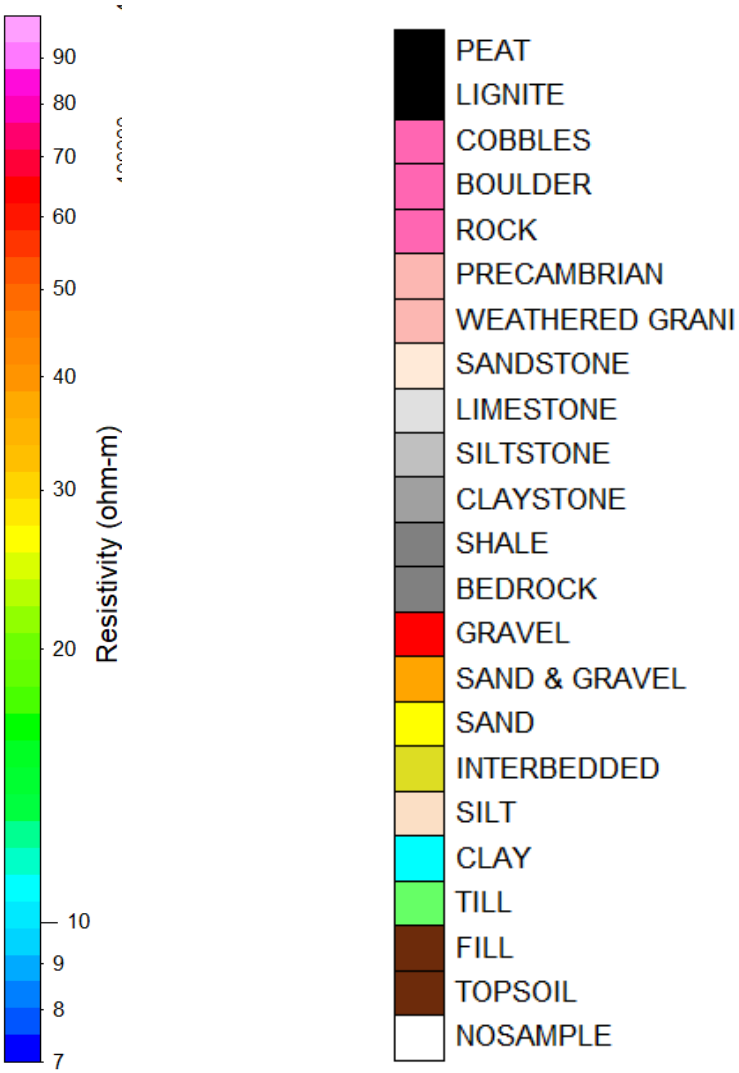
Area 1 - Appendix 1A:

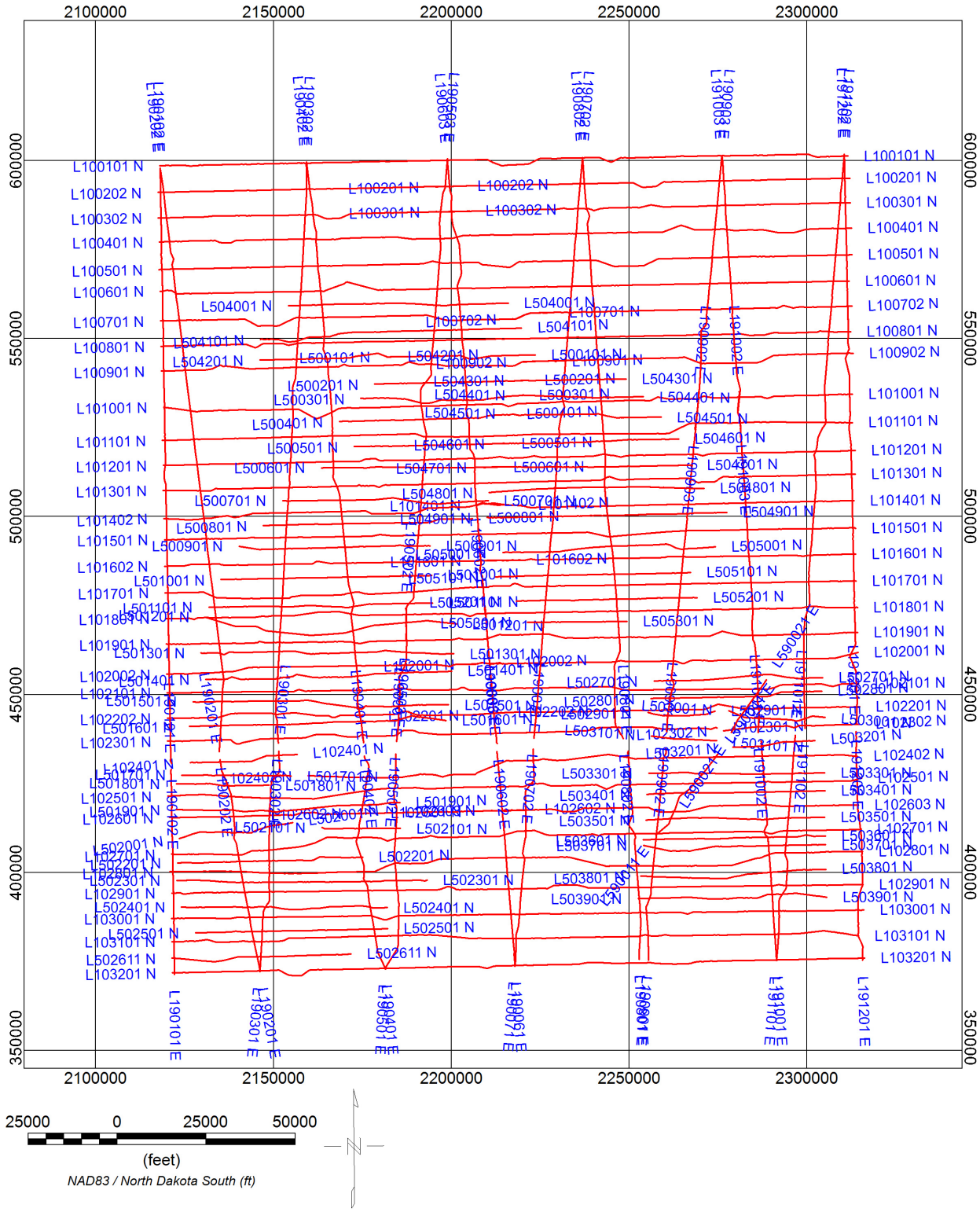
2D Profiles – ND 2024 Area 1 Inverted AEM Resistivity – Boreholes Within 500 ft

Pages: Area1 -A1A-3 –Area 1 -A1A-130

This document contains 2D Profiles of the 2024 North Dakota Area 1 AEM survey showing boreholes when they are within 500 ft.

