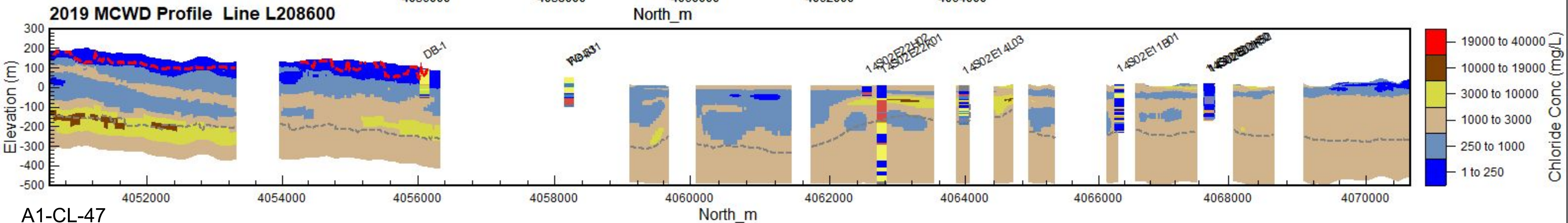
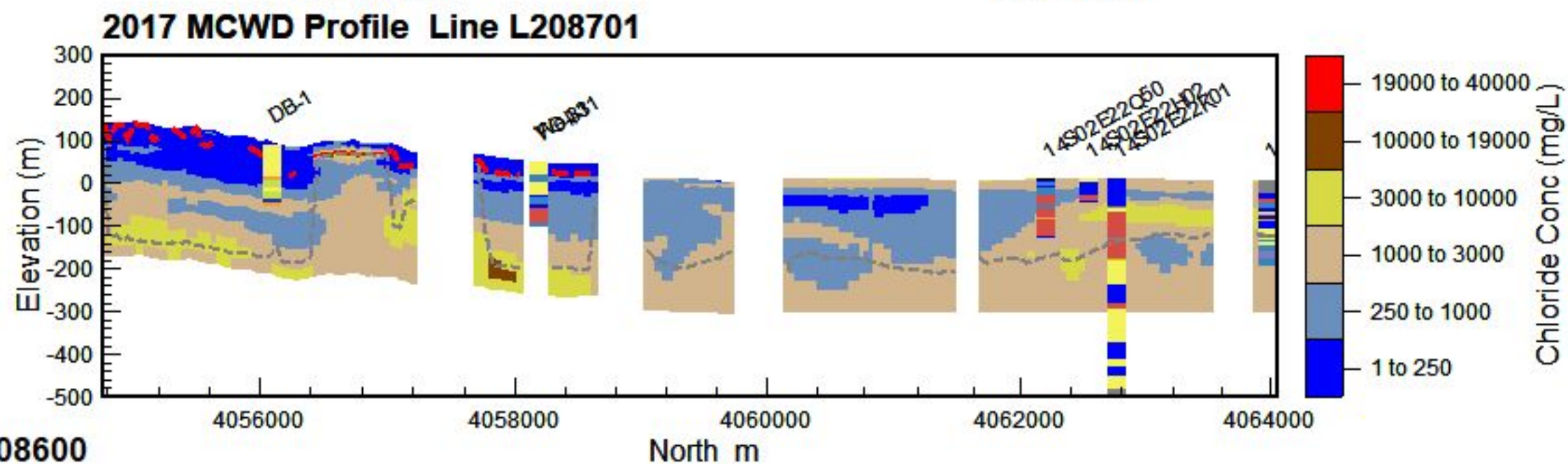
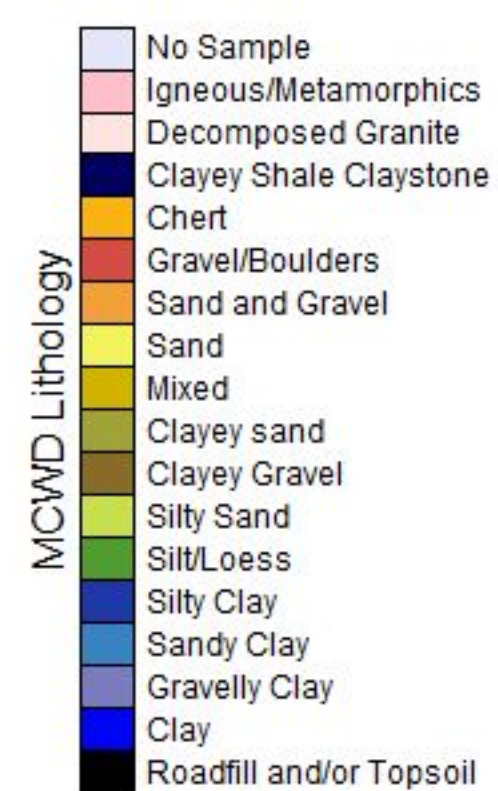
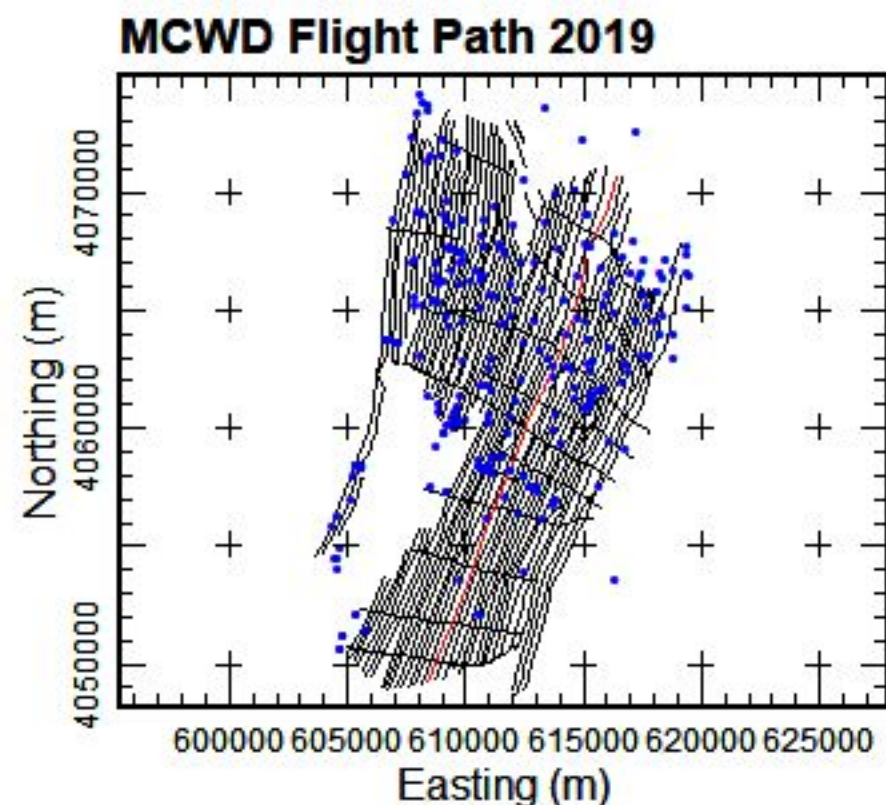
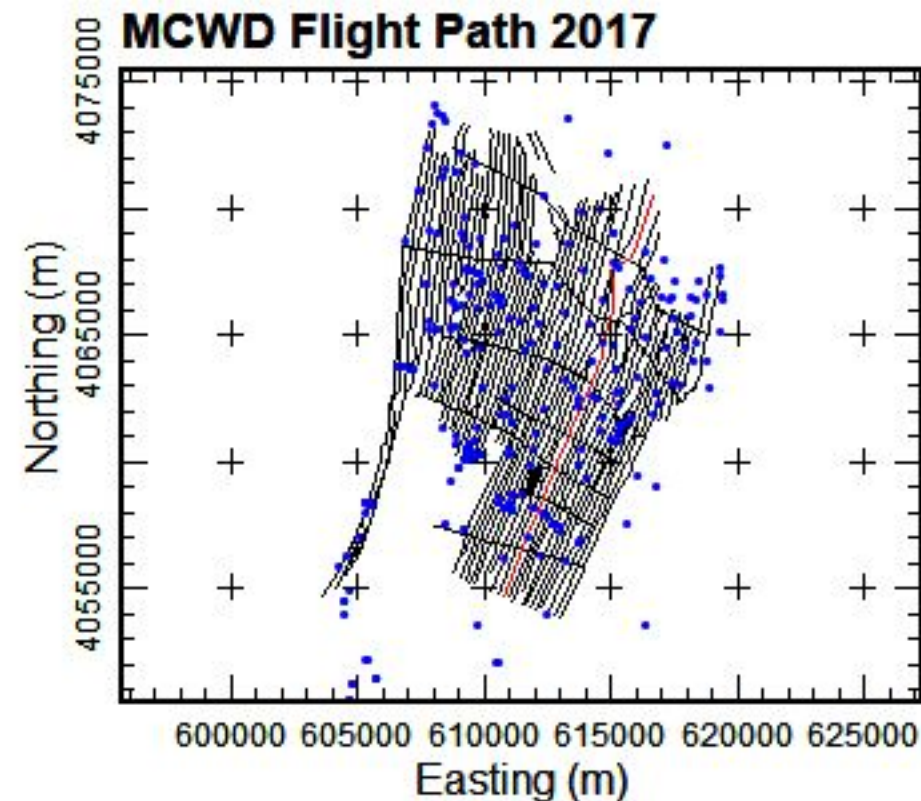
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



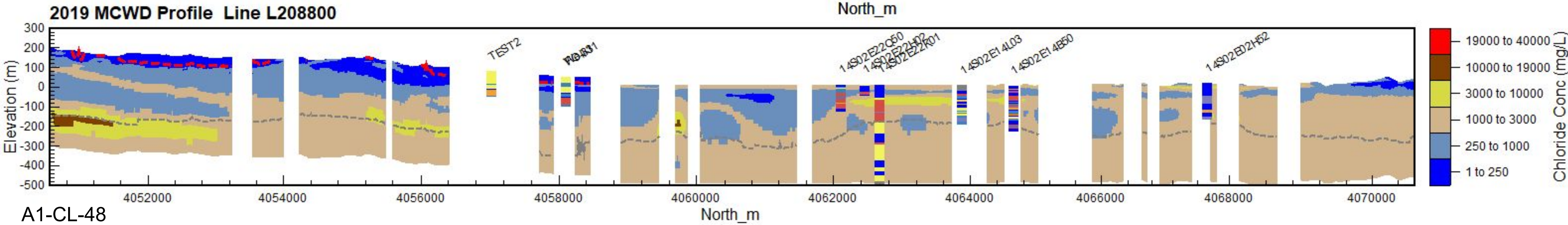
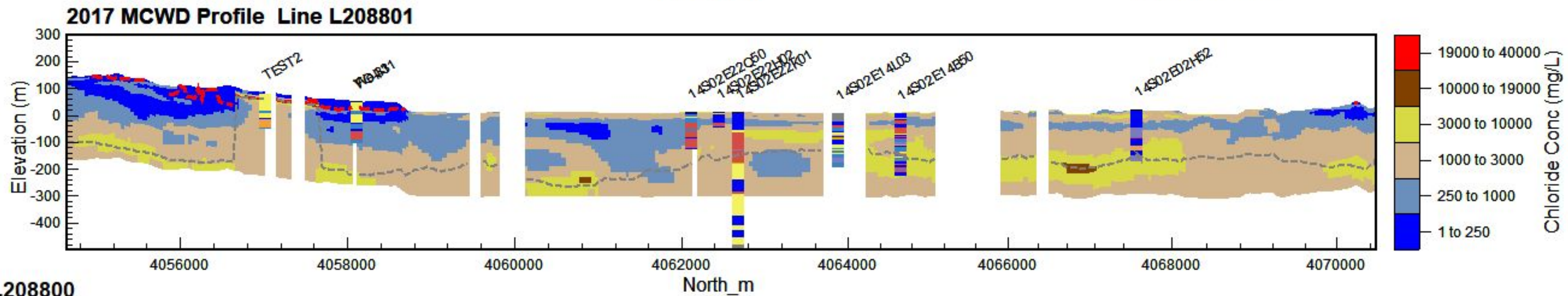
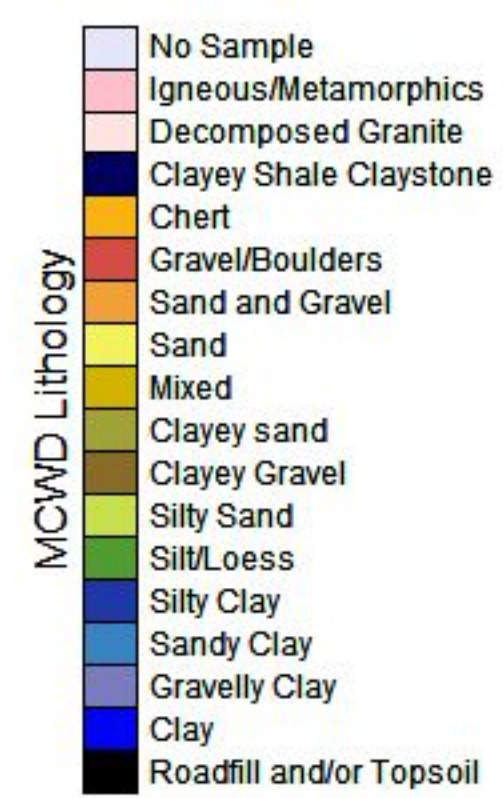
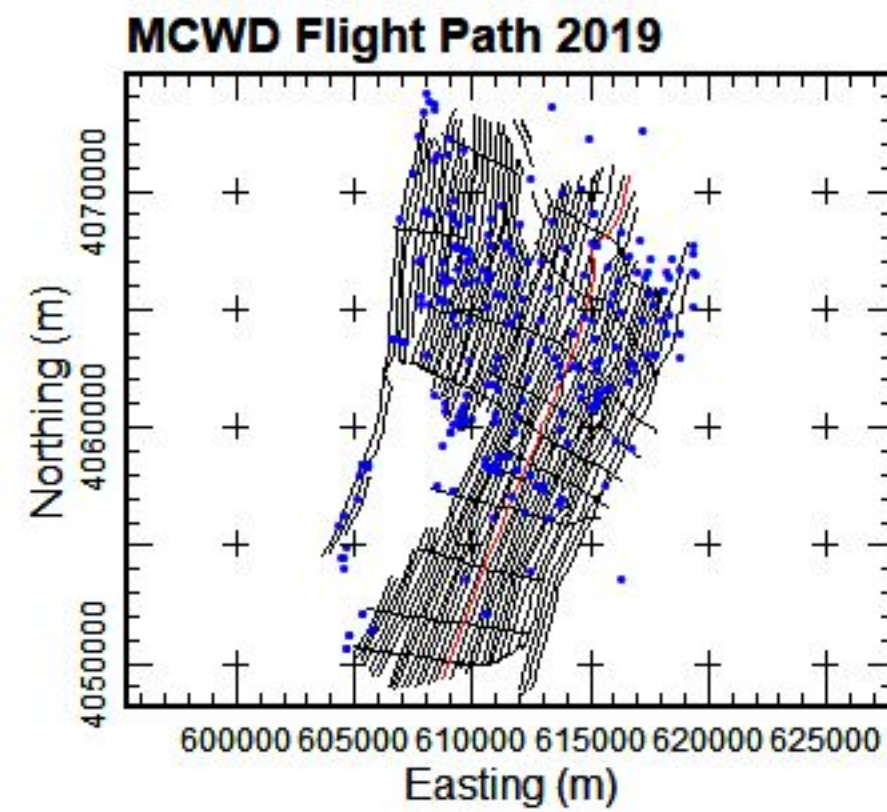
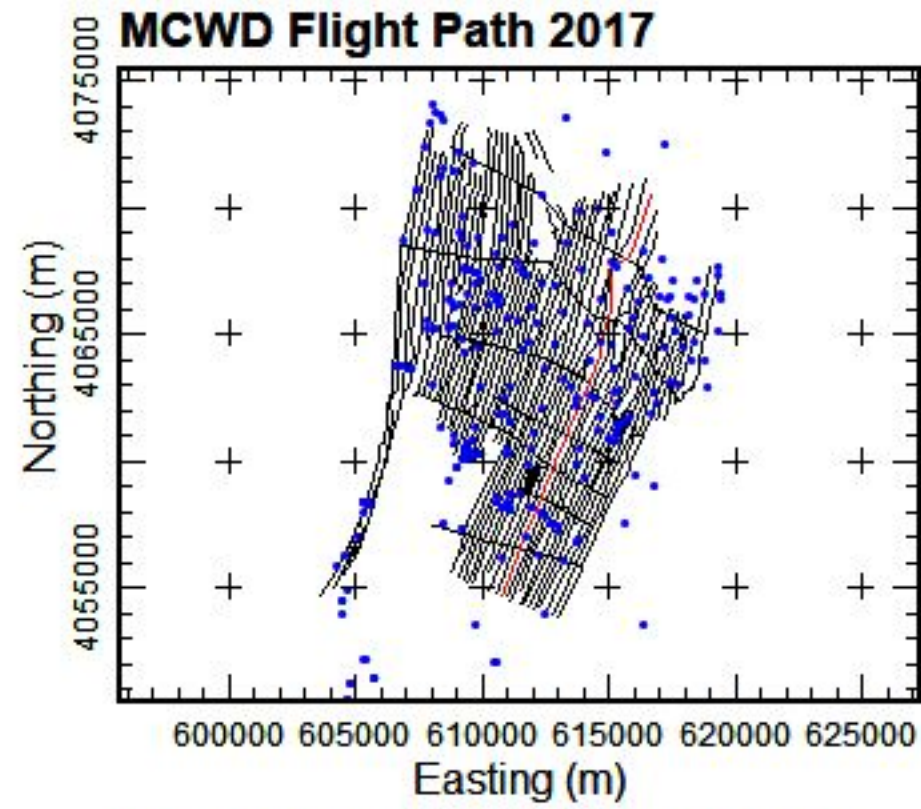
- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil