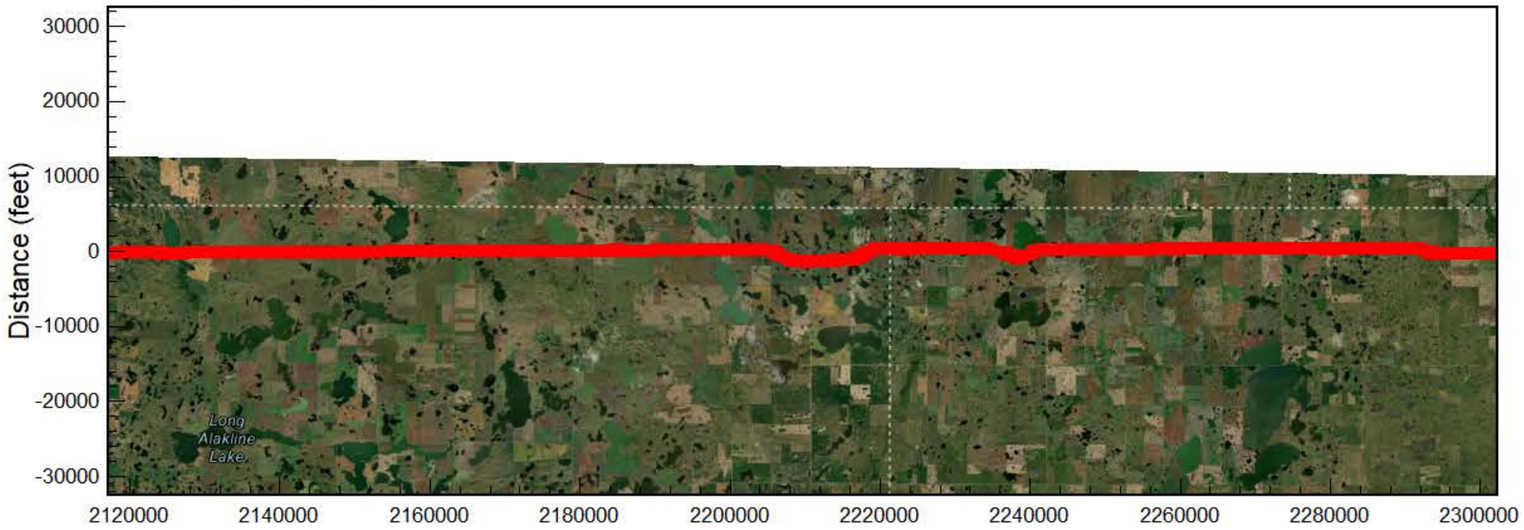
Each page has a flight line map at the top right and a flight line location view above an inverted resistivity profile. The lithology legend applies to the boreholes.



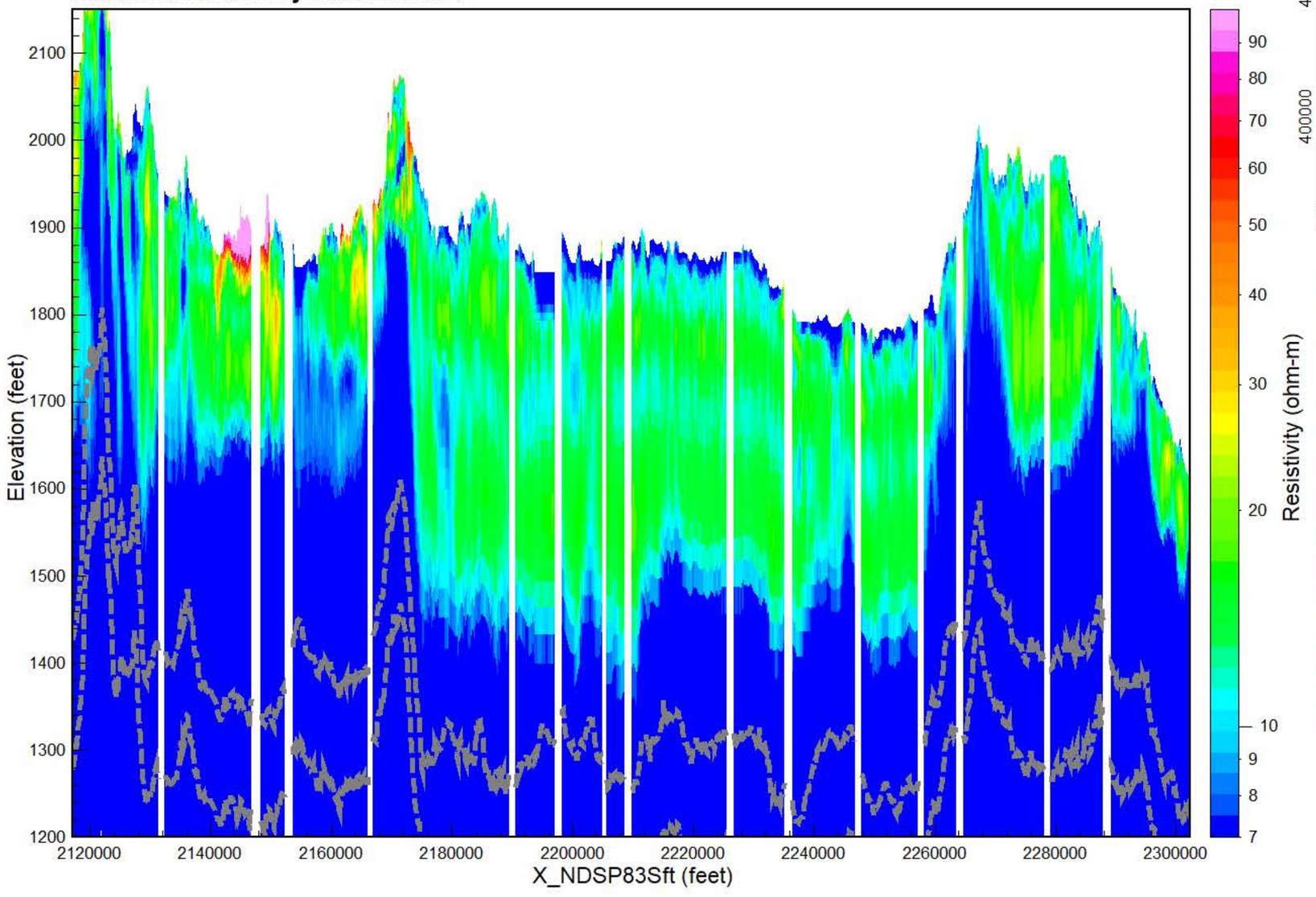


ND 2024 Area 1 Labeled Flight Lines

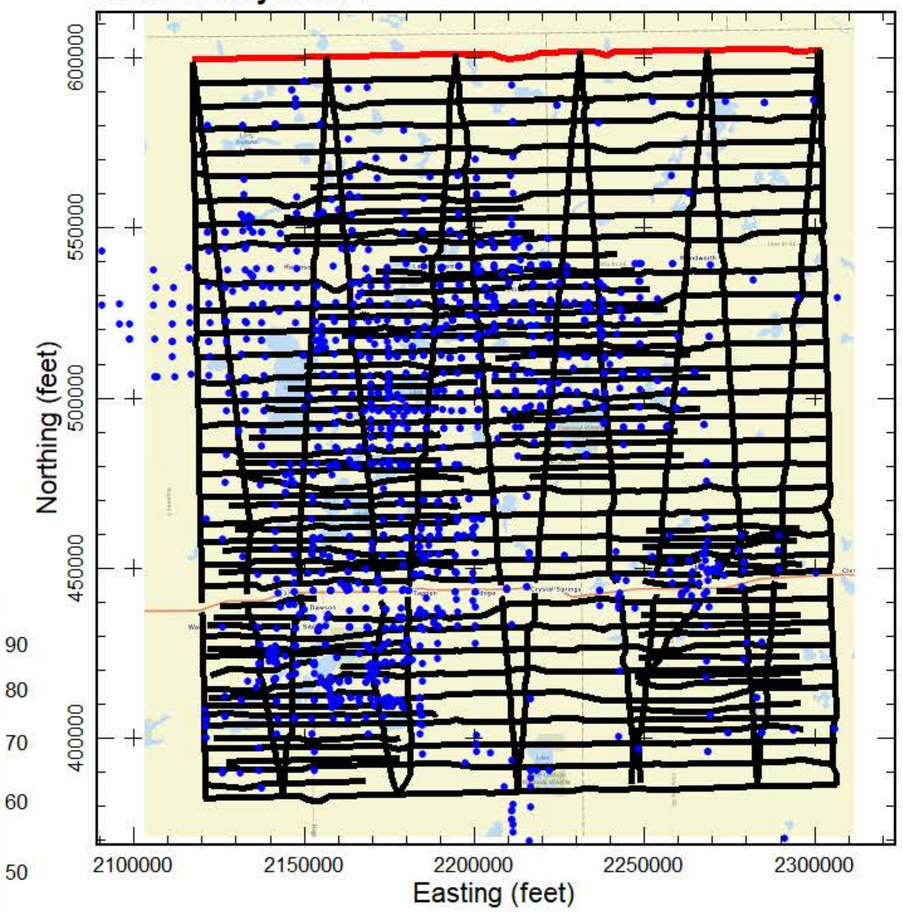
Flight Location Line L100101



Final SCI Resistivity Line L100101



AEM Survey Area 1

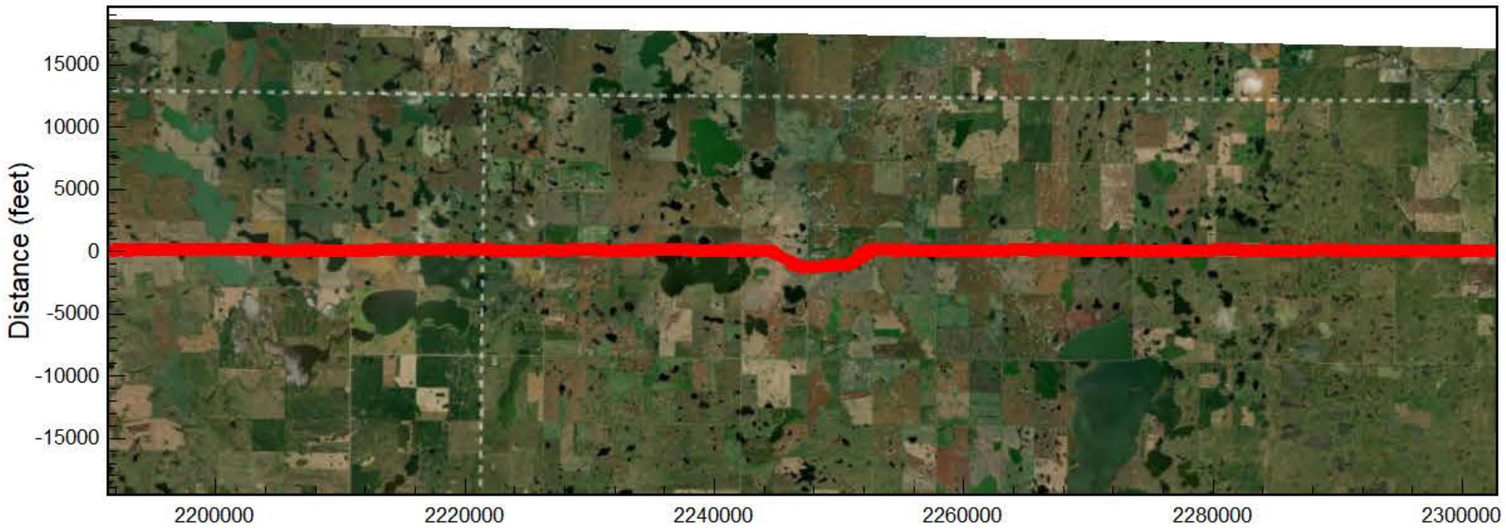


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