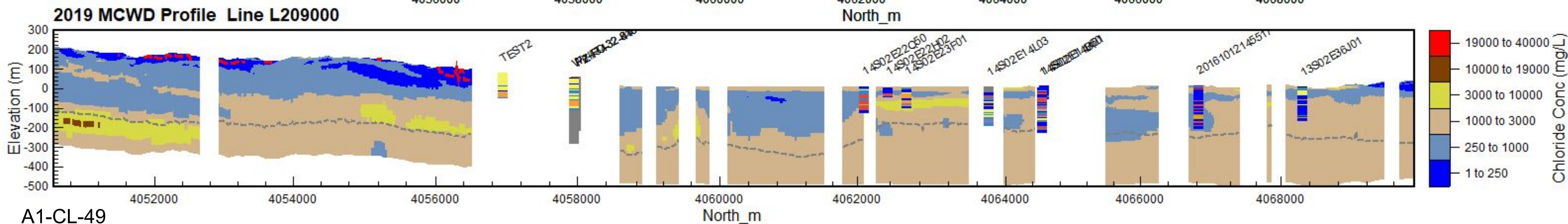
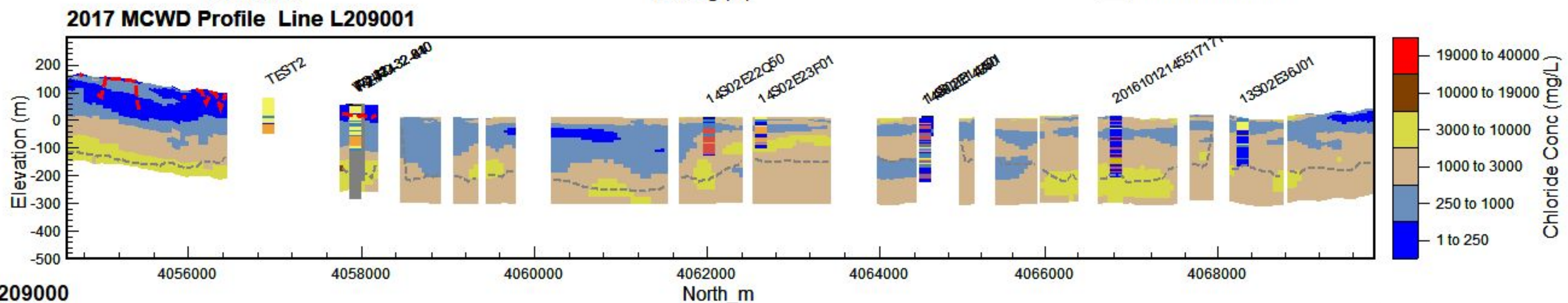
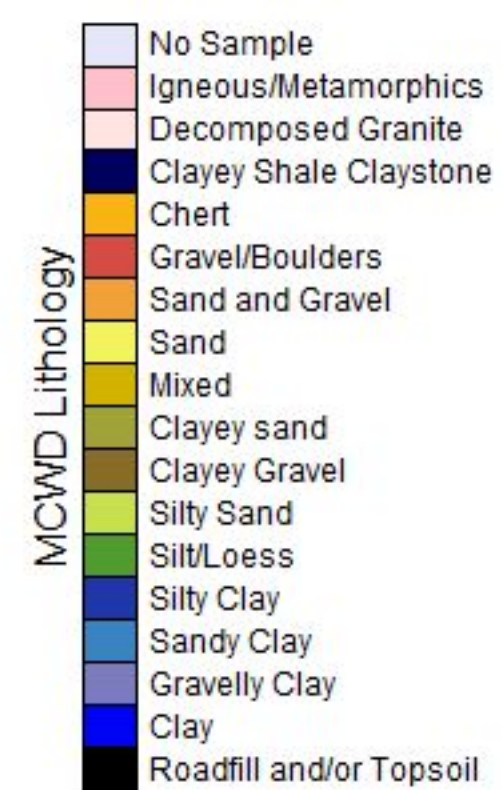
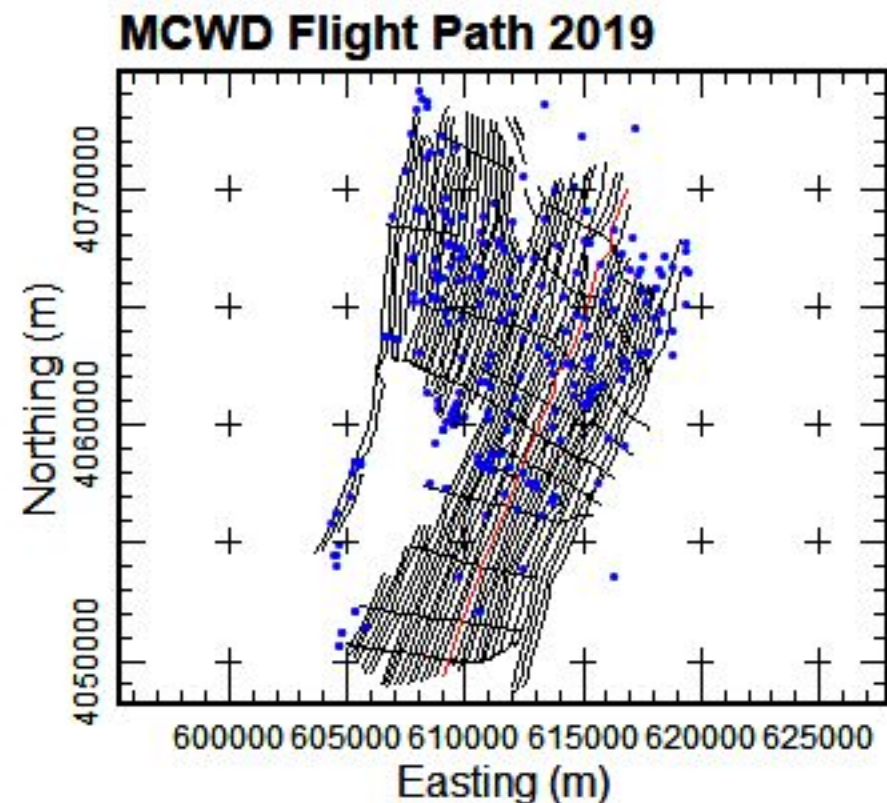
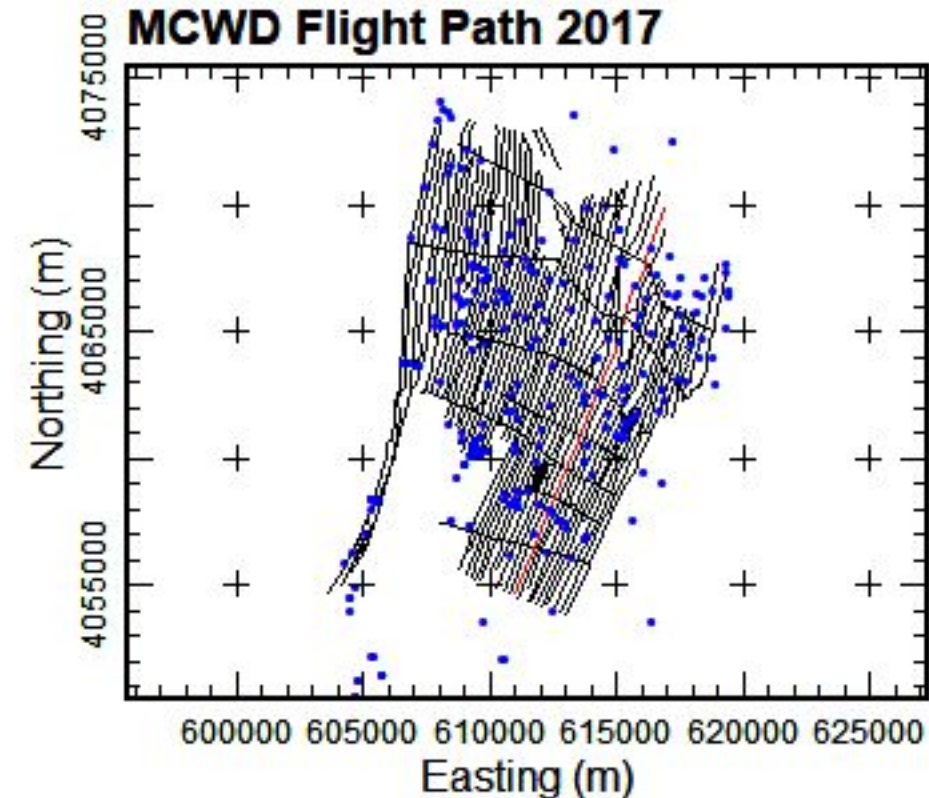
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



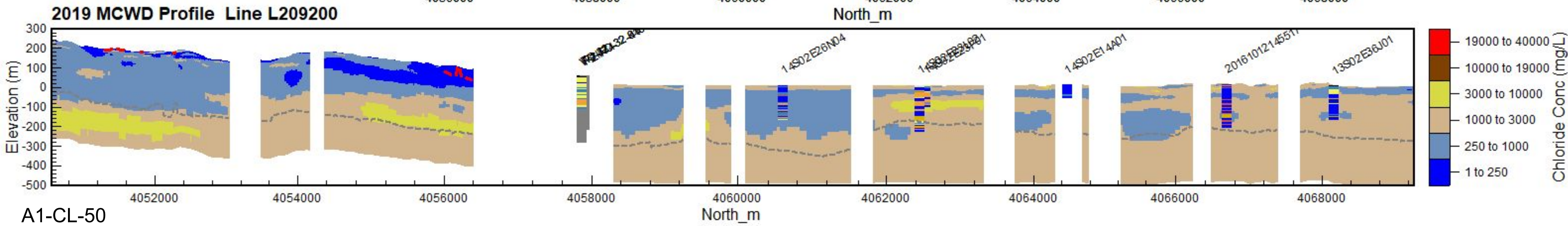
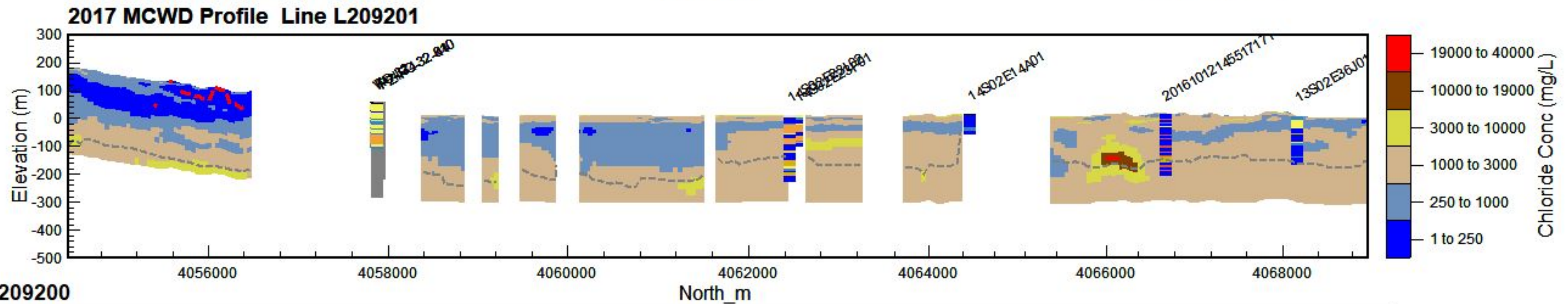
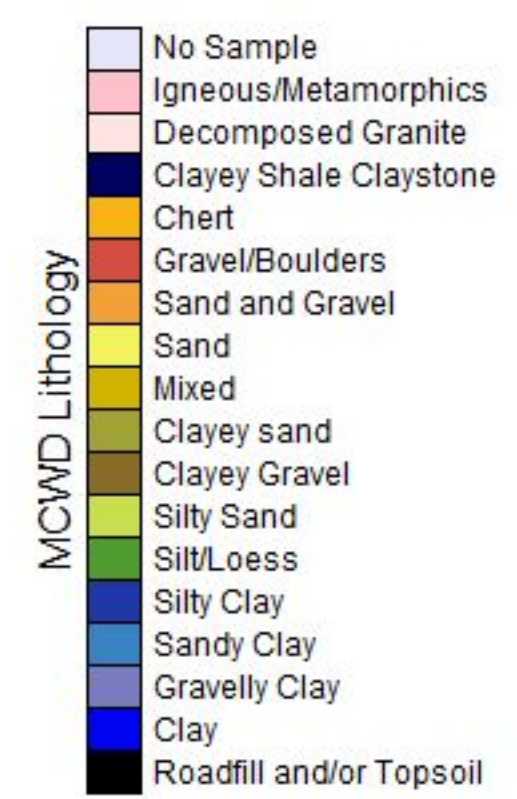
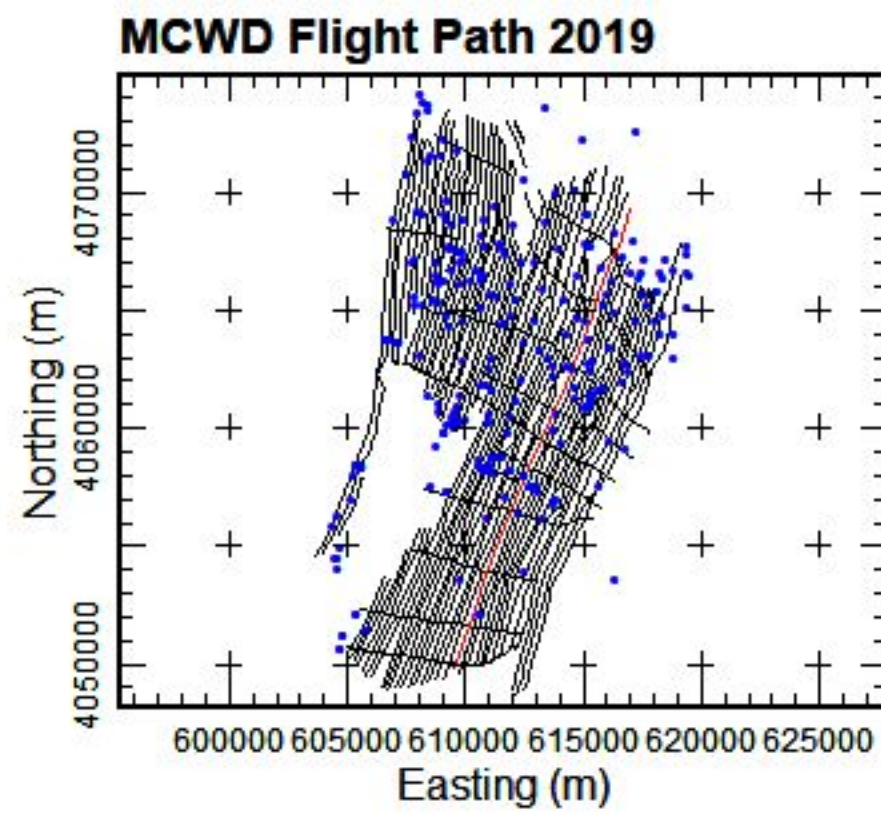
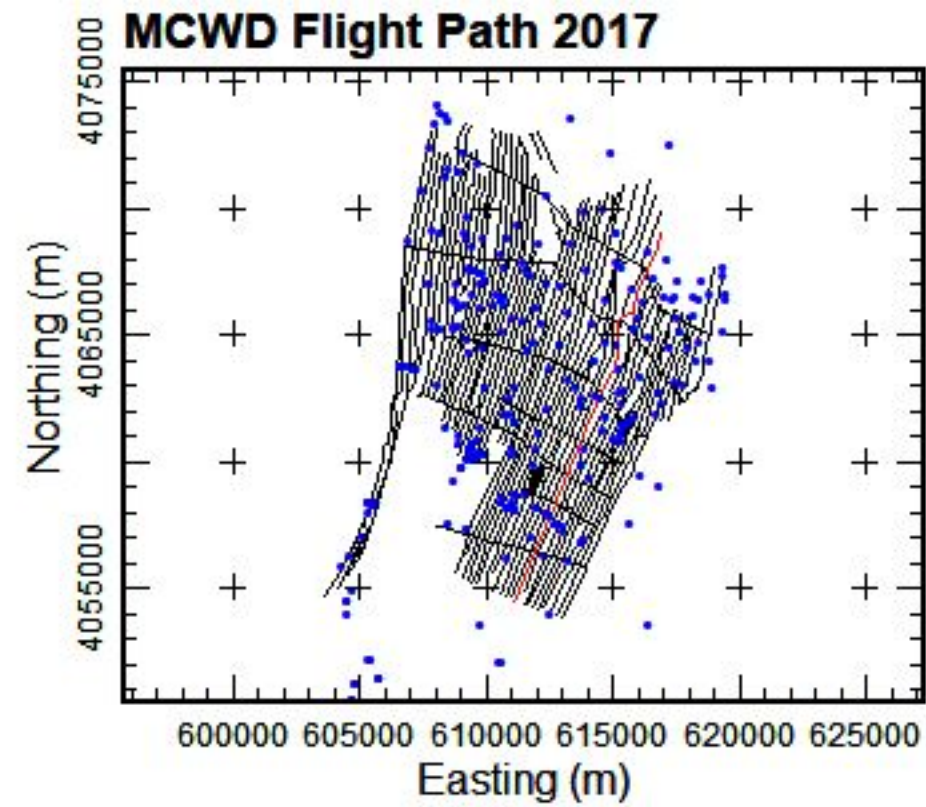
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



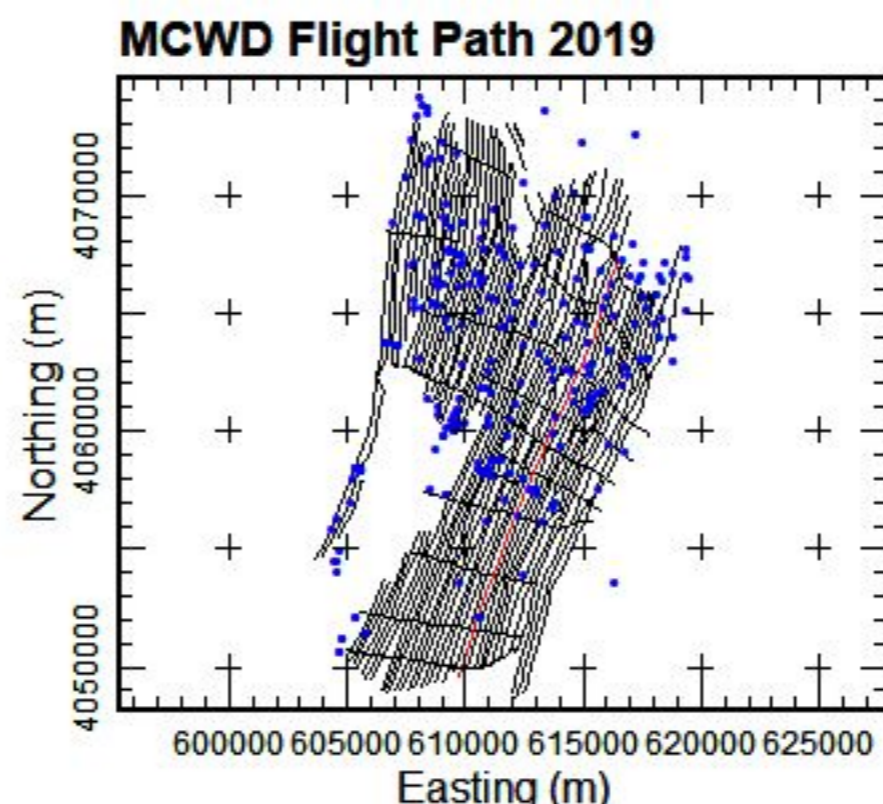
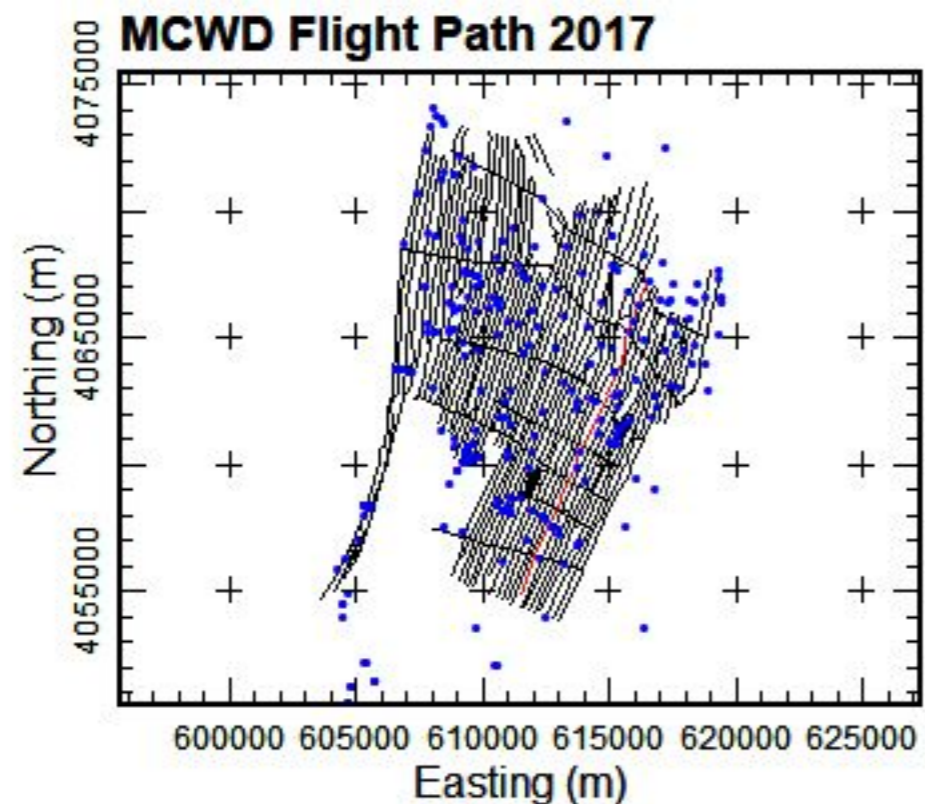
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