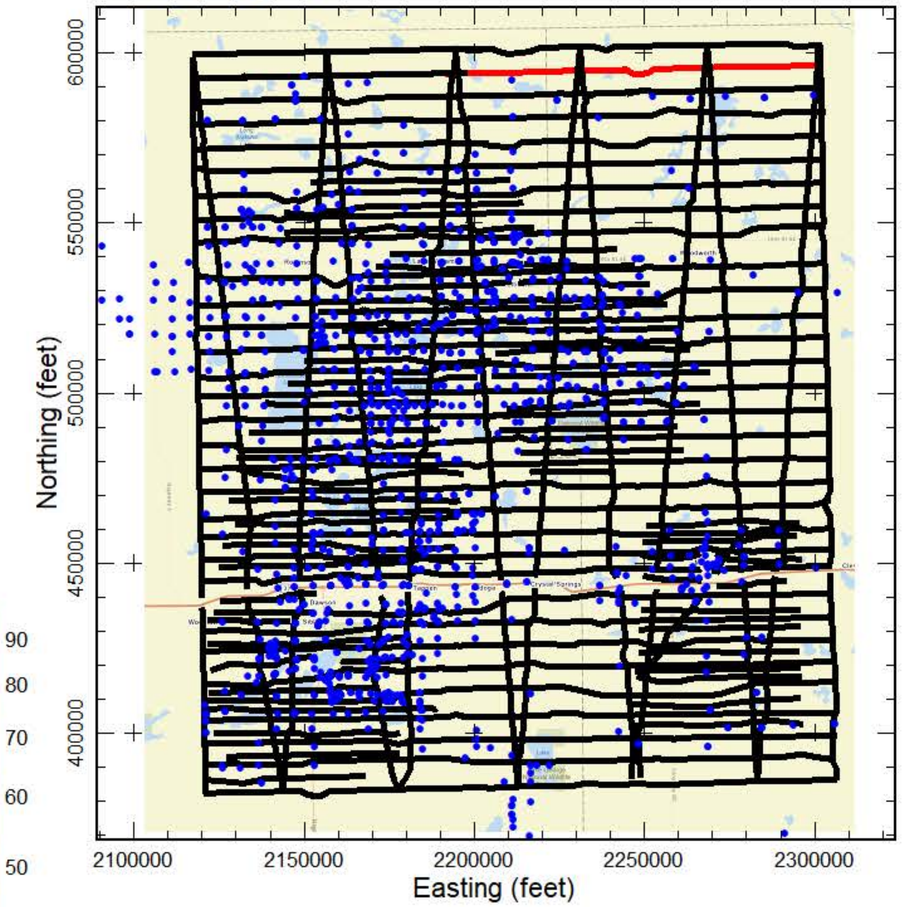
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

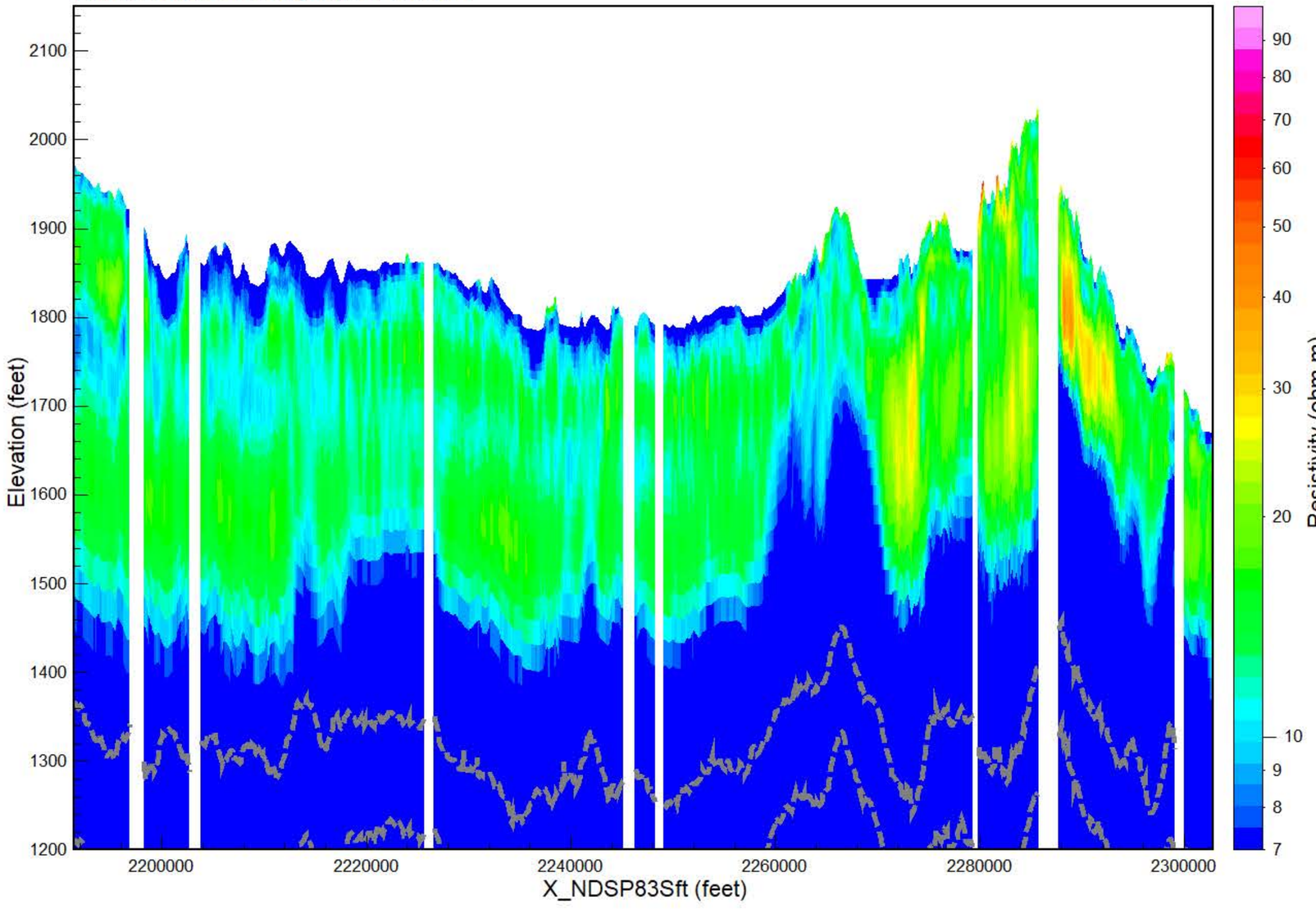
Flight Location Line L100201



AEM Survey Area 1



Final SCI Resistivity Line L100201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