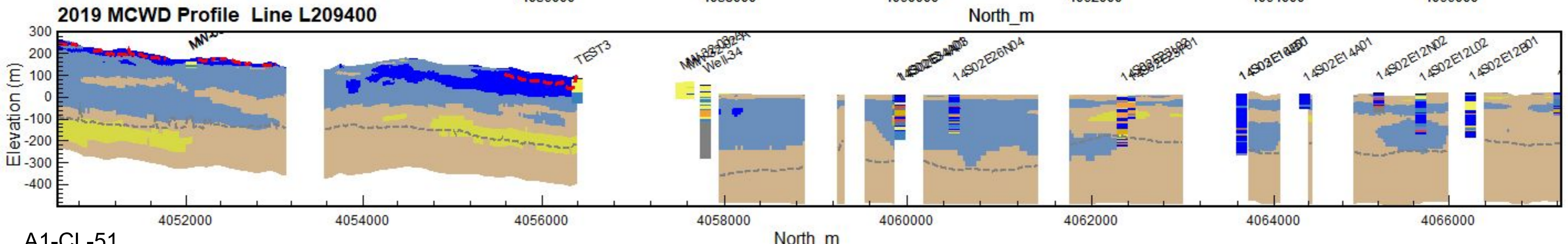
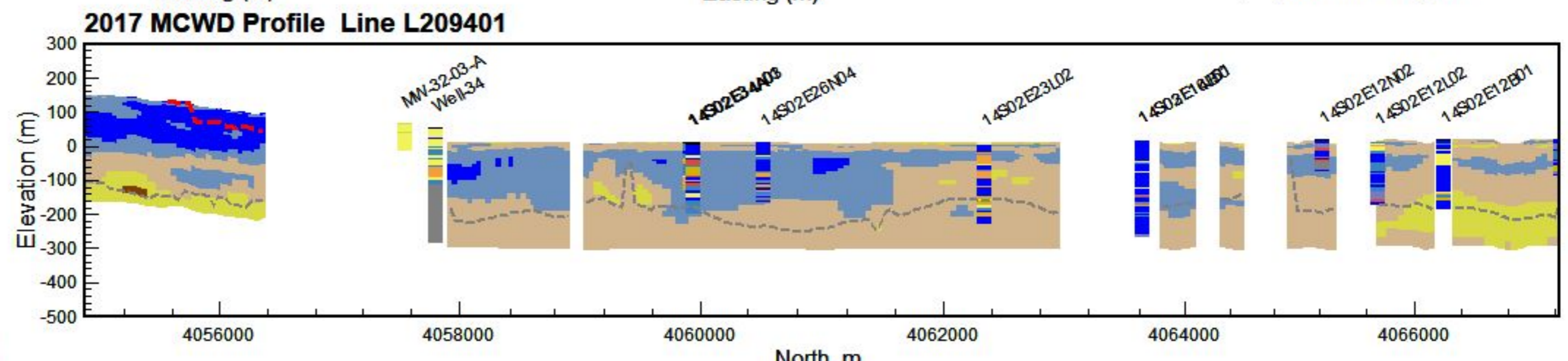
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



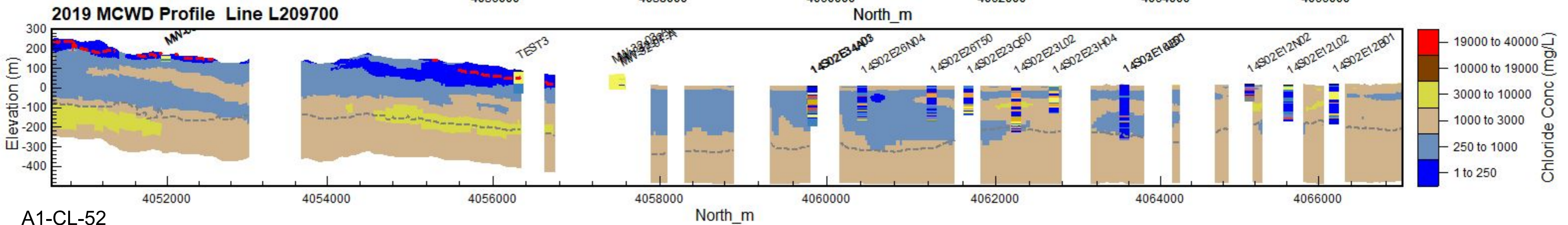
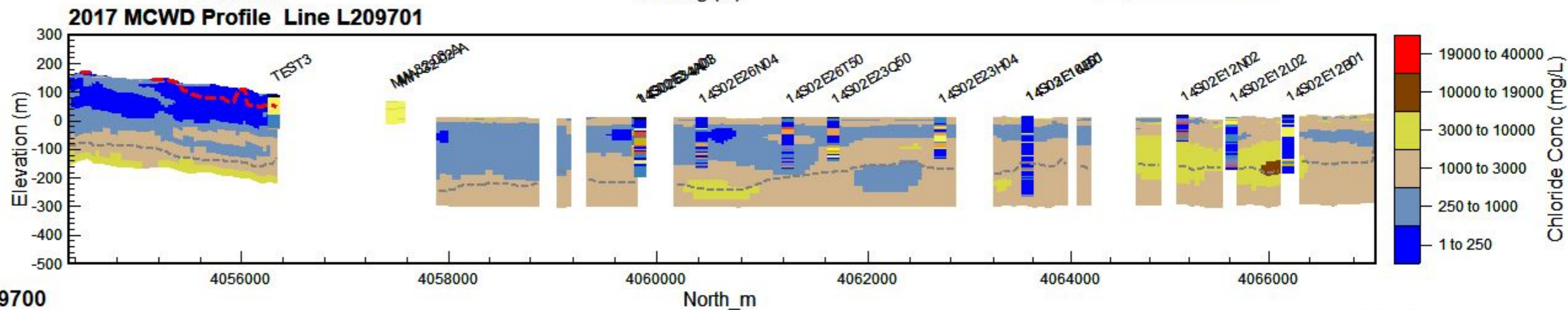
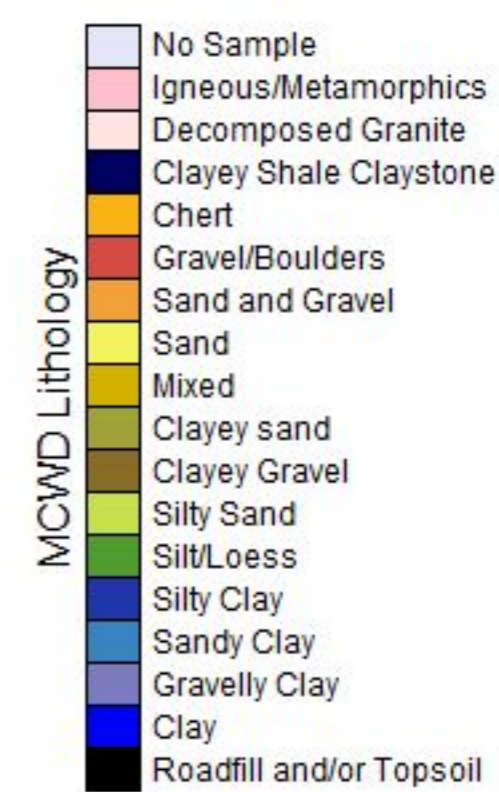
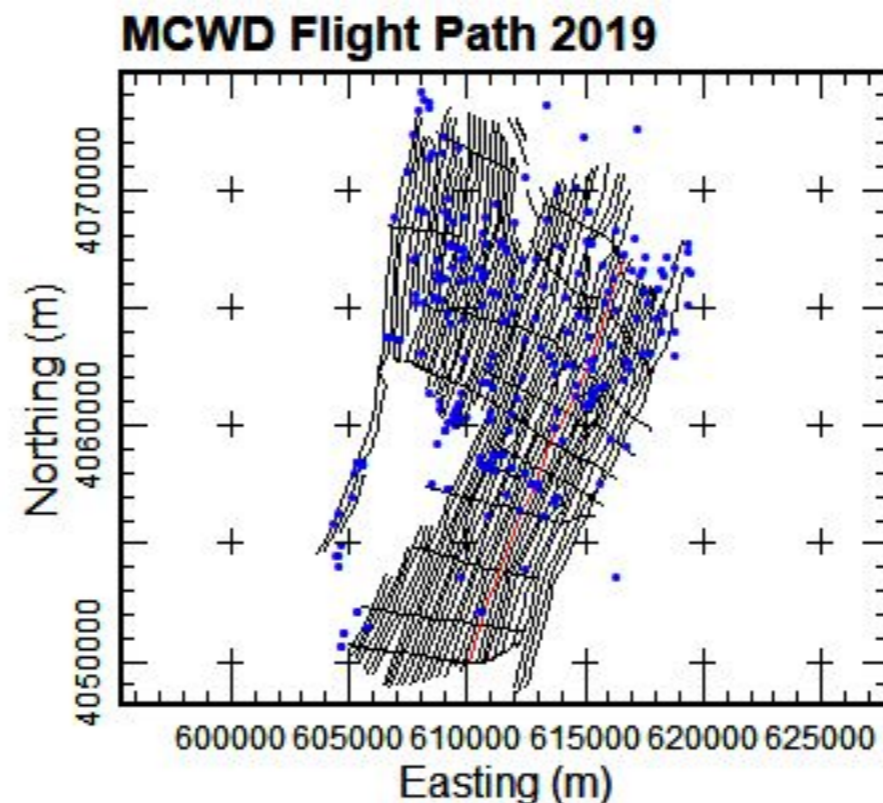
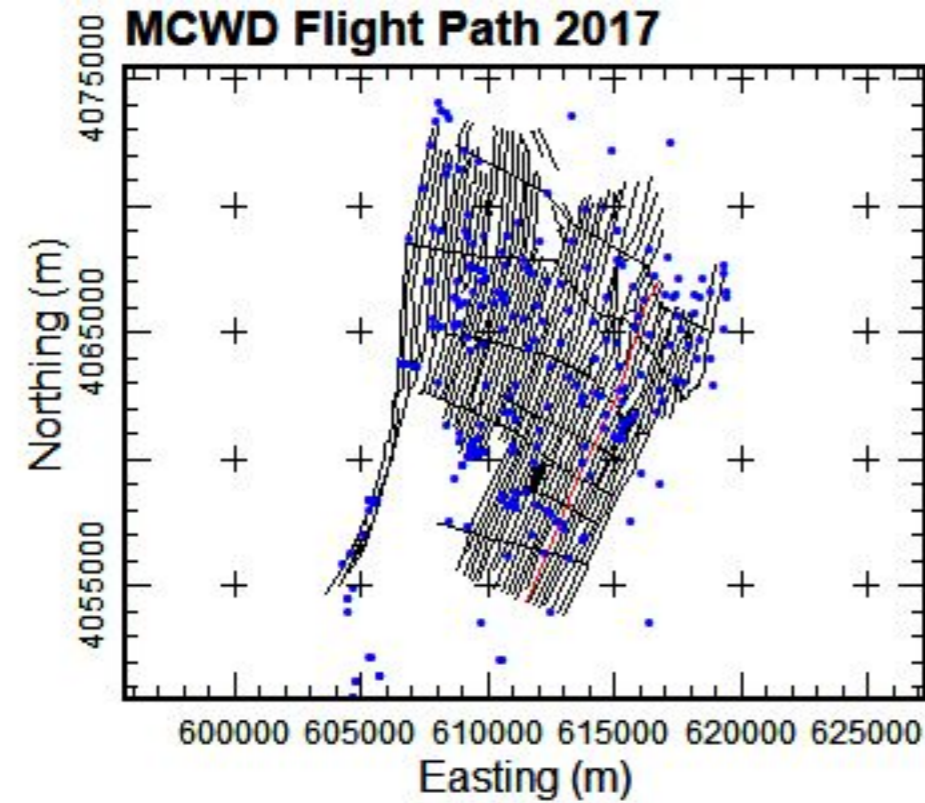
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

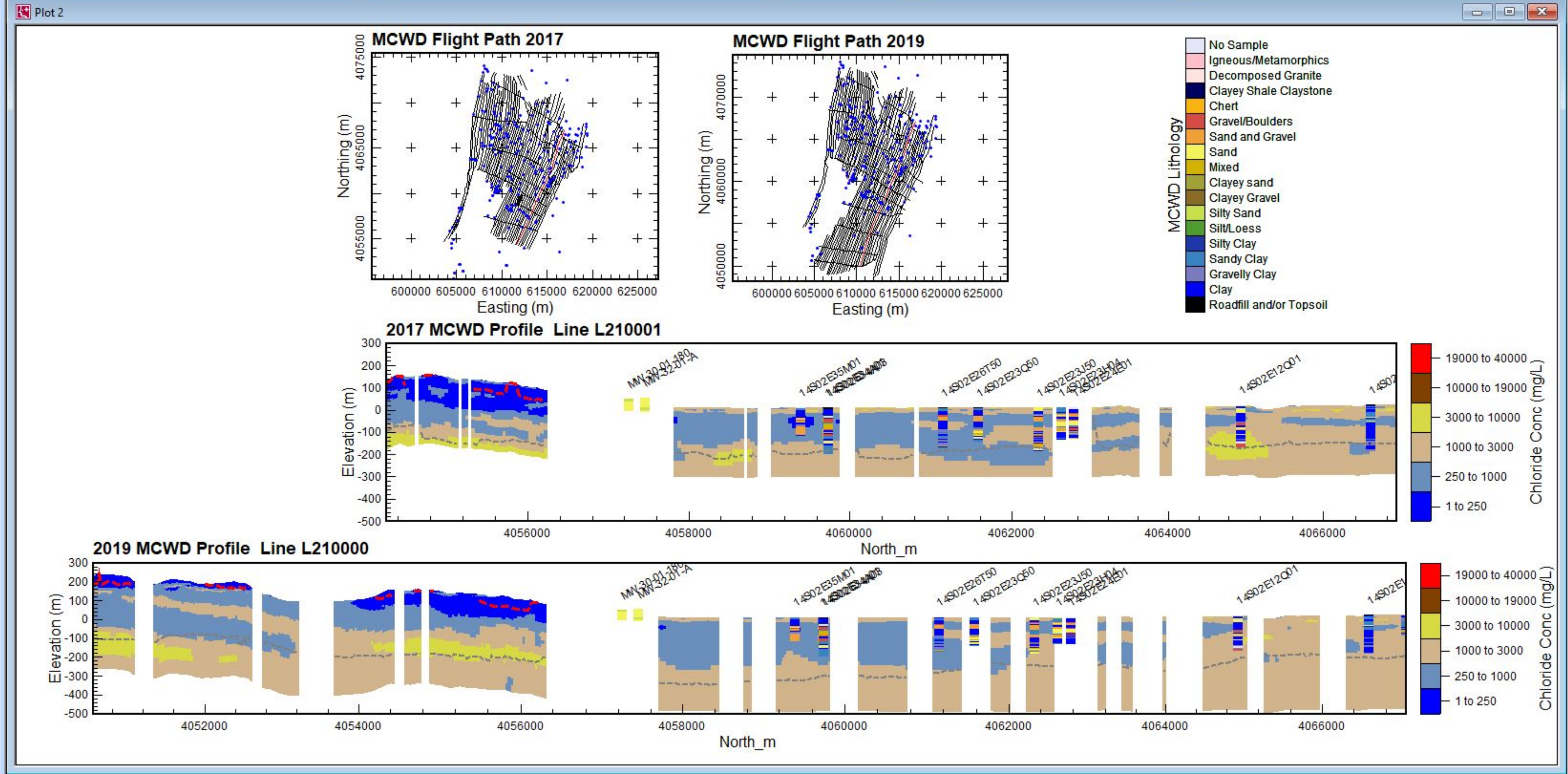


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



Workspace

- Map 1
 - X-A...
 - X-A...
 - Y-A...
 - Y-A...
 - XY I...
 - Drill...
 - Drill...
 - Drill...
 - Drill...
 - Flig...
- Map Frame
 - Map 1
 - X-A...
 - X-A...
 - Y-A...
 - Y-A...
 - XY I...
 - Drill...
 - Drill...
 - Drill...
 - Drill...
 - Flig...
- Profile Frame
 - Profile ...
 - X-A...
 - X-A...
 - Y-A...
 - Y-A...
 - Col...
 - Cur...
 - Cur...
 - Drill...
 - Drill...
 - Drill...
 - Drill...
 - Sect...
- Profile Frame
 - Profile ...
 - X-A...
 - X-A...
 - Y-A...
 - Y-A...
 - Col...
 - Cur...
 - Cur...
 - Drill...
 - Drill...
 - Drill...
 - Drill...
 - Sect...