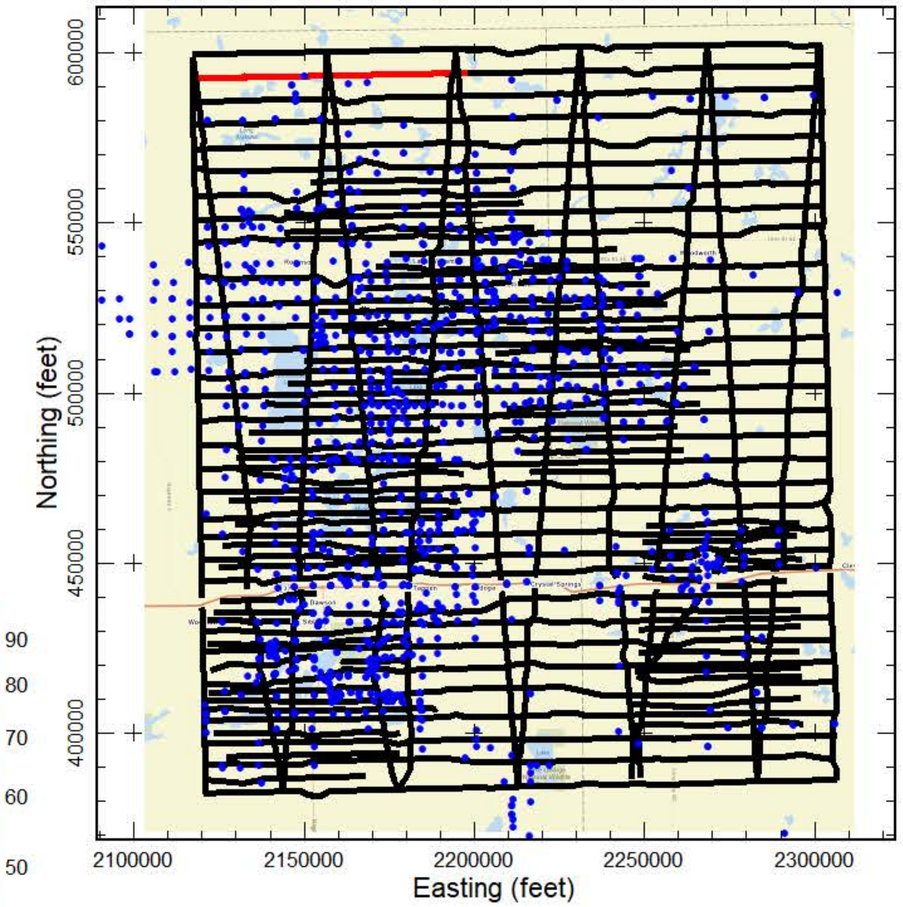
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