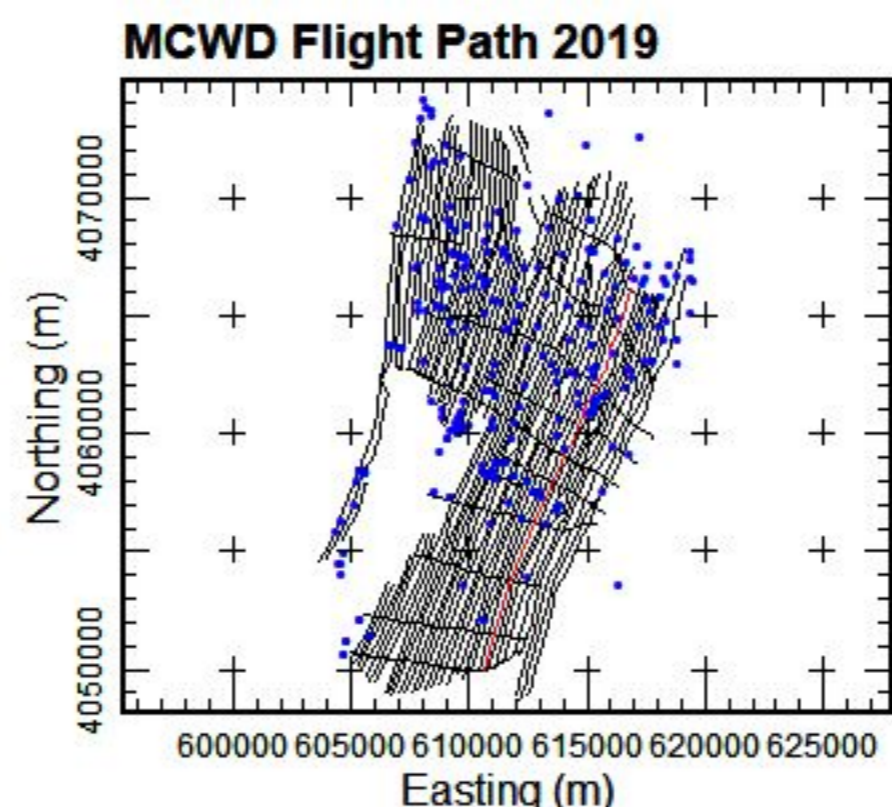
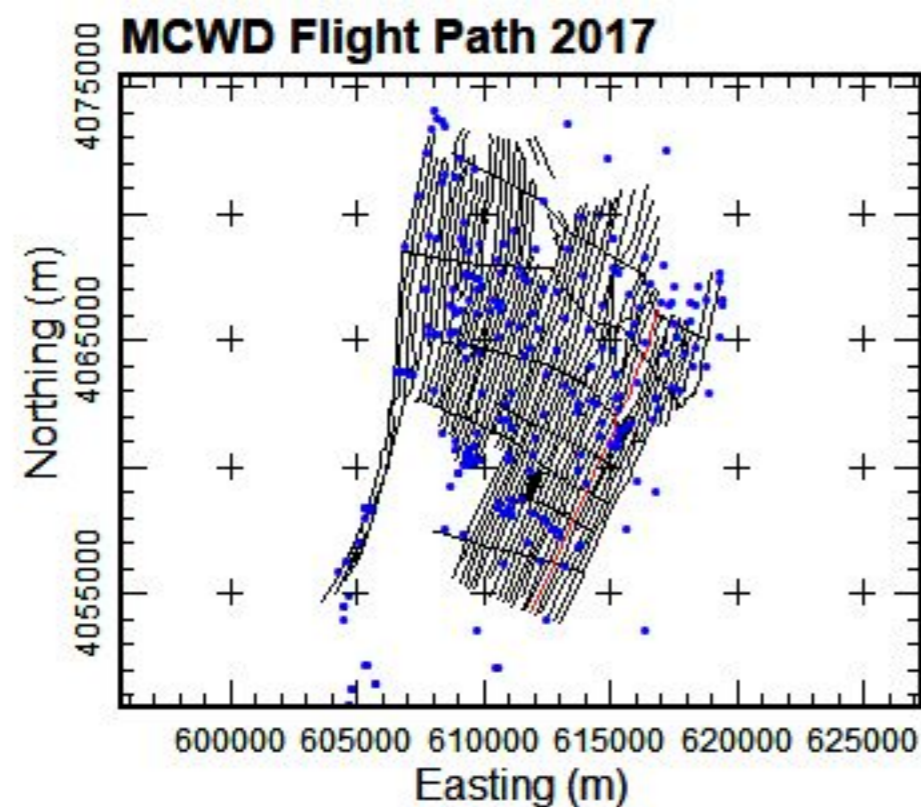
Feature Data

Database: [] Feature Set: [] Show selected features only Customize...

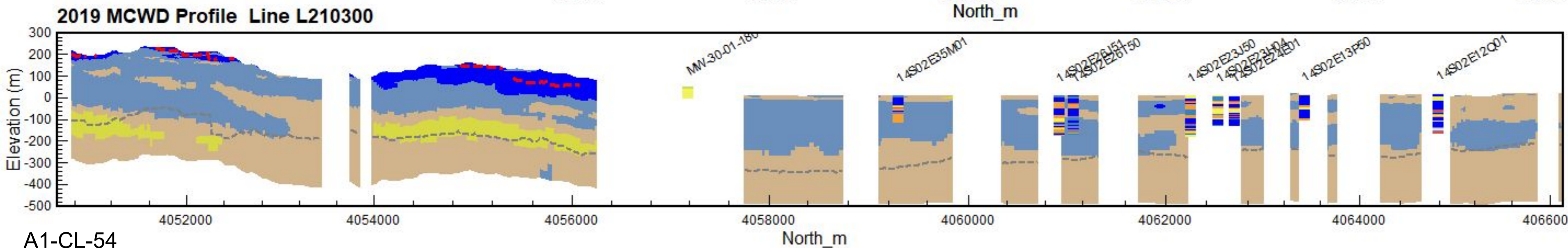
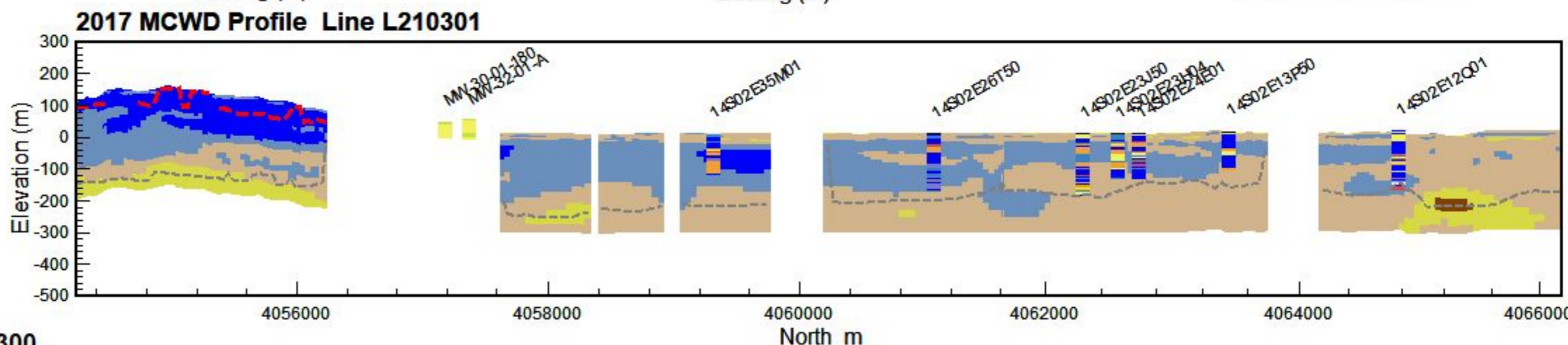
Project Folder: D:\AquaGeo\Fieldwork\US_States\California\Monterey\2019\Data\ProcessedDa

0.00 0.00 0.00 Bearing:315 Inclination:-30

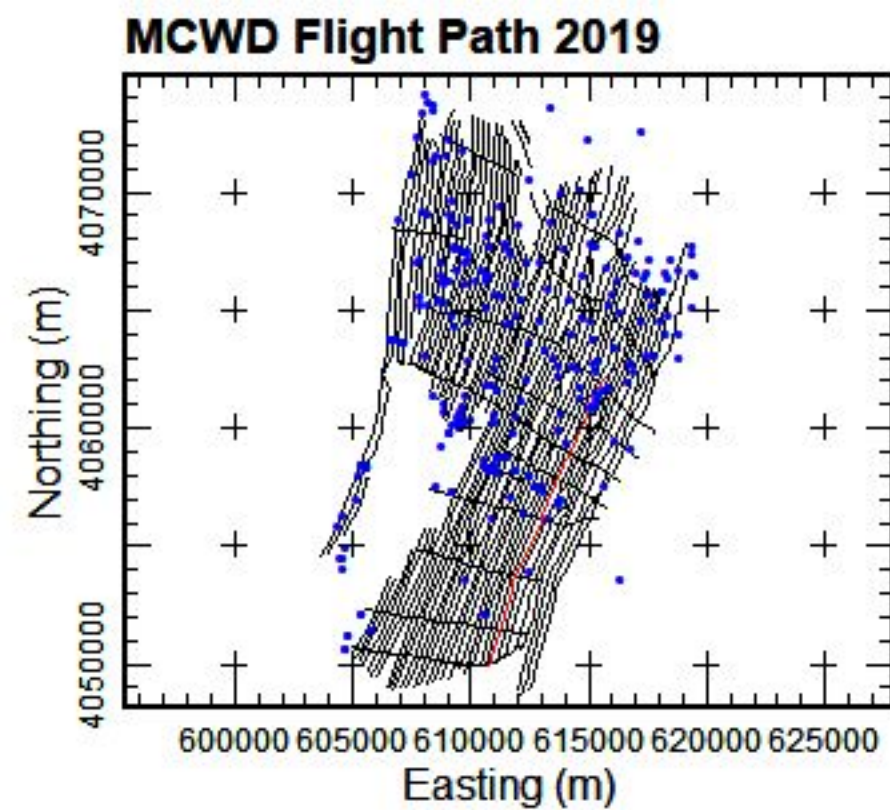
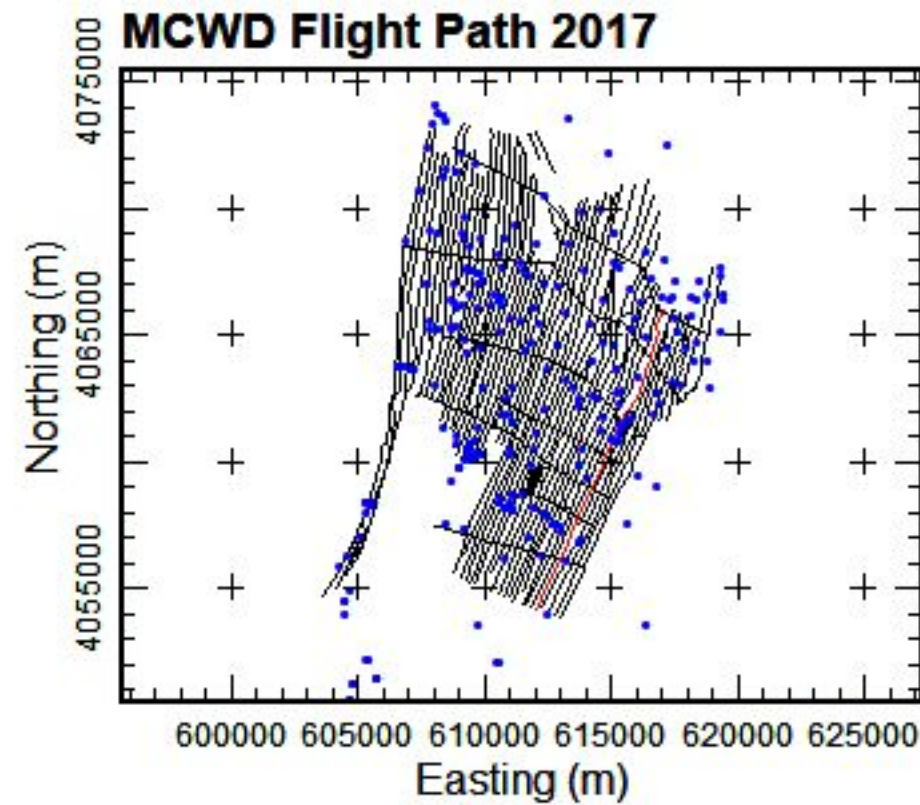
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



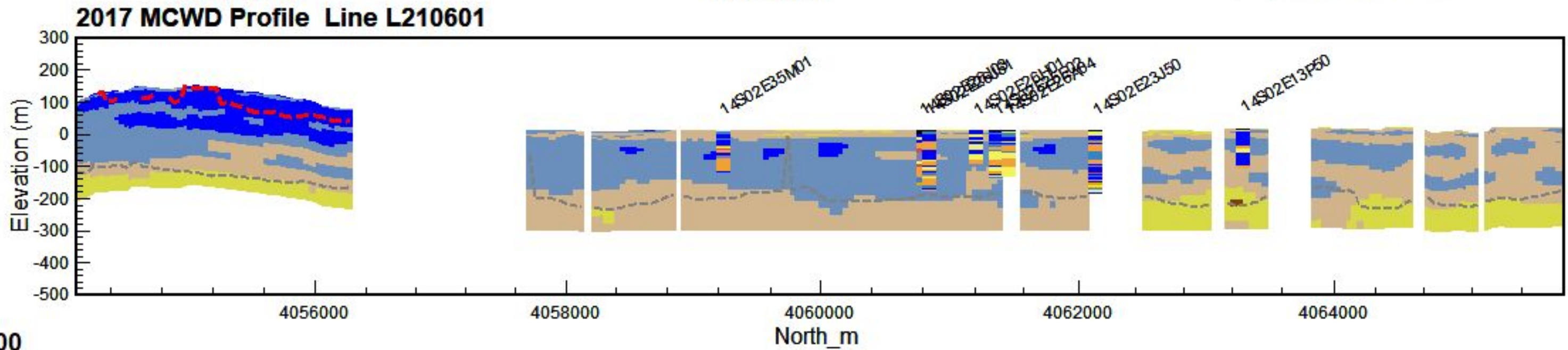
- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil



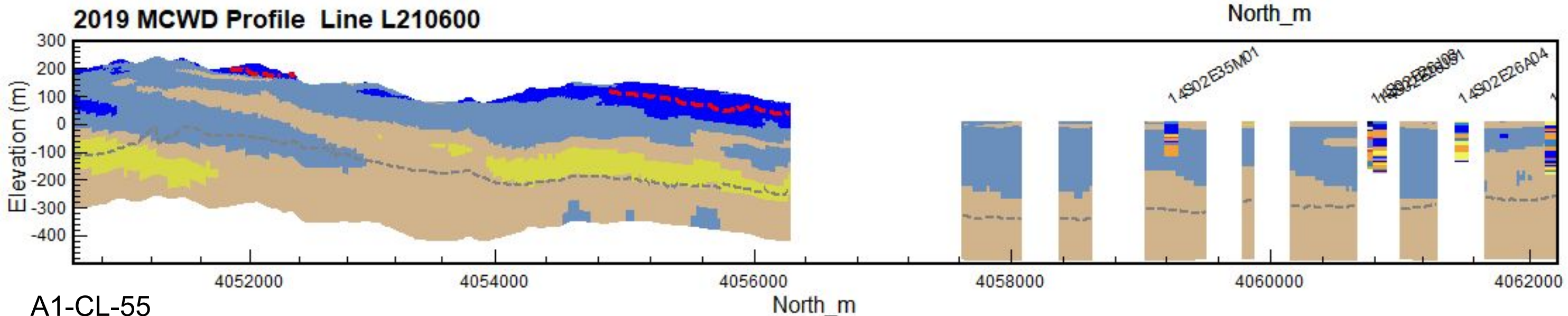
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

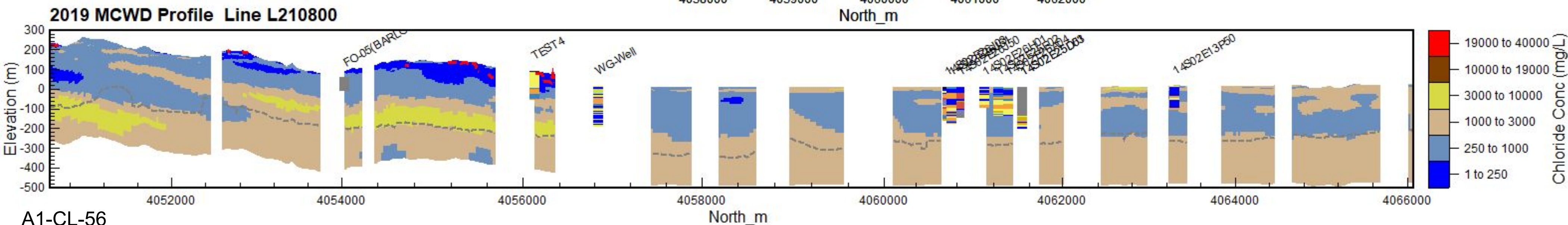
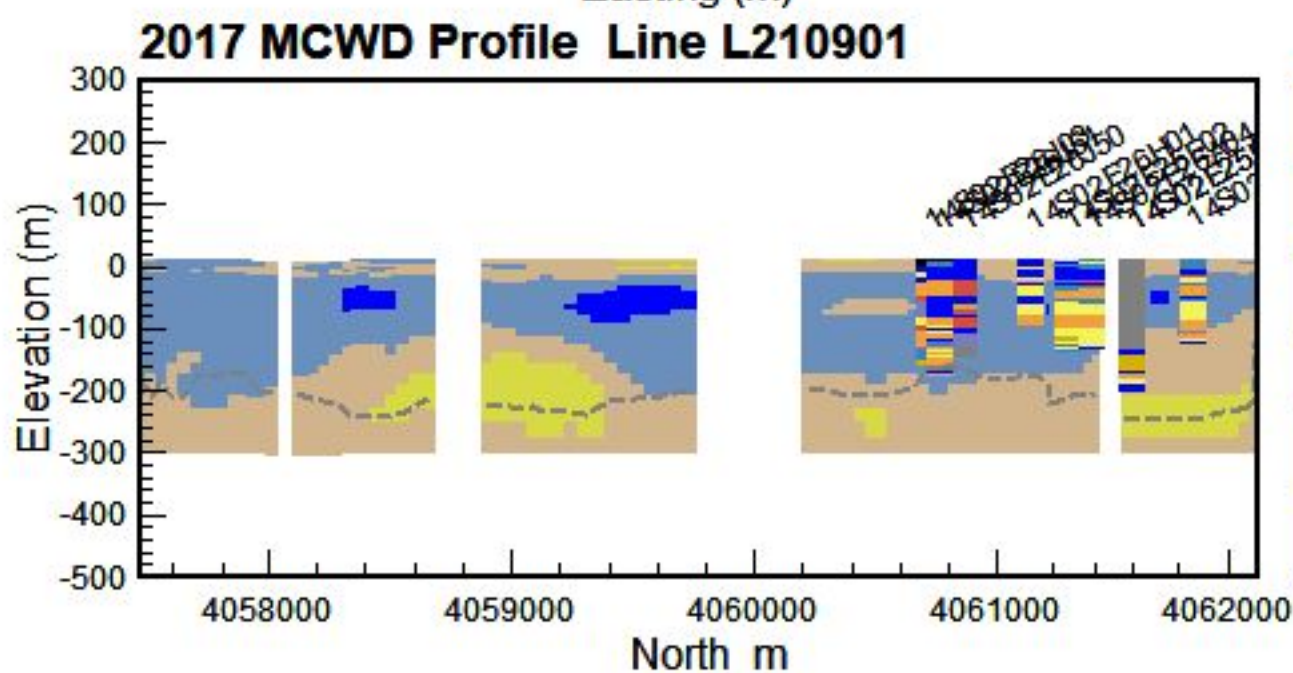
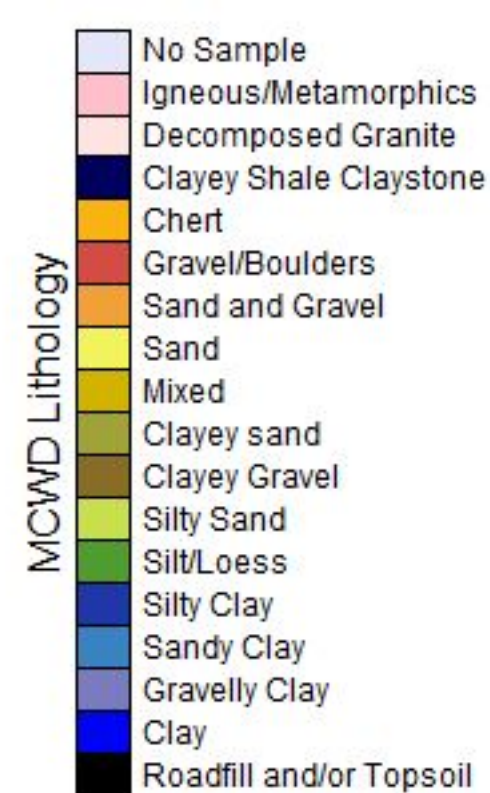
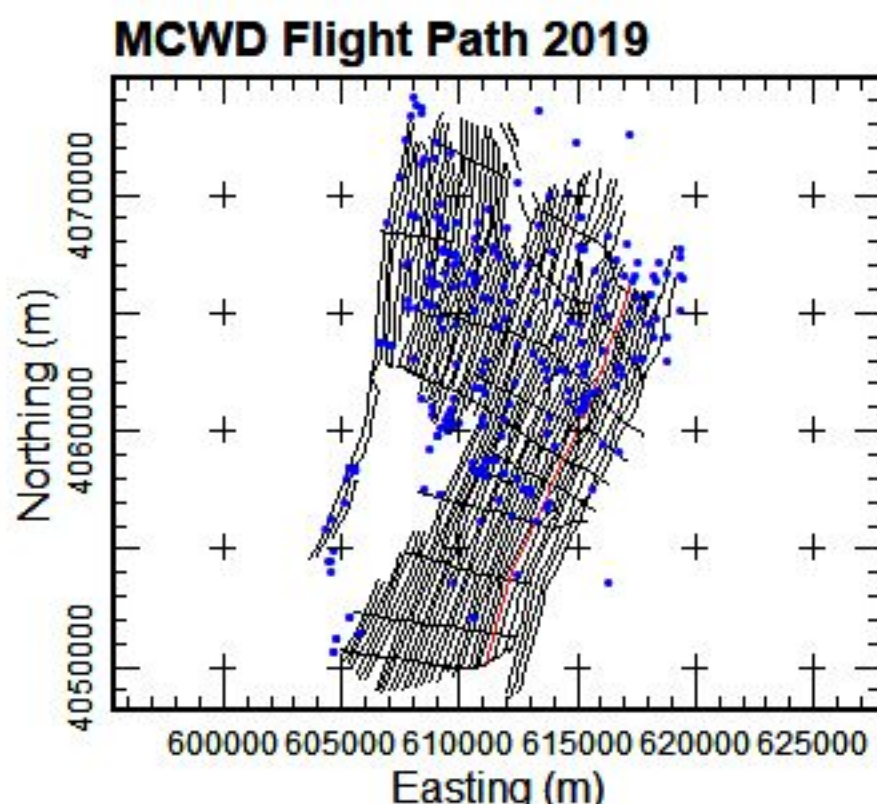
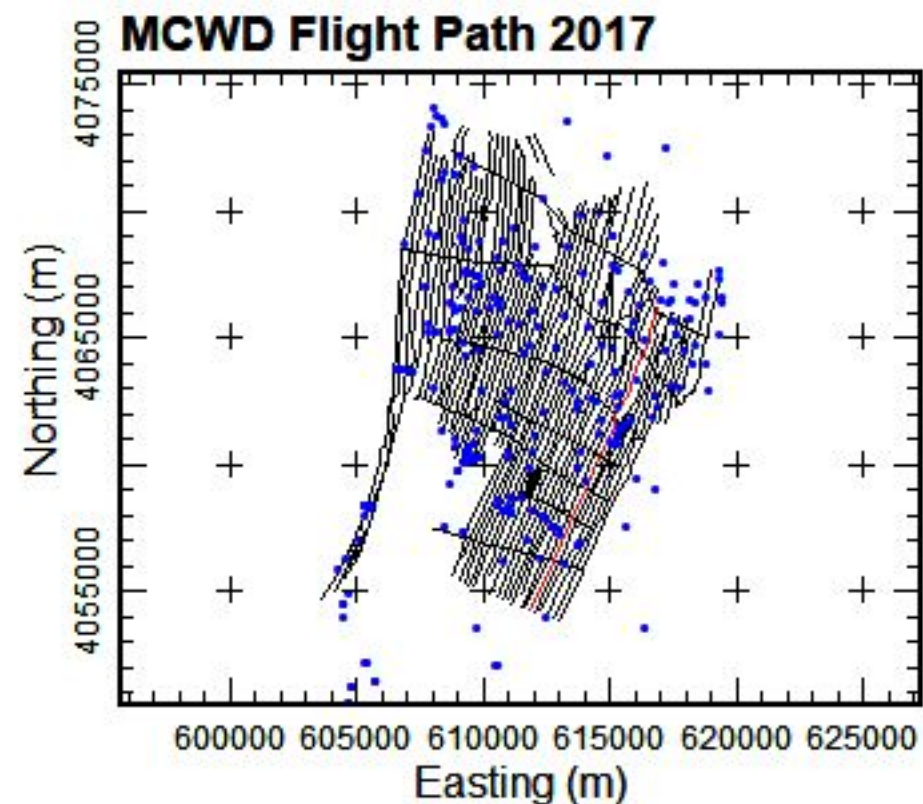


- Chloride Conc (mg/L)**
- 19000 to 40000
 - 10000 to 19000
 - 3000 to 10000
 - 1000 to 3000
 - 250 to 1000
 - 1 to 250

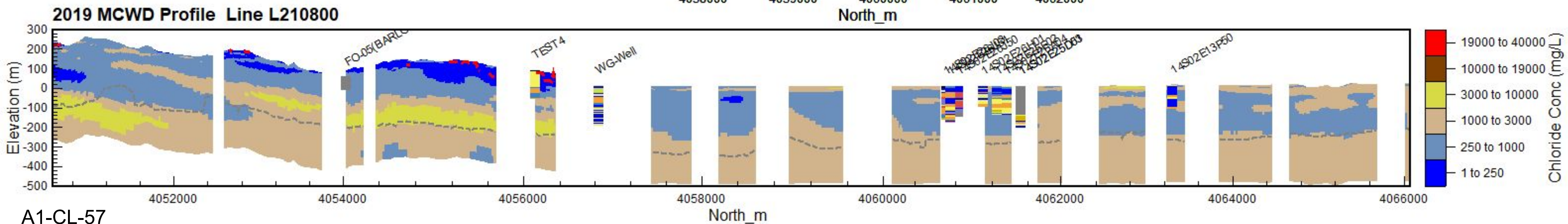
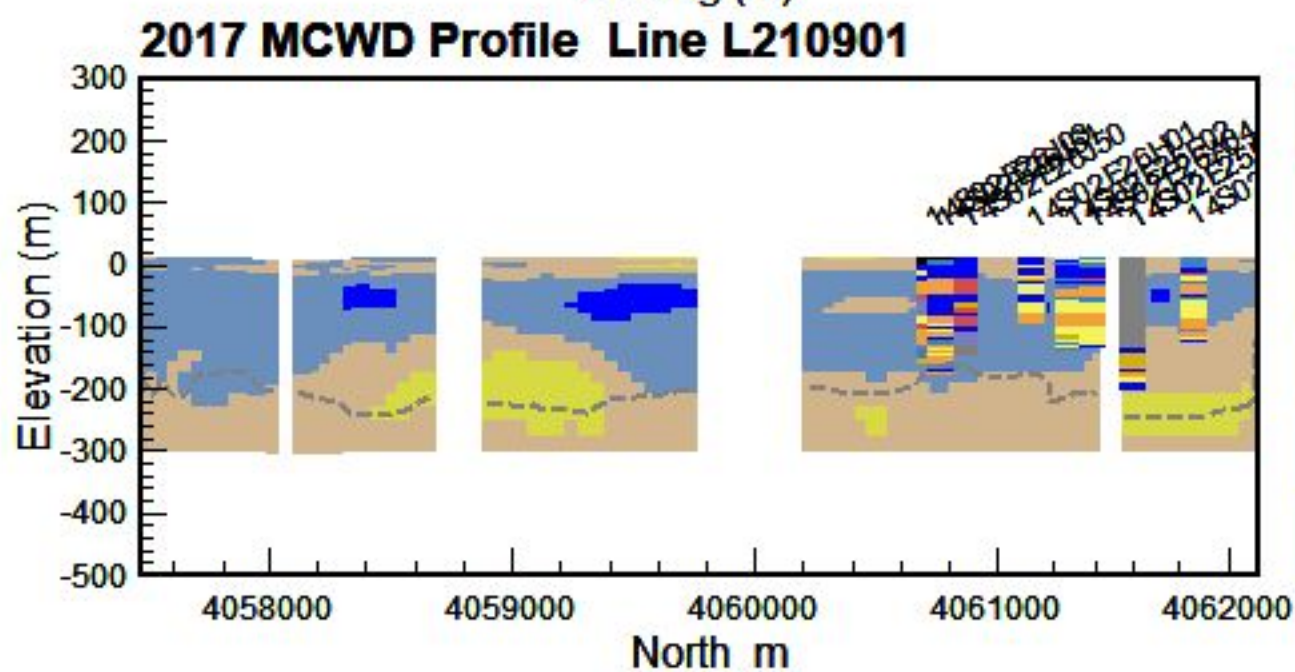
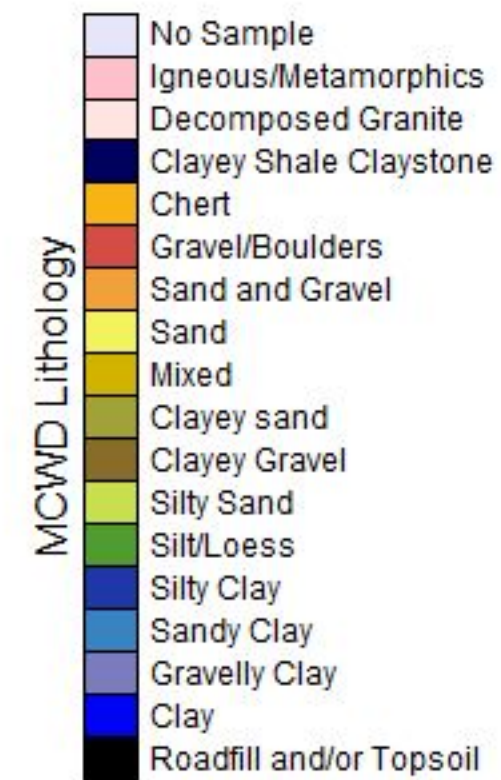
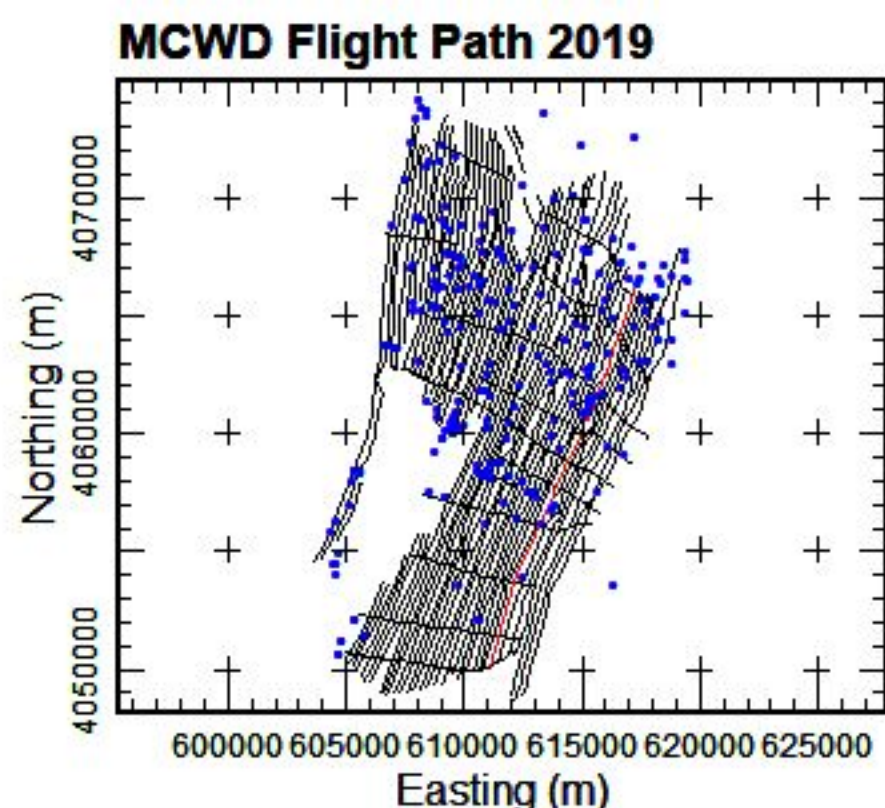
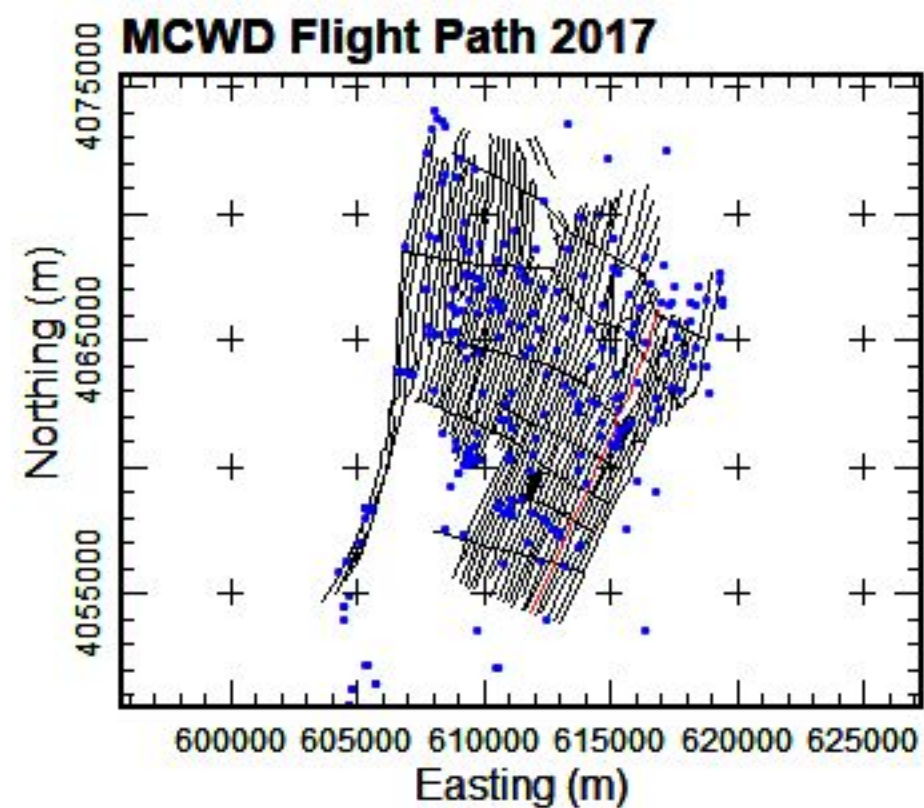


- Chloride Conc (mg/L)**
- 19000 to 40000
 - 10000 to 19000
 - 3000 to 10000
 - 1000 to 3000
 - 250 to 1000
 - 1 to 250

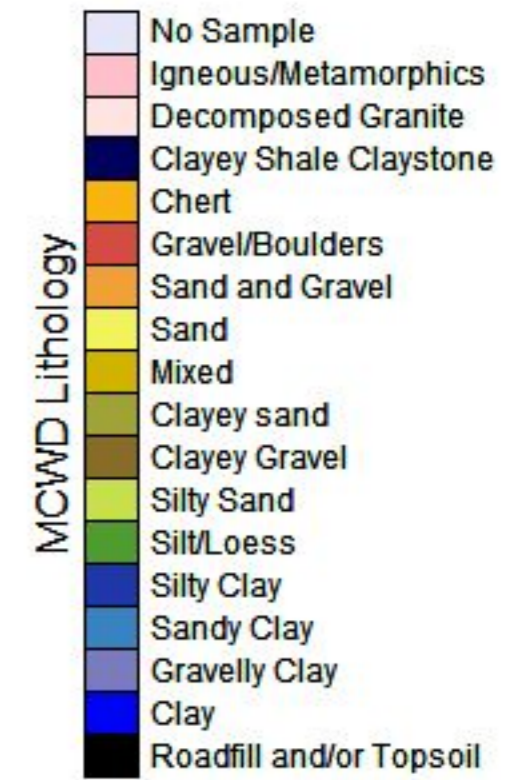
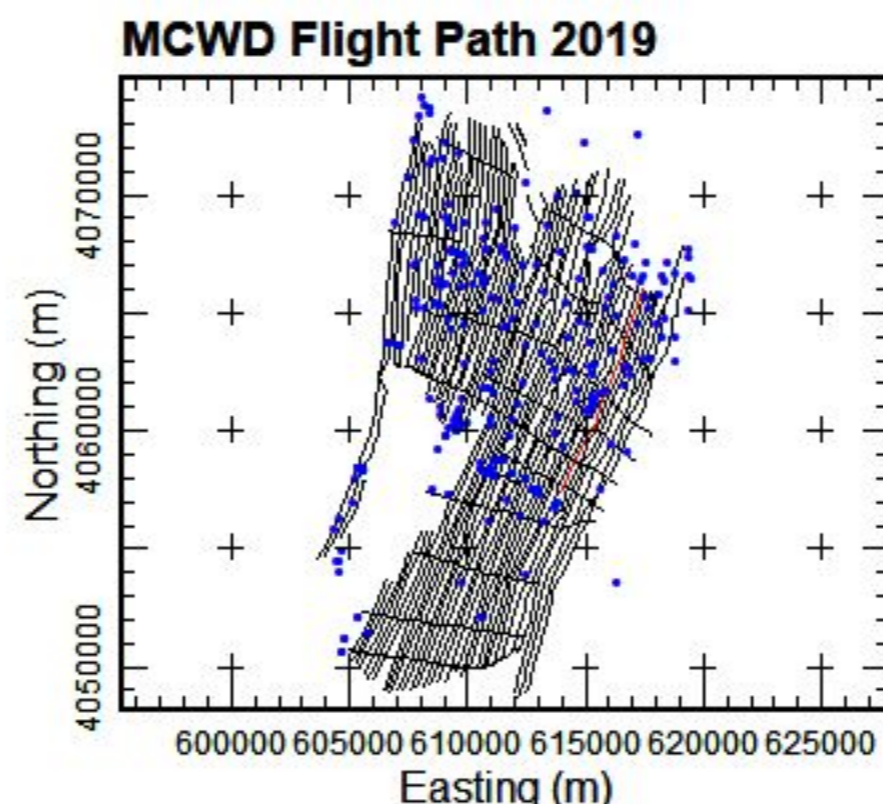
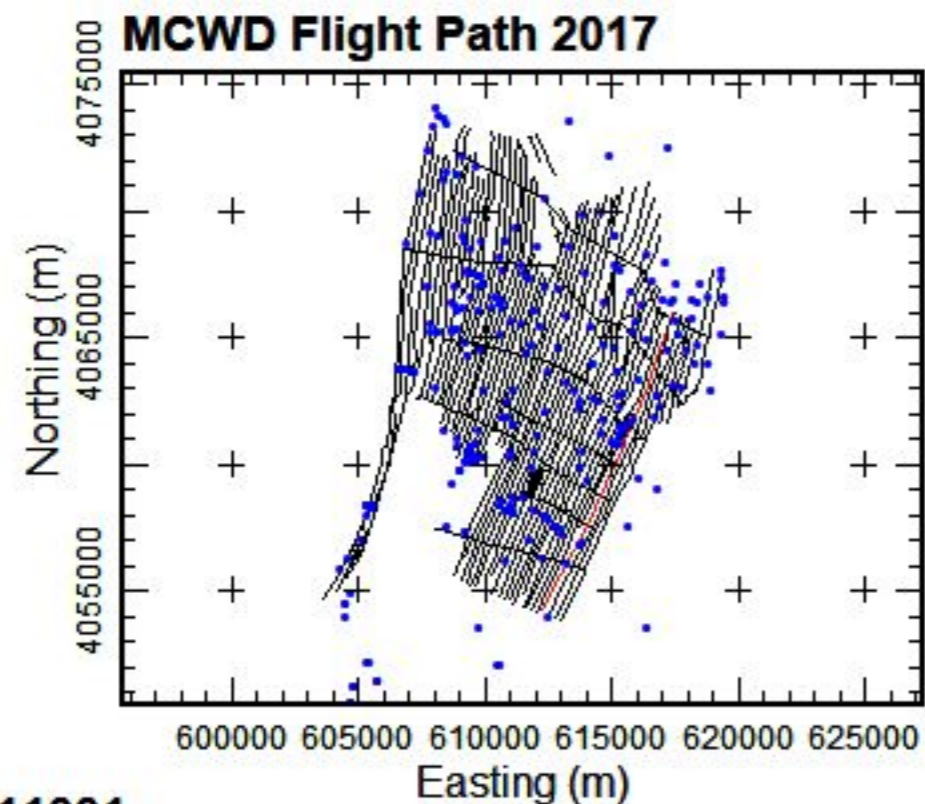
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