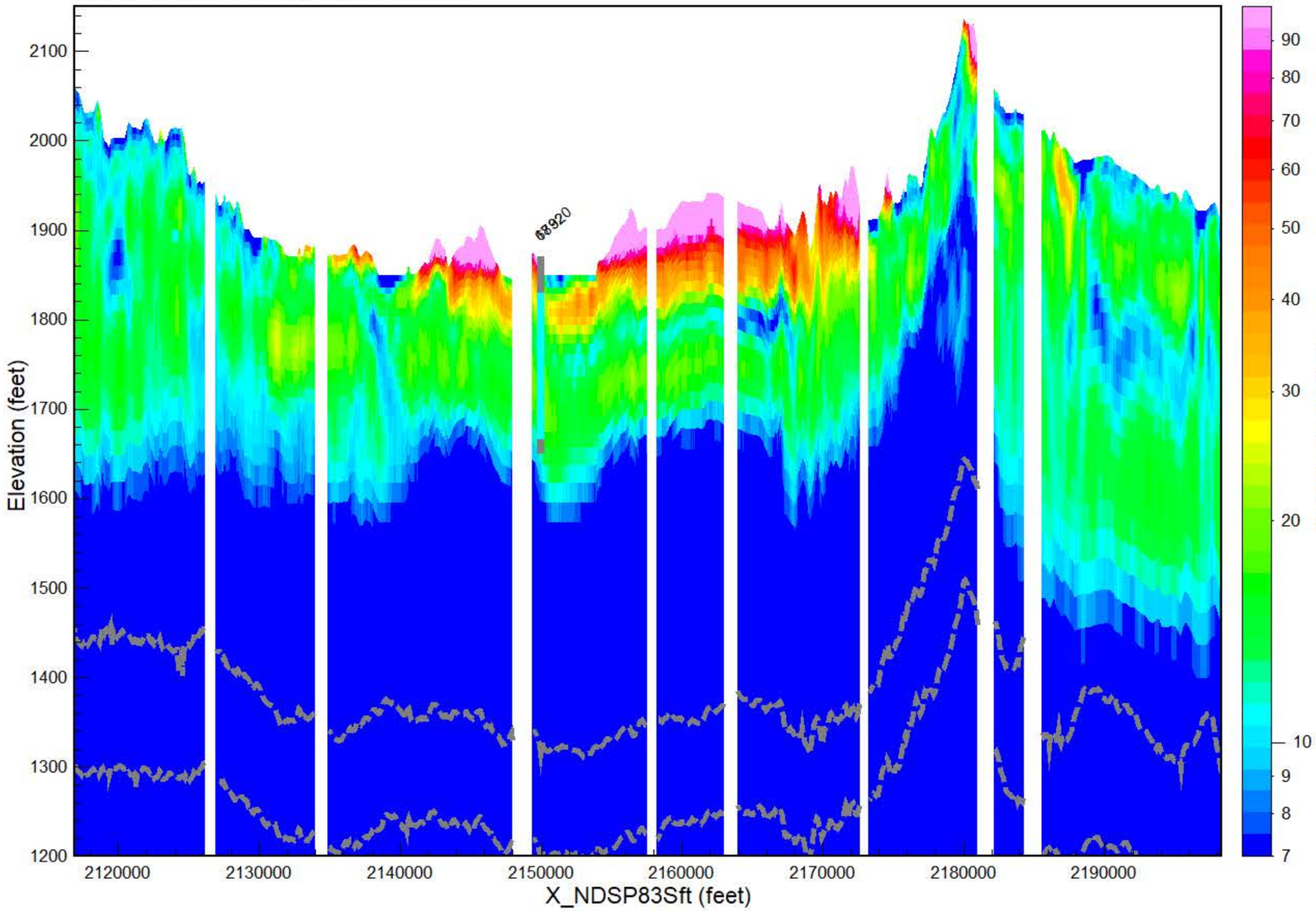
Flight Location Line L100202



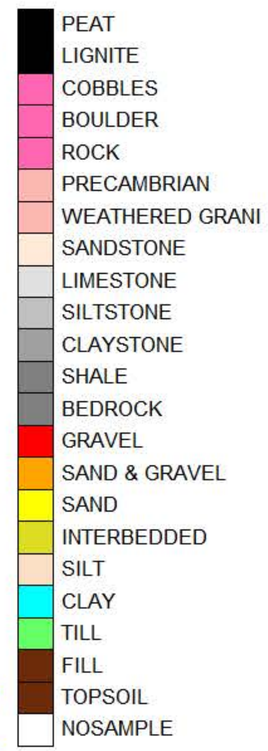
AEM Survey Area 1



Final SCI Resistivity Line L100202

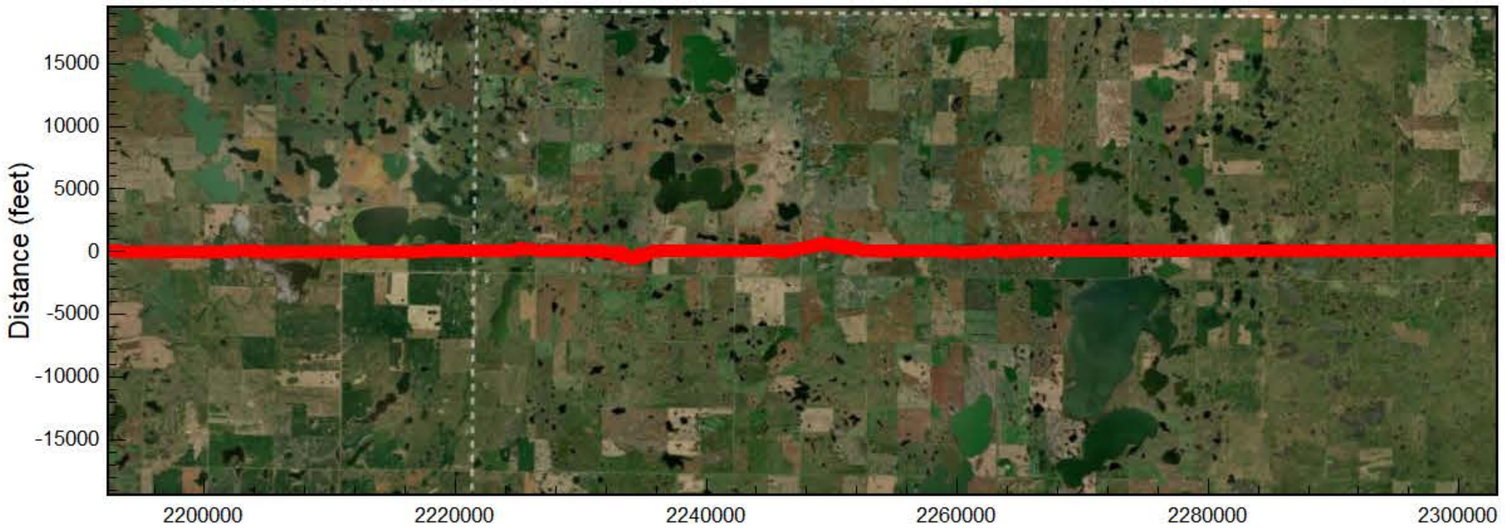


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

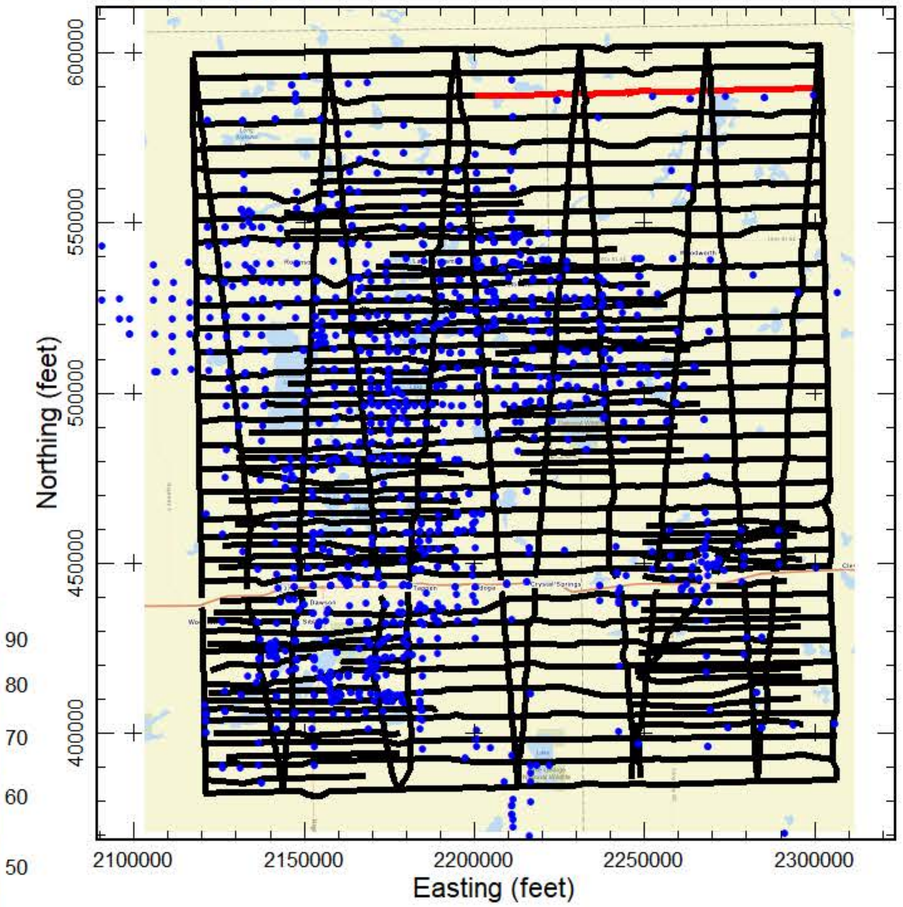


AGF
Aqua Geo Frameworks

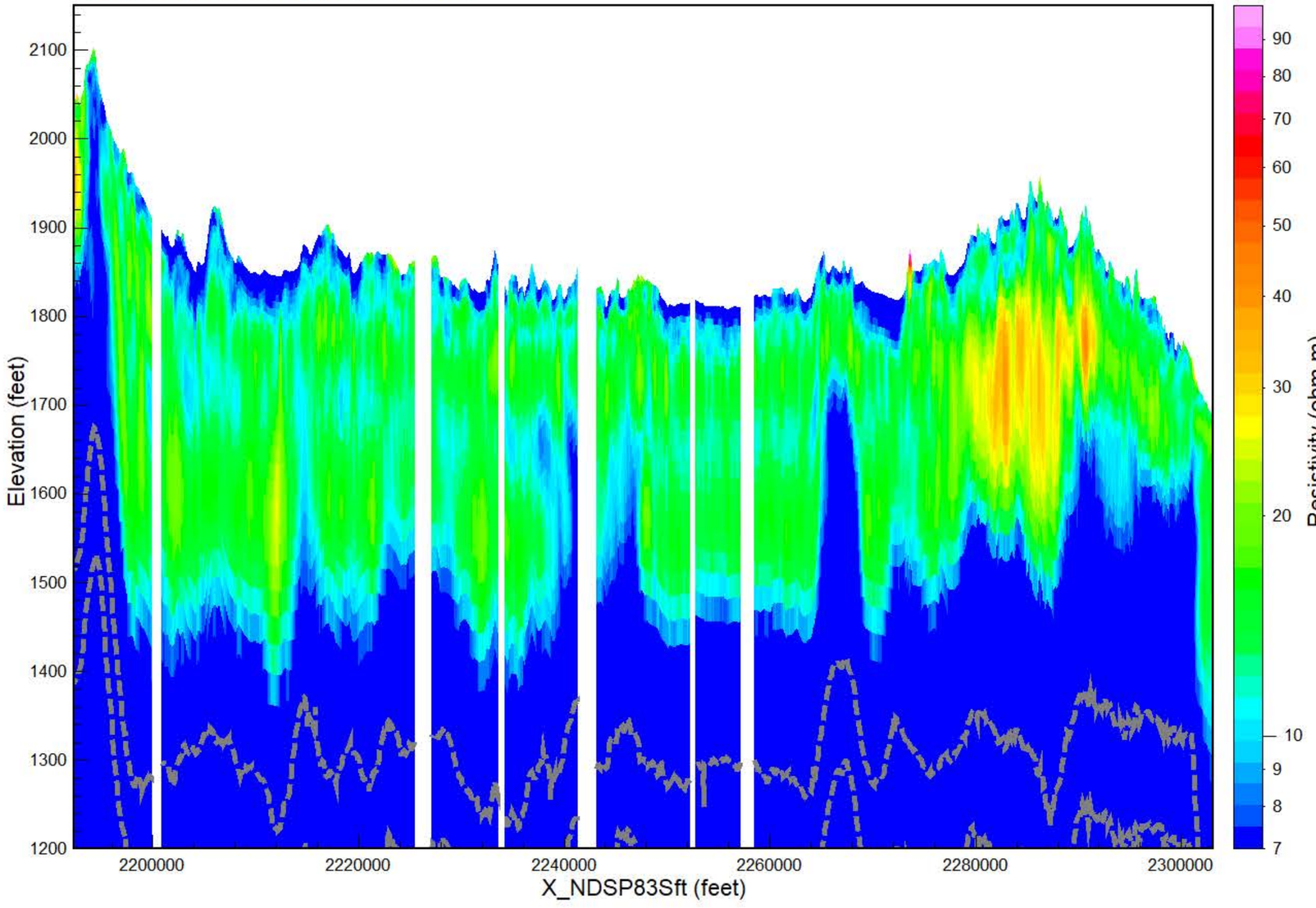
Flight Location Line L100301



AEM Survey Area 1



Final SCI Resistivity Line L100301

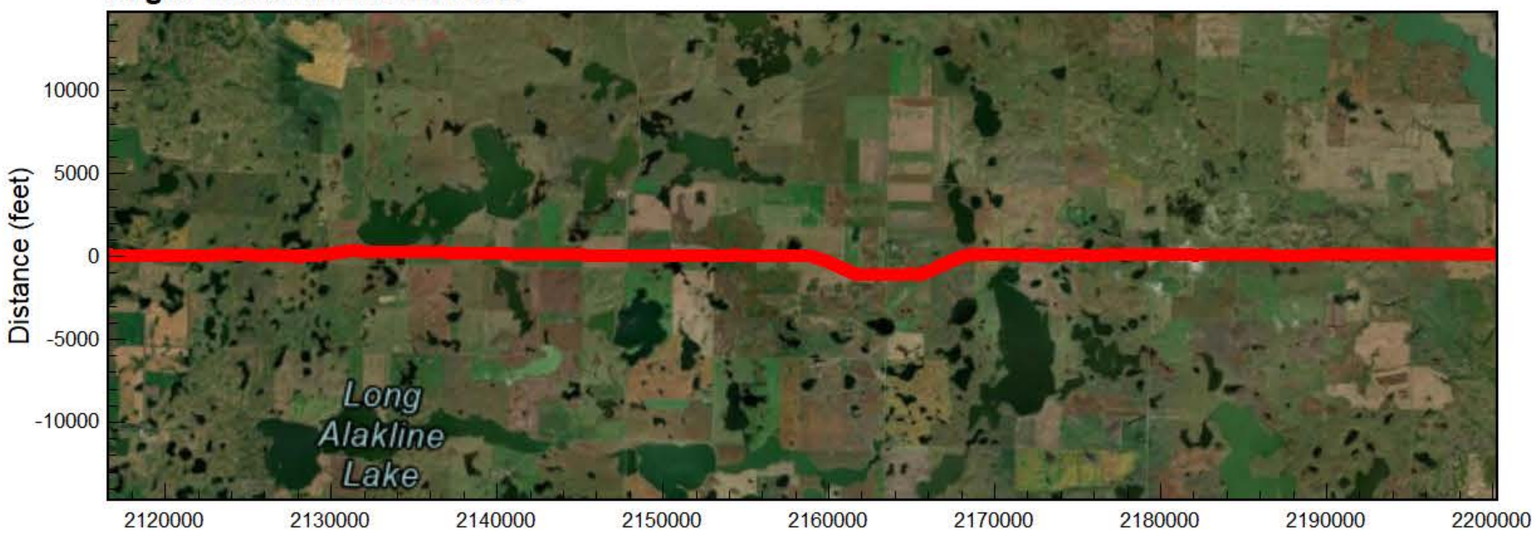