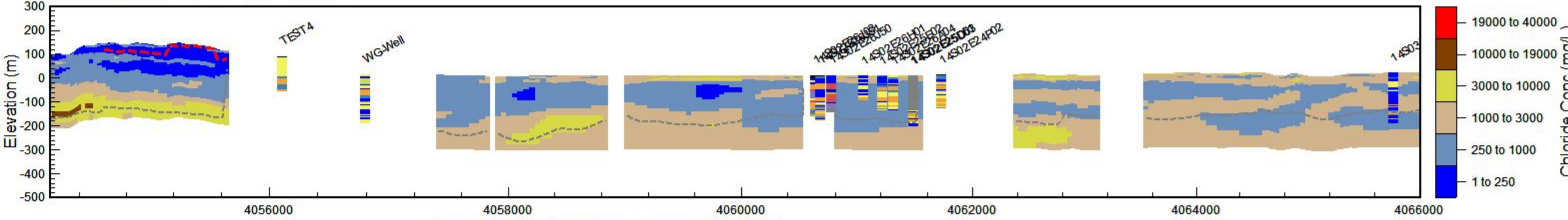
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



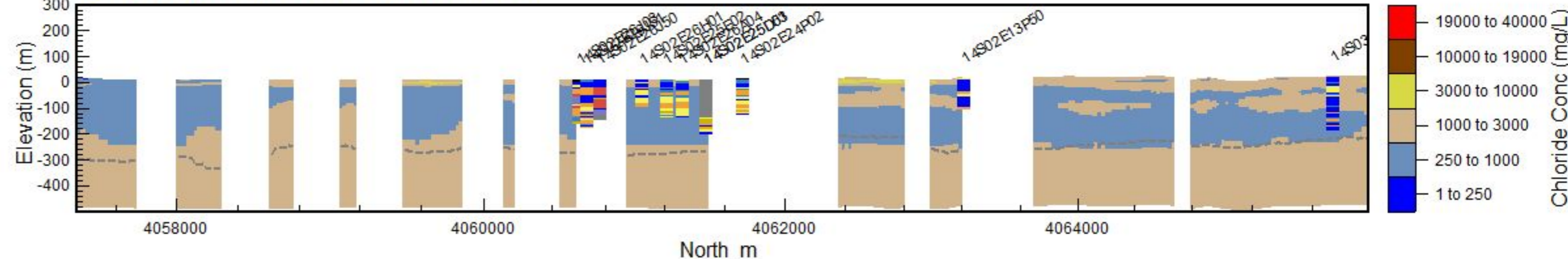
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



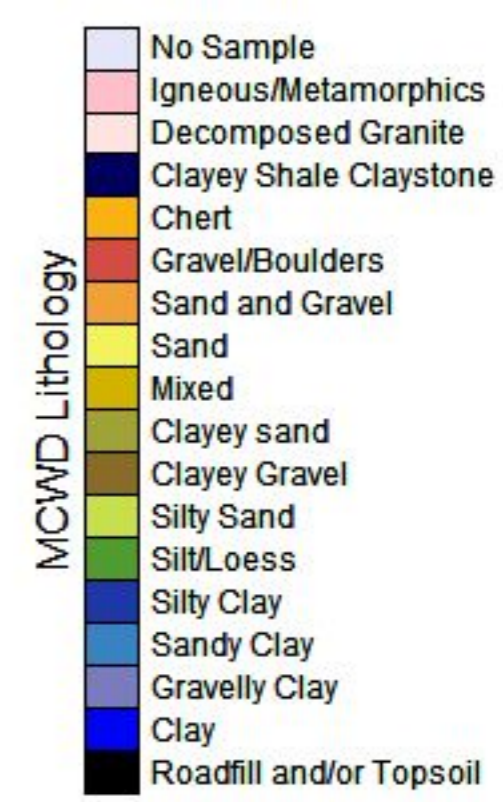
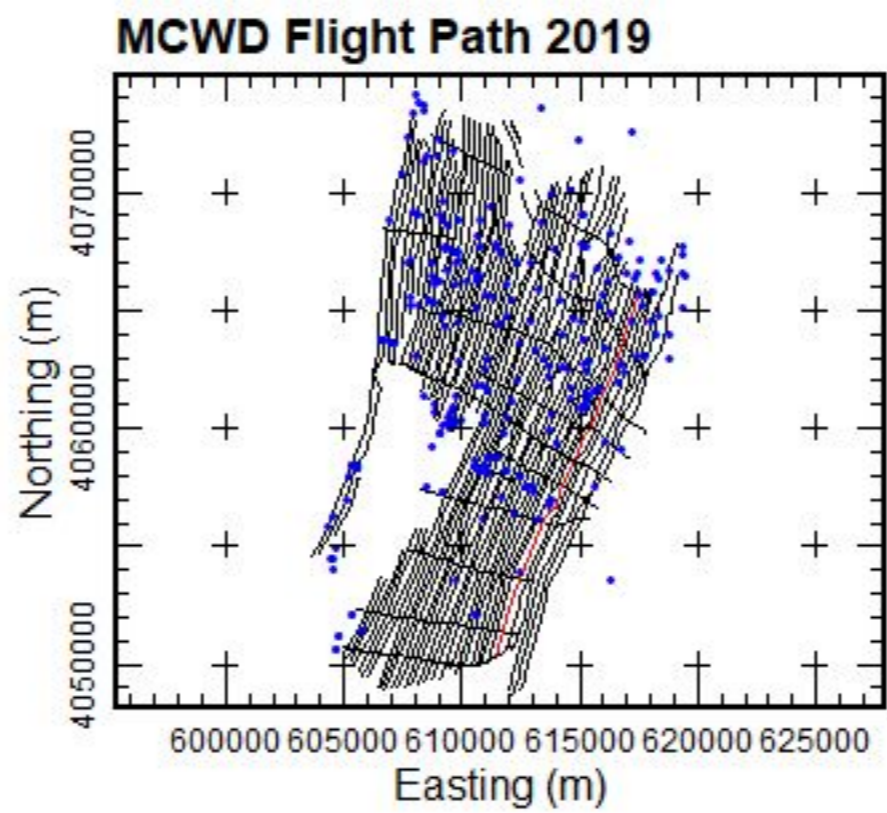
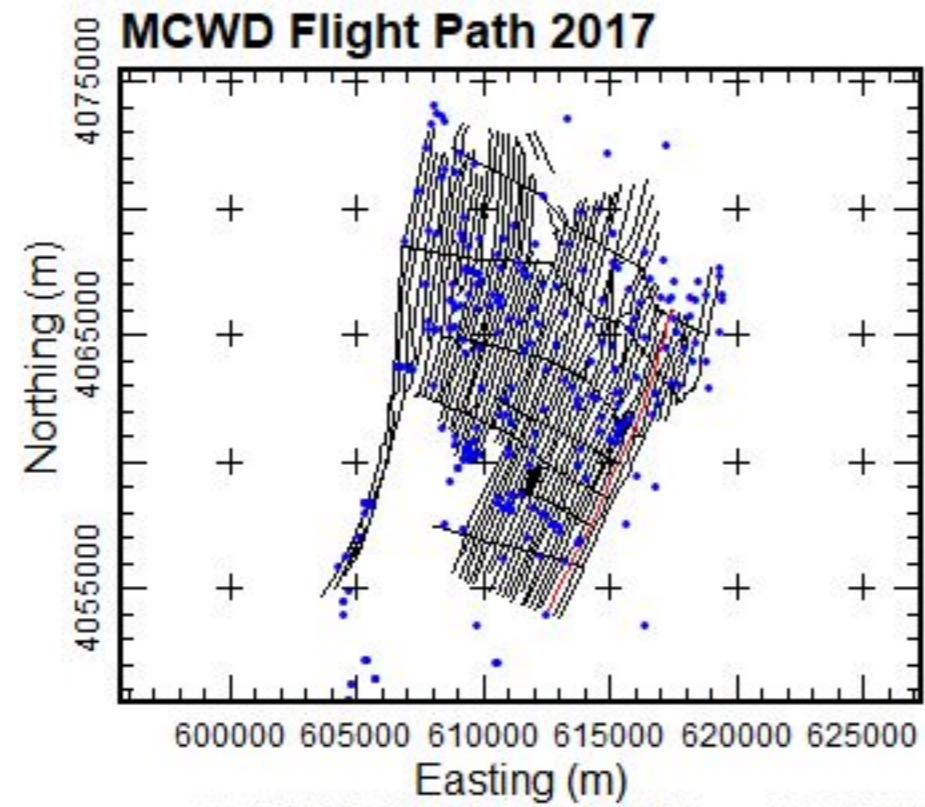
2017 MCWD Profile Line L211001



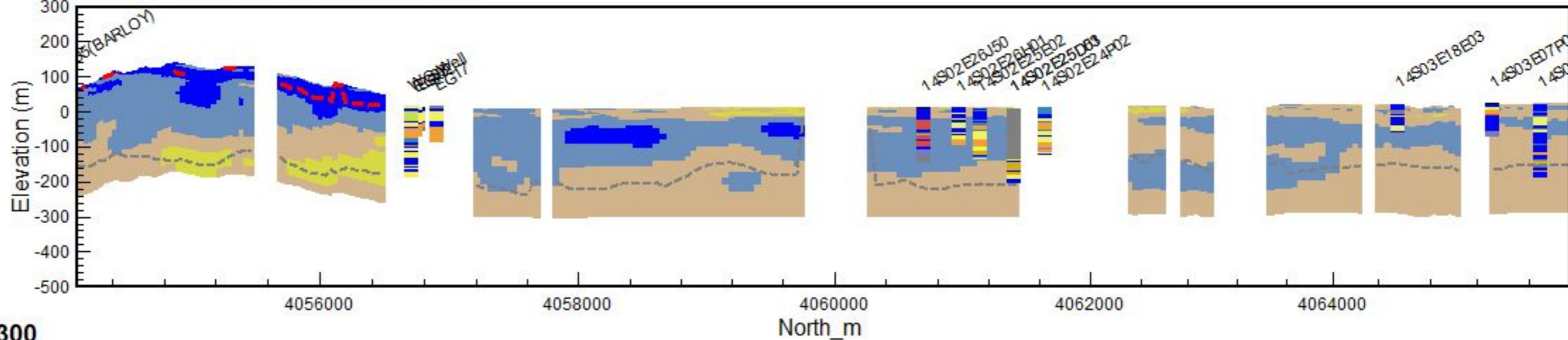
2019 MCWD Profile Line L211000



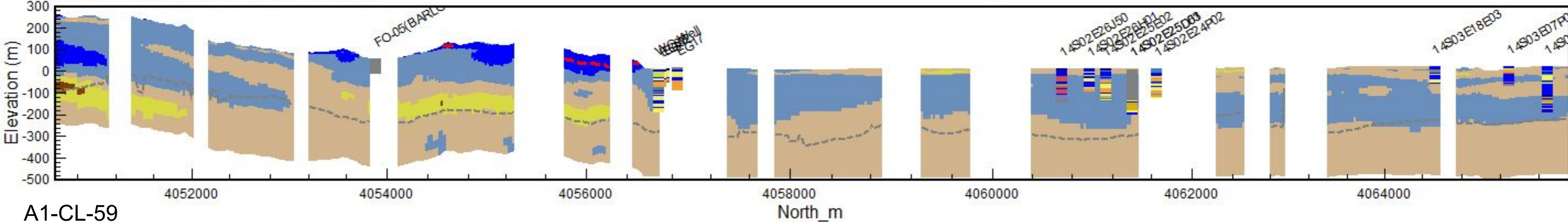
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



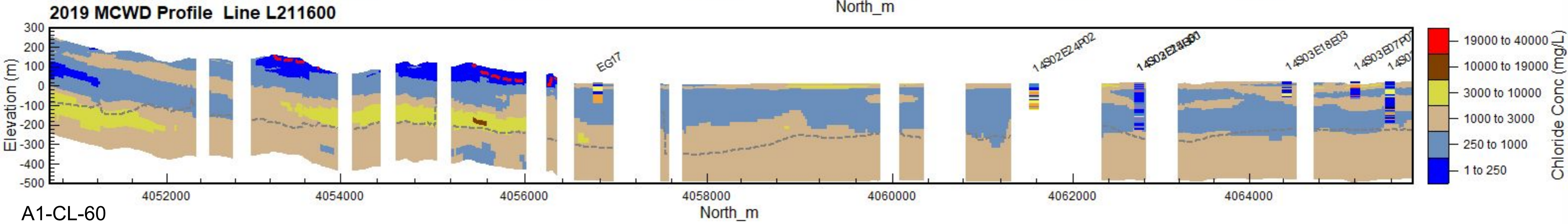
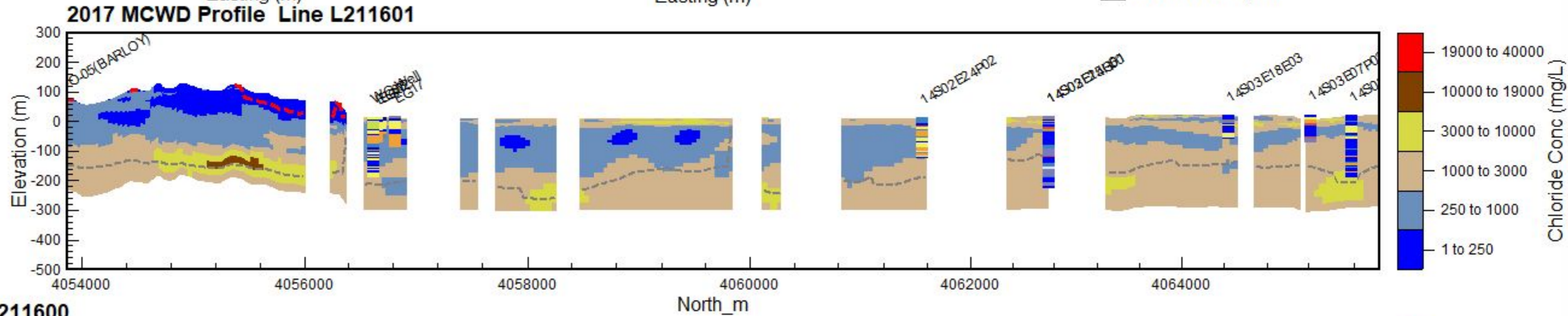
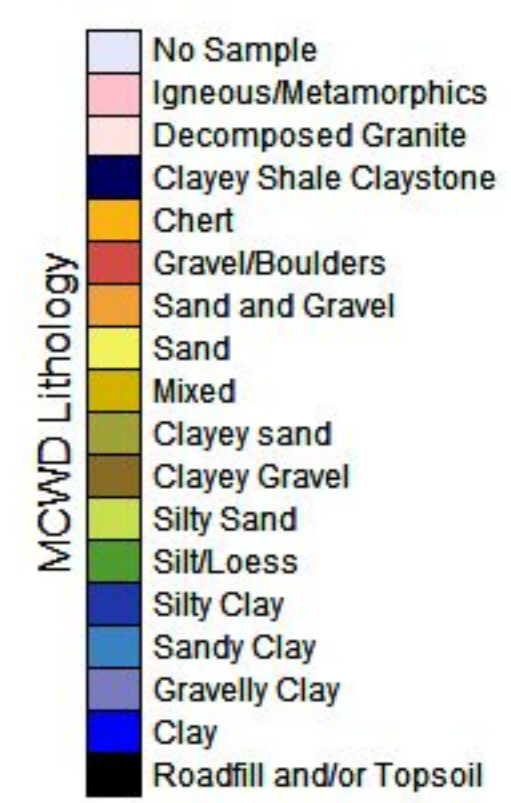
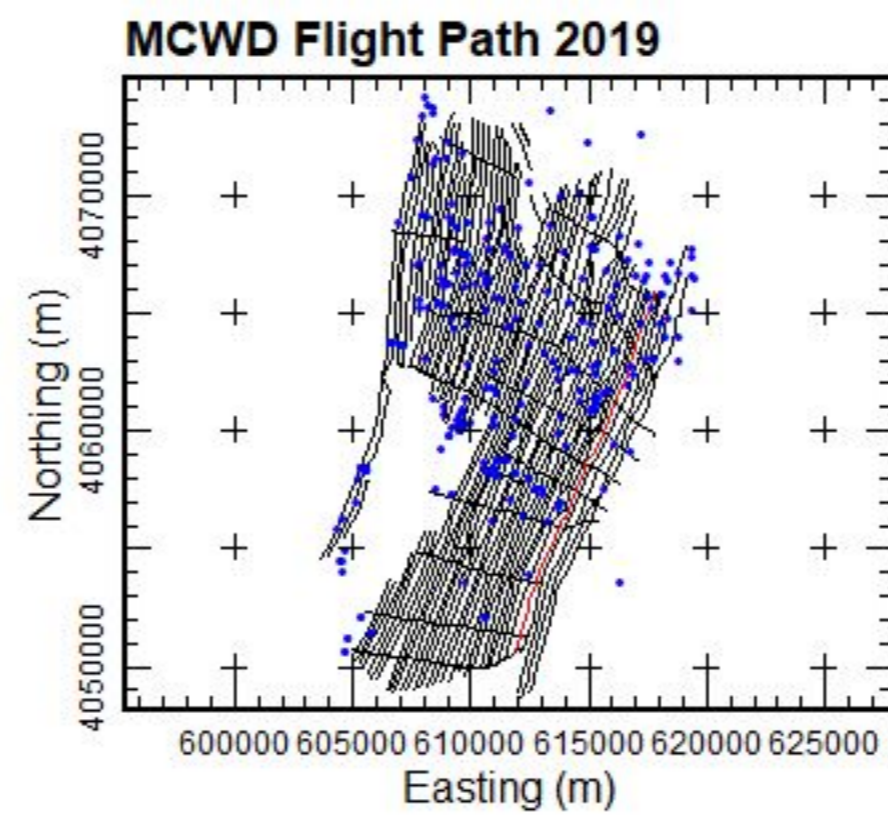
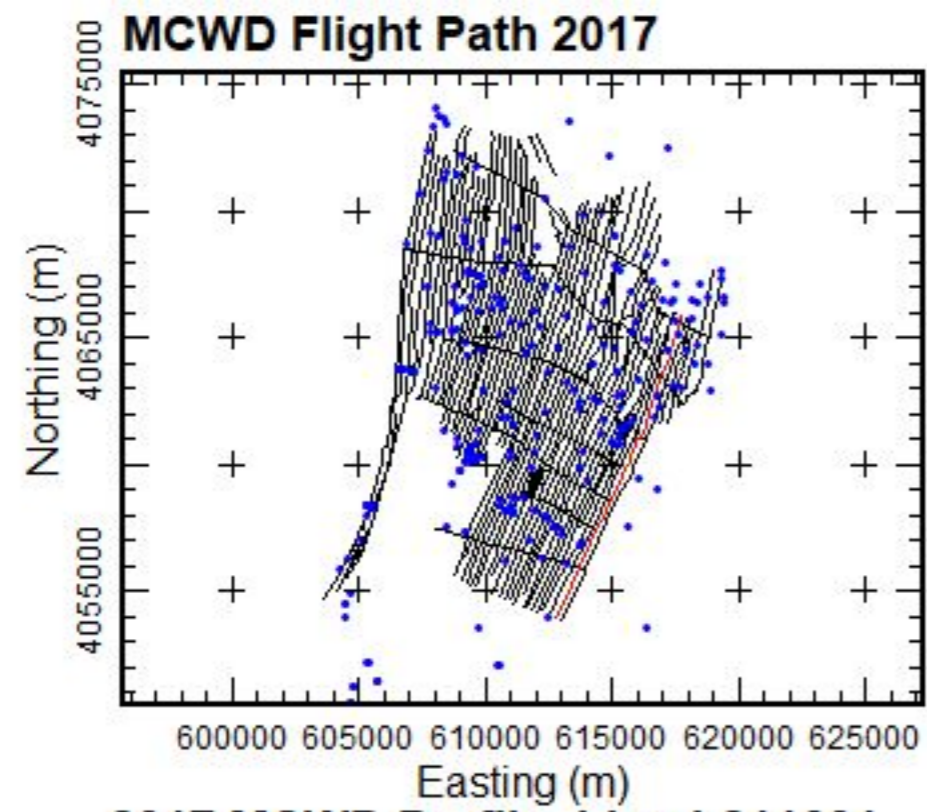
2017 MCWD Profile Line L211301



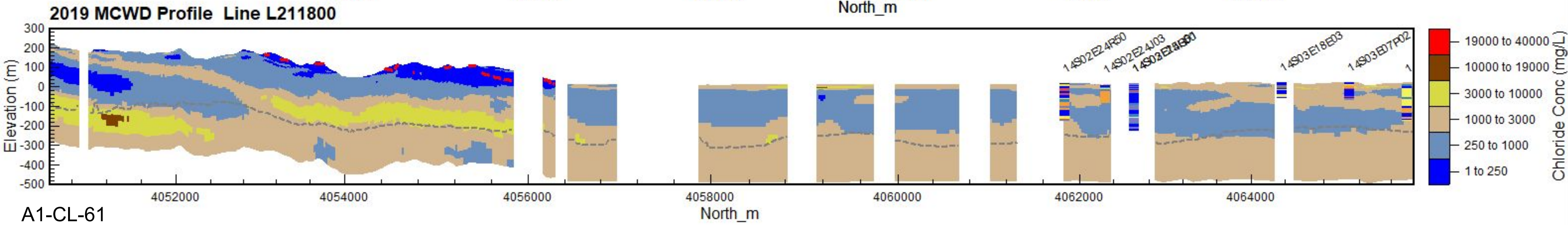
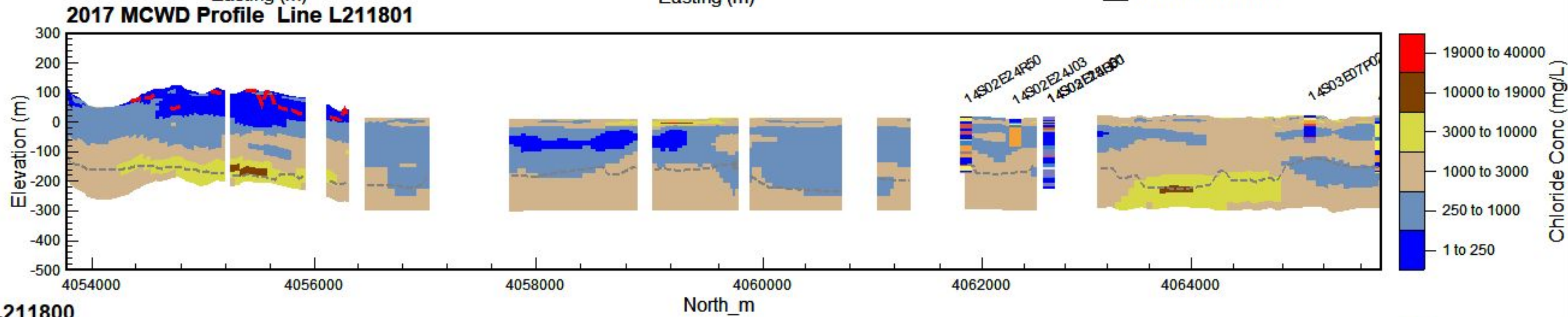
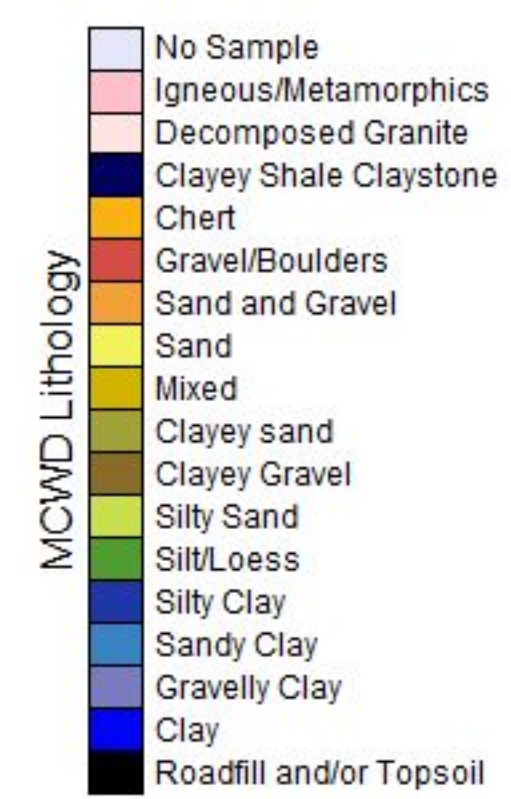
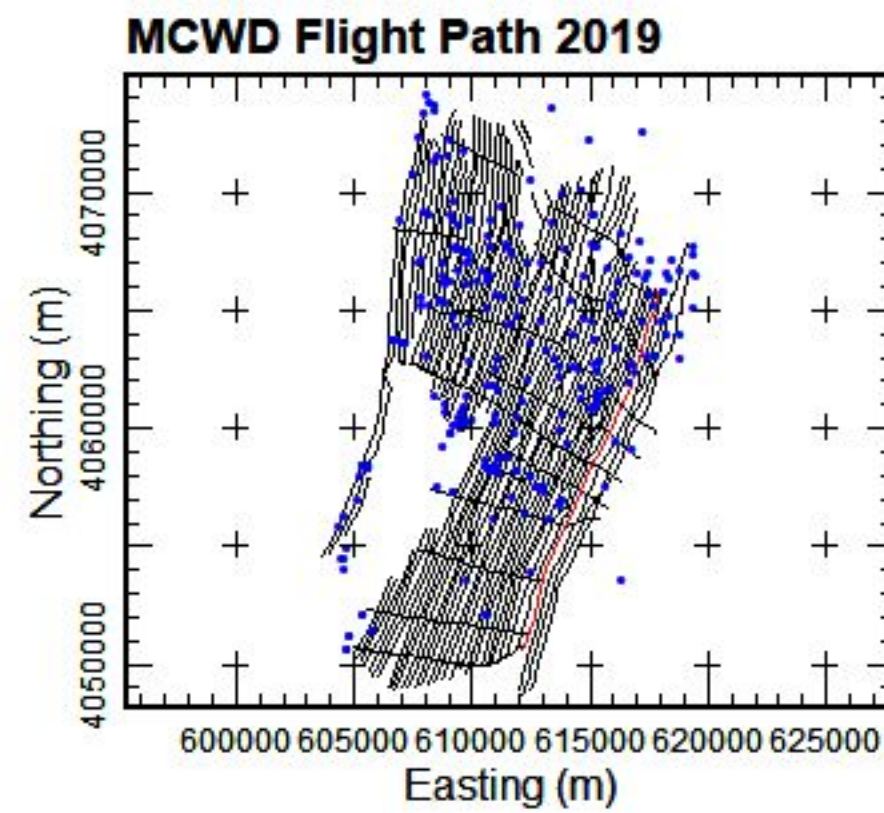
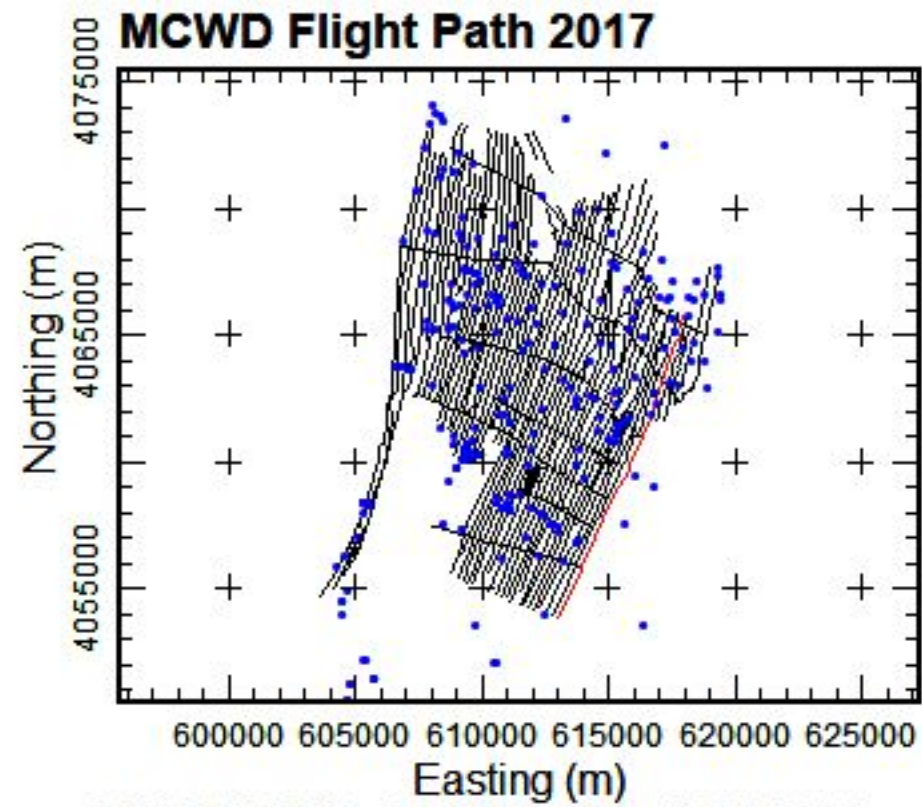
2019 MCWD Profile Line L211300



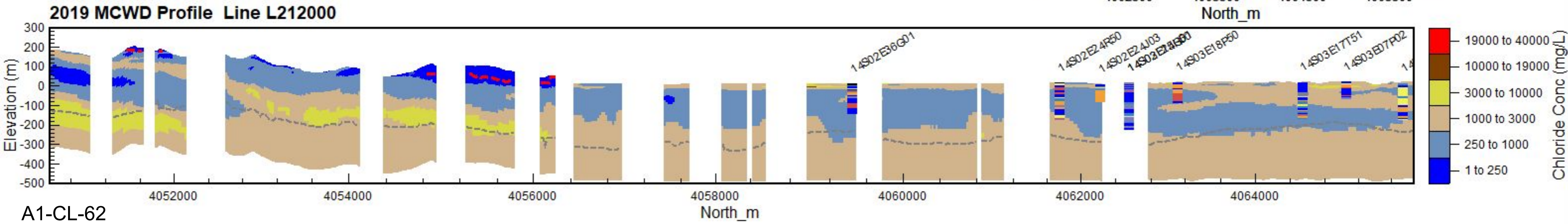
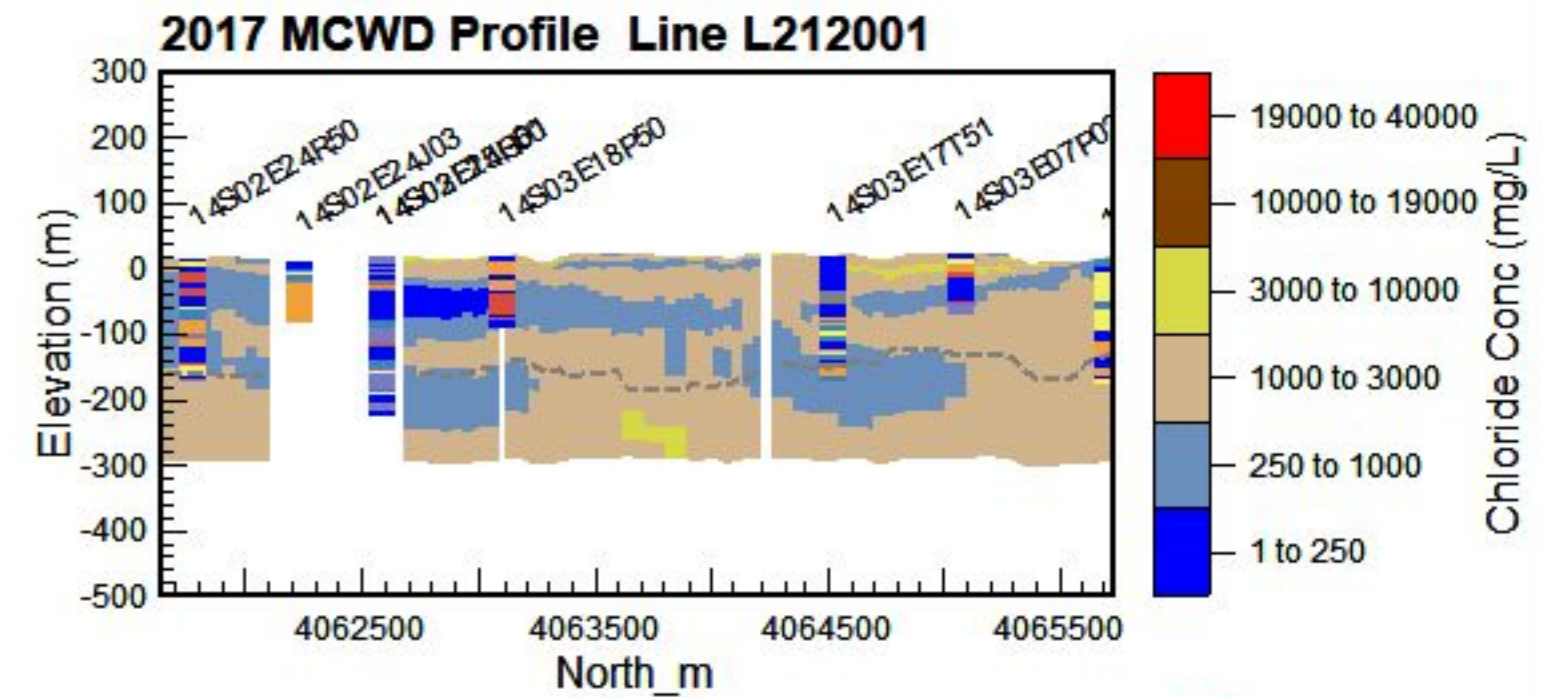
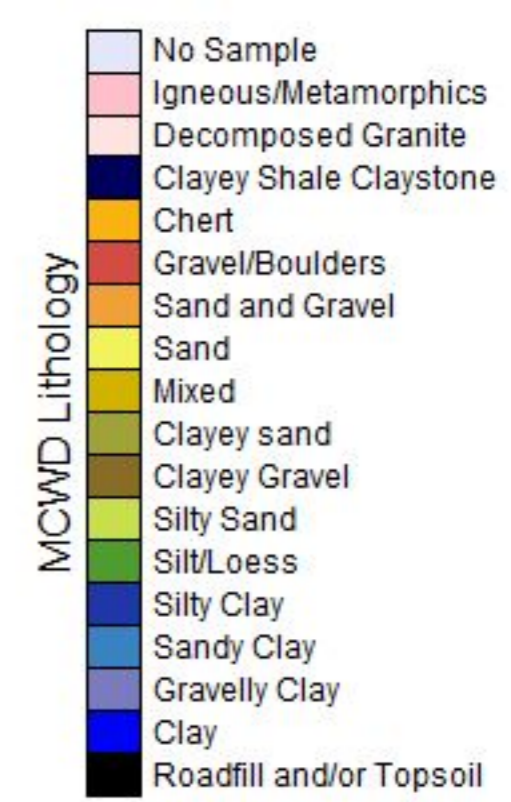
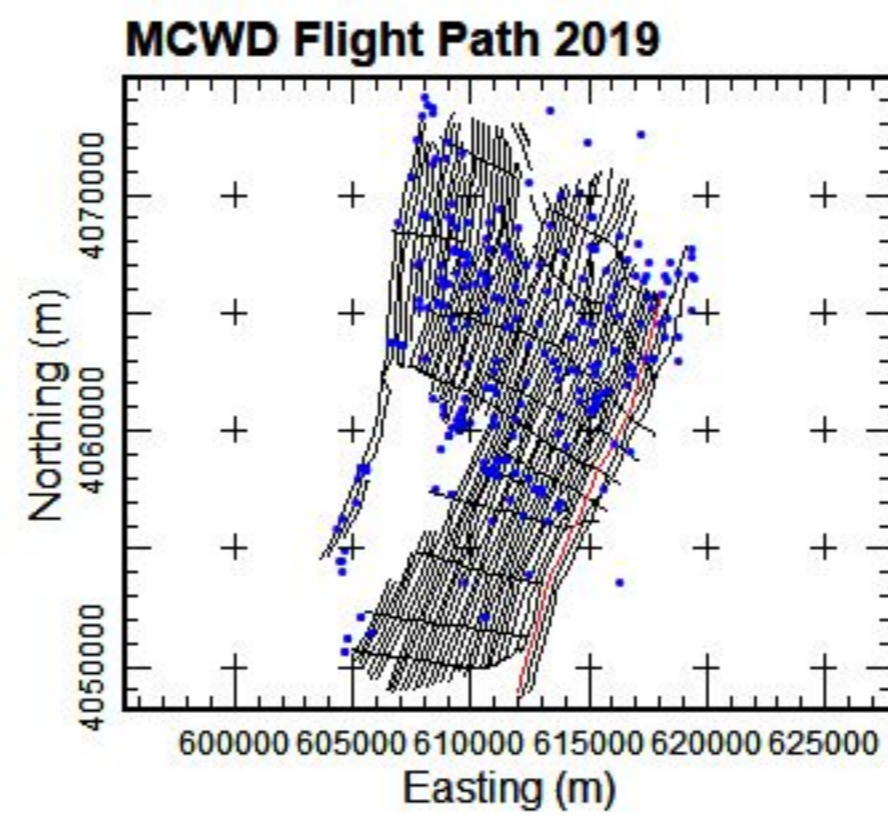
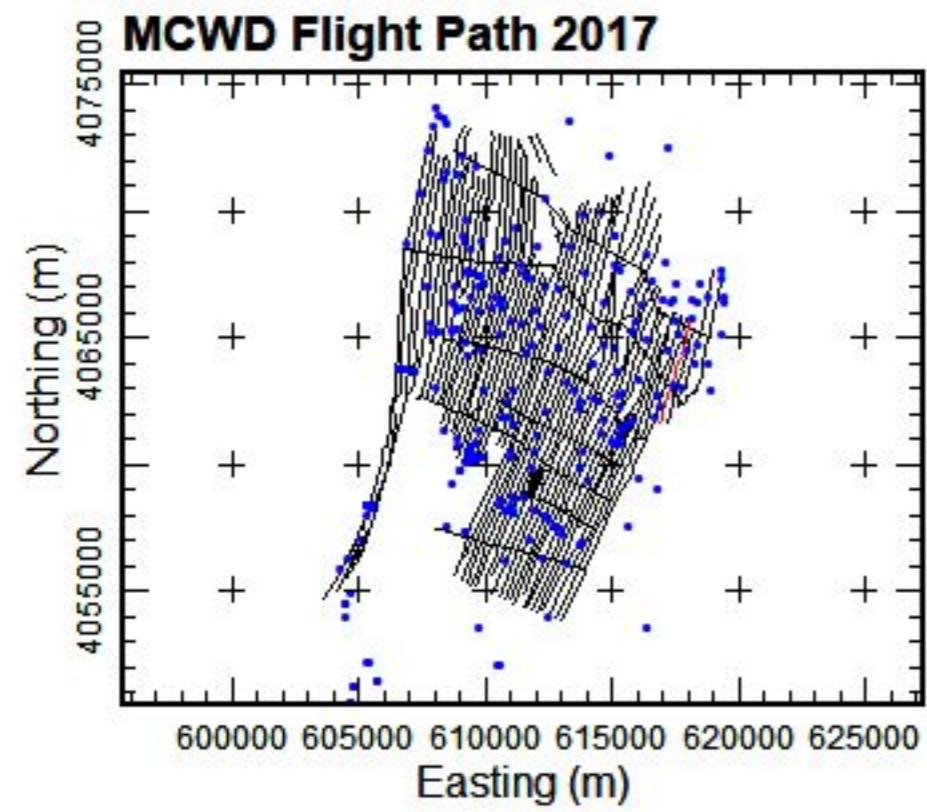
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



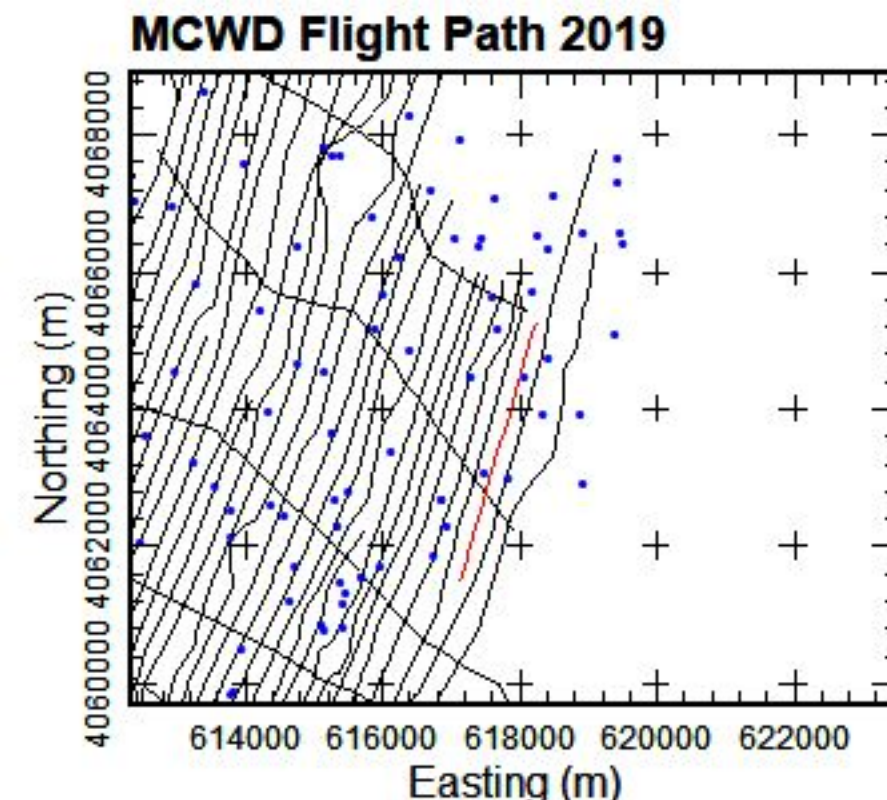
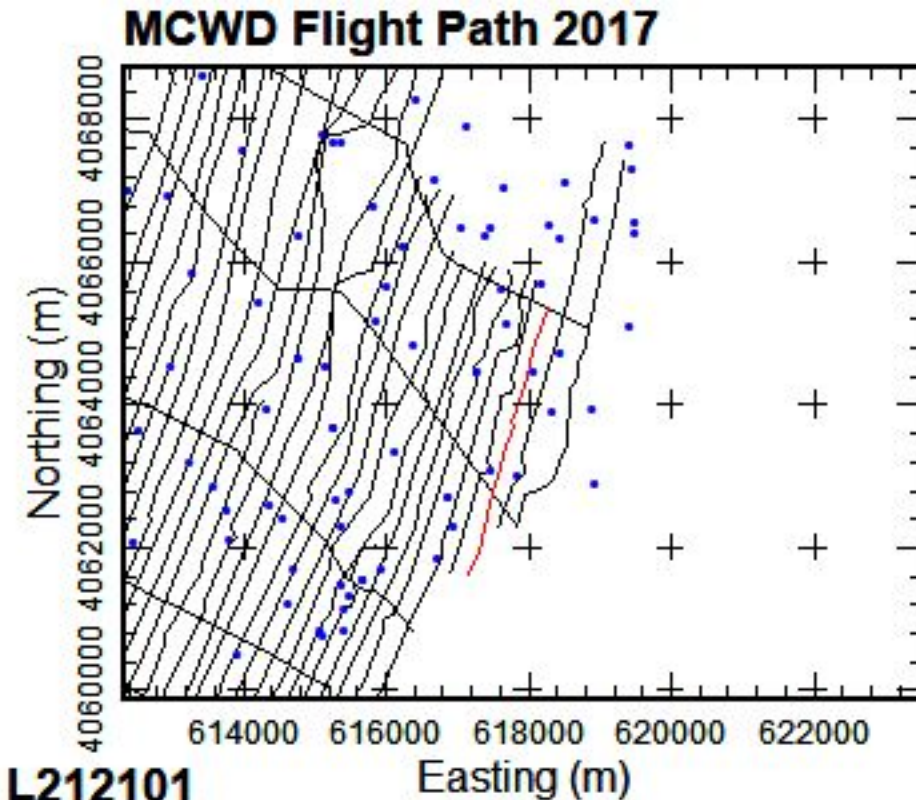
Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

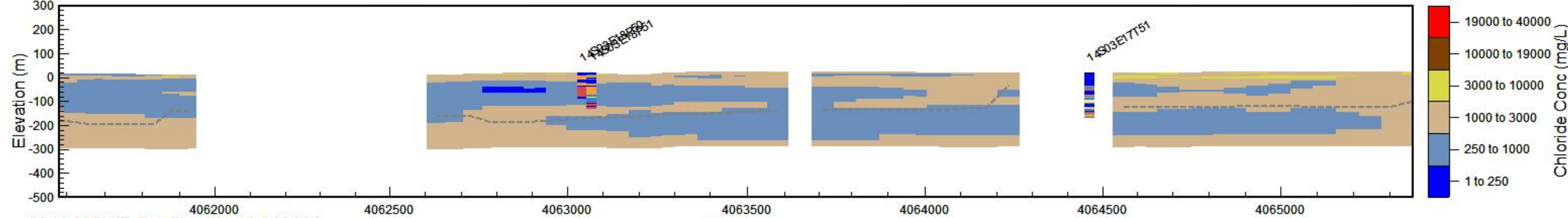


Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

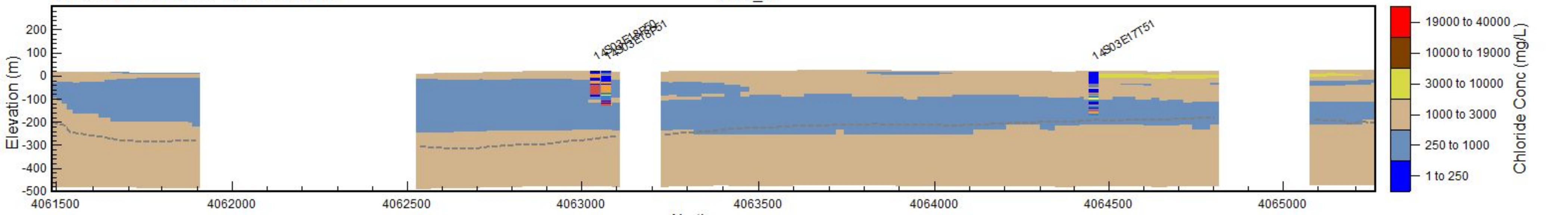


- MCWD Lithology**
- No Sample
 - Igneous/Metamorphics
 - Decomposed Granite
 - Clayey Shale Claystone
 - Chert
 - Gravel/Boulders
 - Sand and Gravel
 - Sand
 - Mixed
 - Clayey sand
 - Clayey Gravel
 - Silty Sand
 - Silt/Loess
 - Silty Clay
 - Sandy Clay
 - Gravelly Clay
 - Clay
 - Roadfill and/or Topsoil

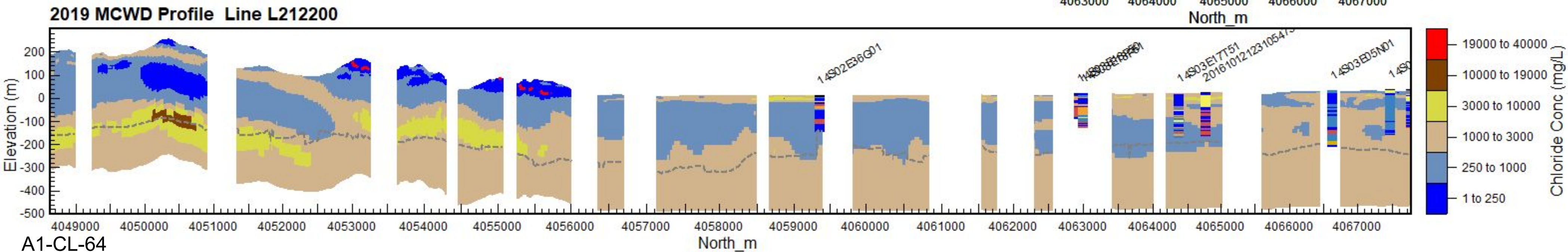
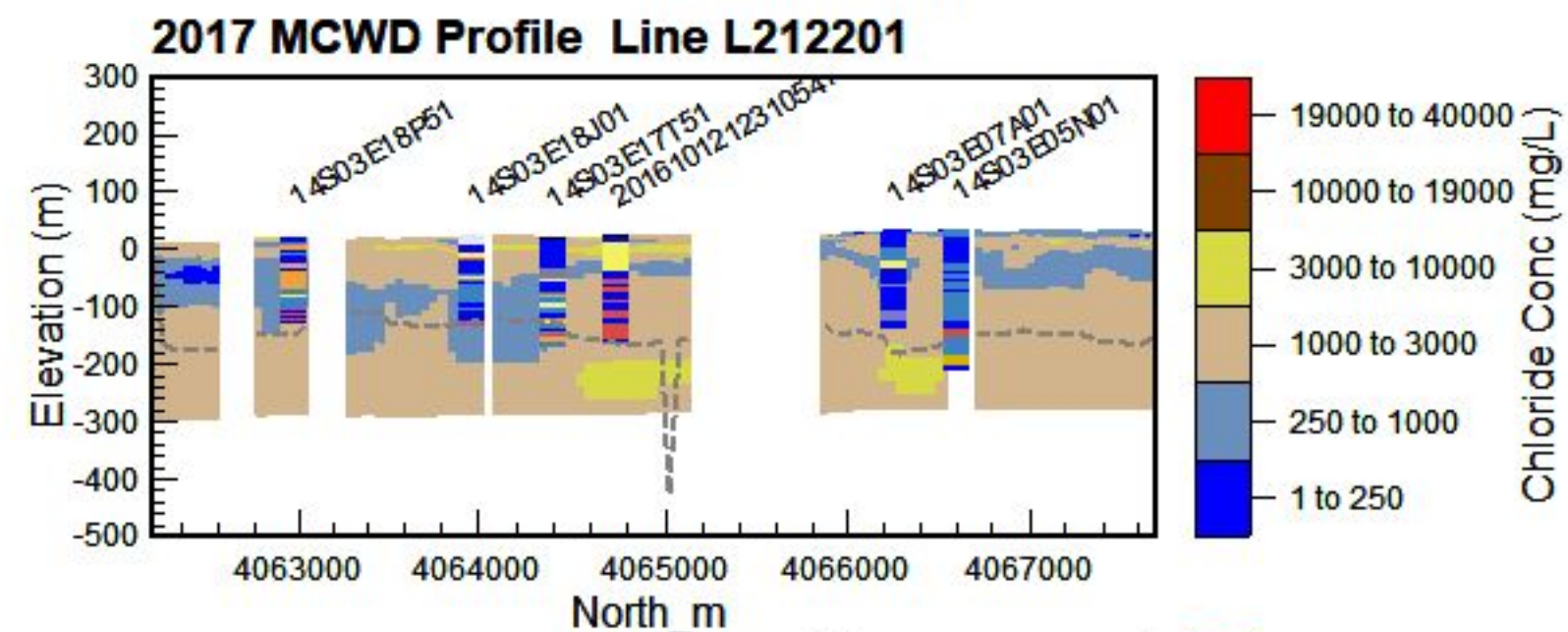
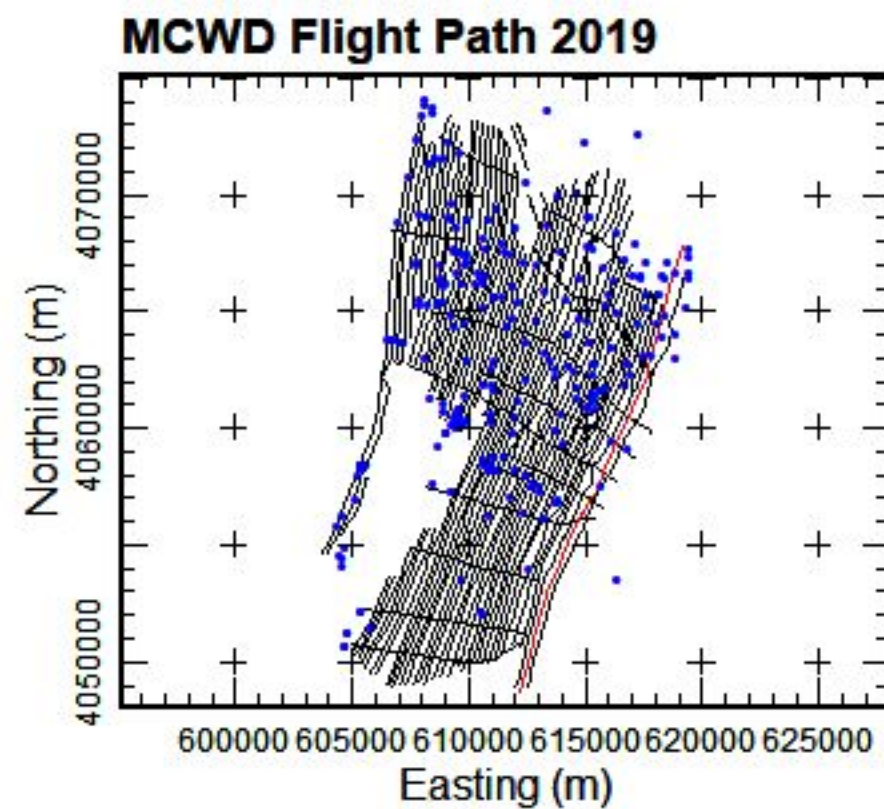
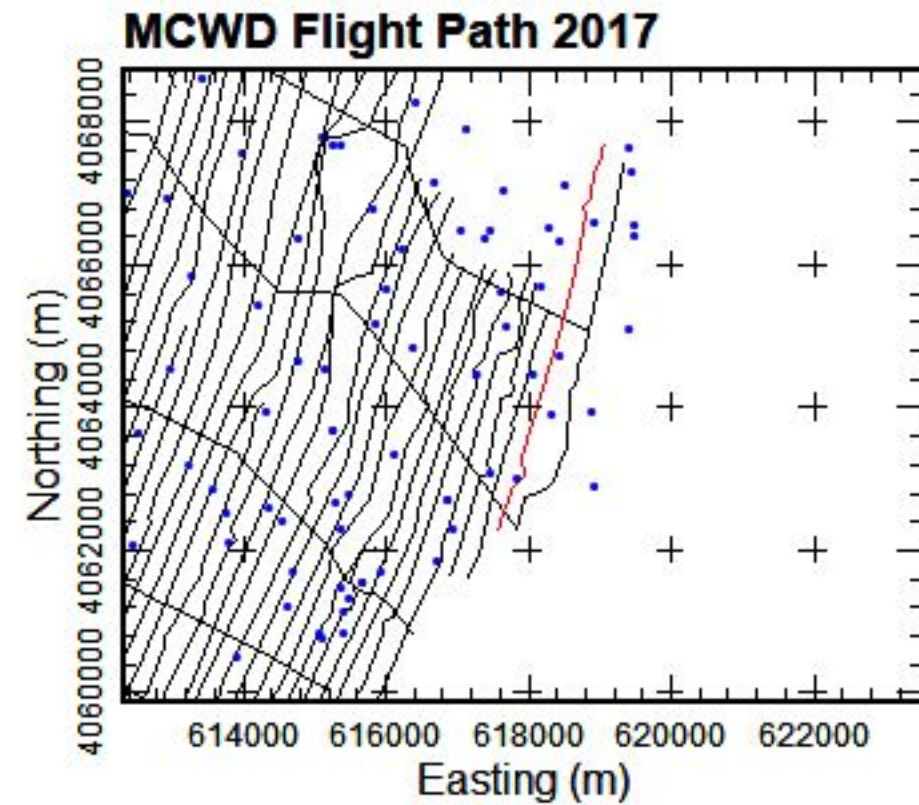
2017 MCWD Profile Line L212101



2019 MCWD Profile Line L212101



Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs



Appendix 1: 2D Profiles – Comparison of MCWD 2017 and 2019 AEM-Derived Chloride Concentrations with Lithological Logs