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

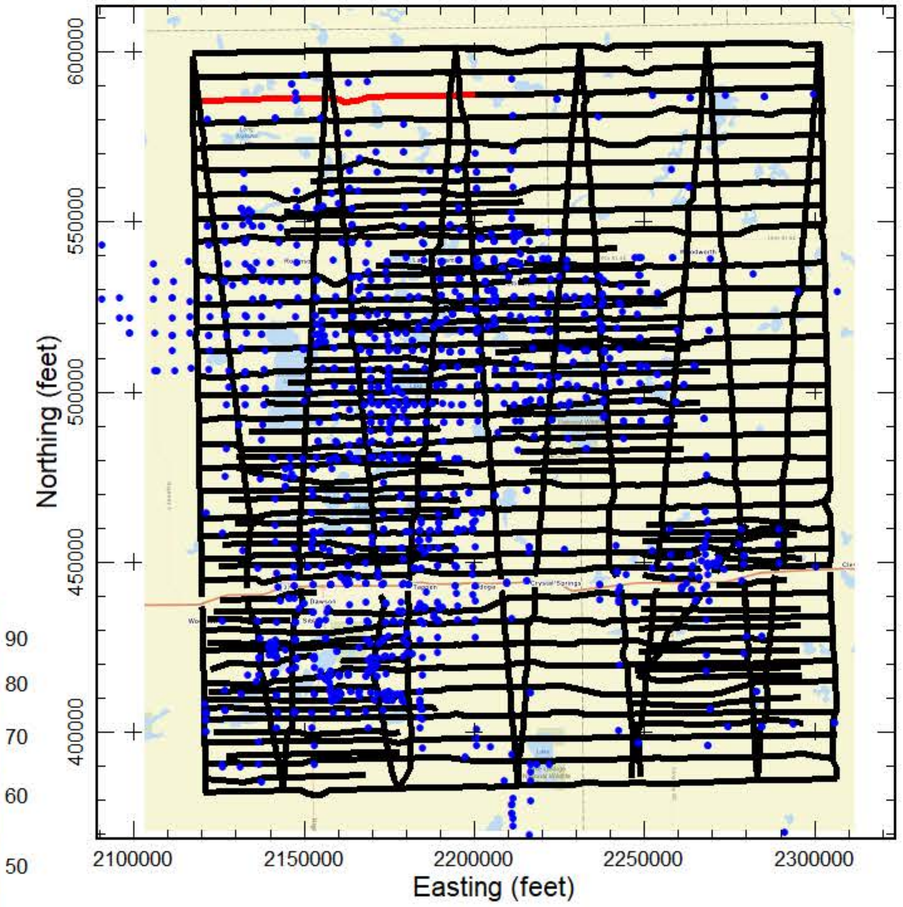
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

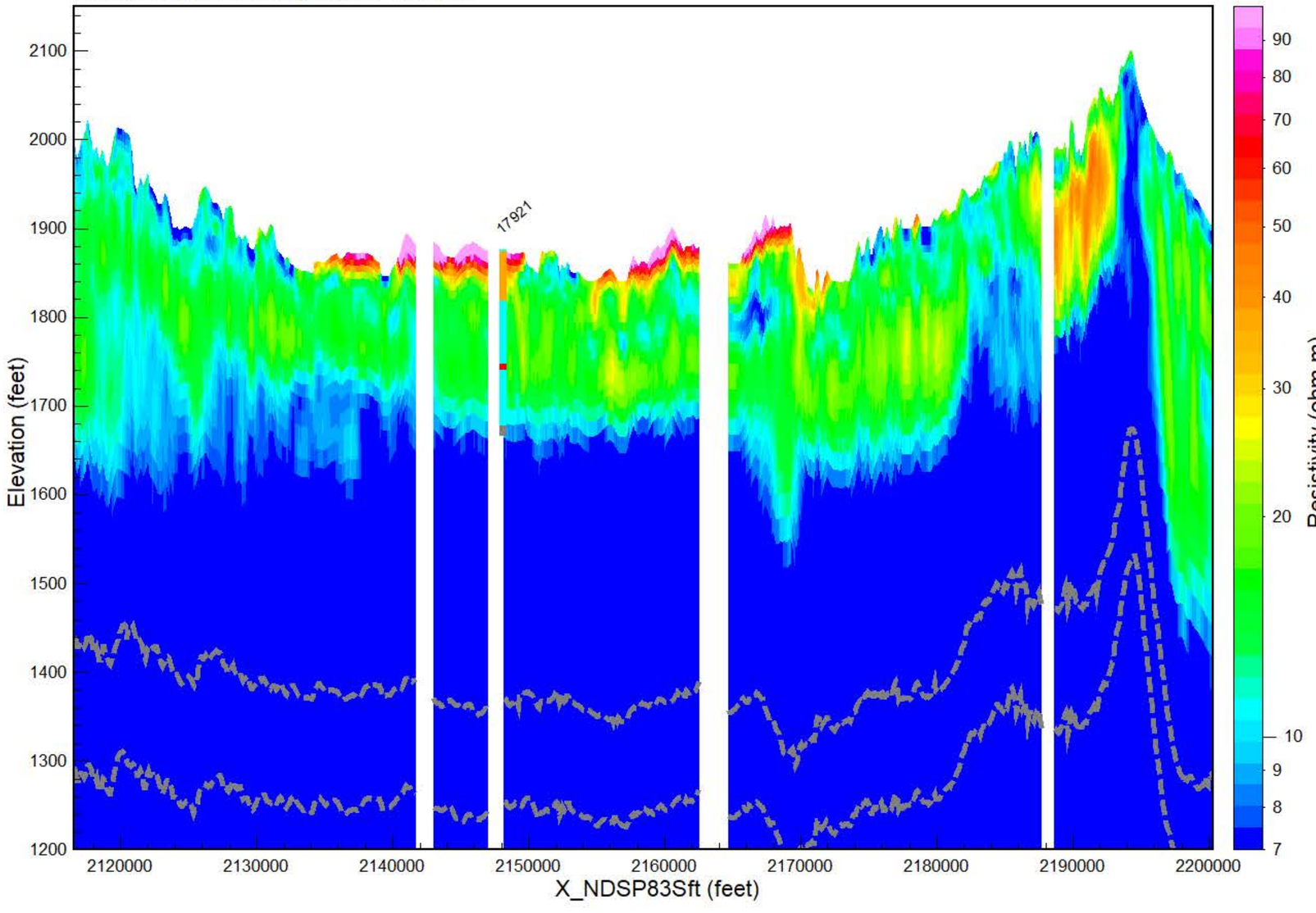
Flight Location Line L100302



AEM Survey Area 1



Final SCI Resistivity Line L100302

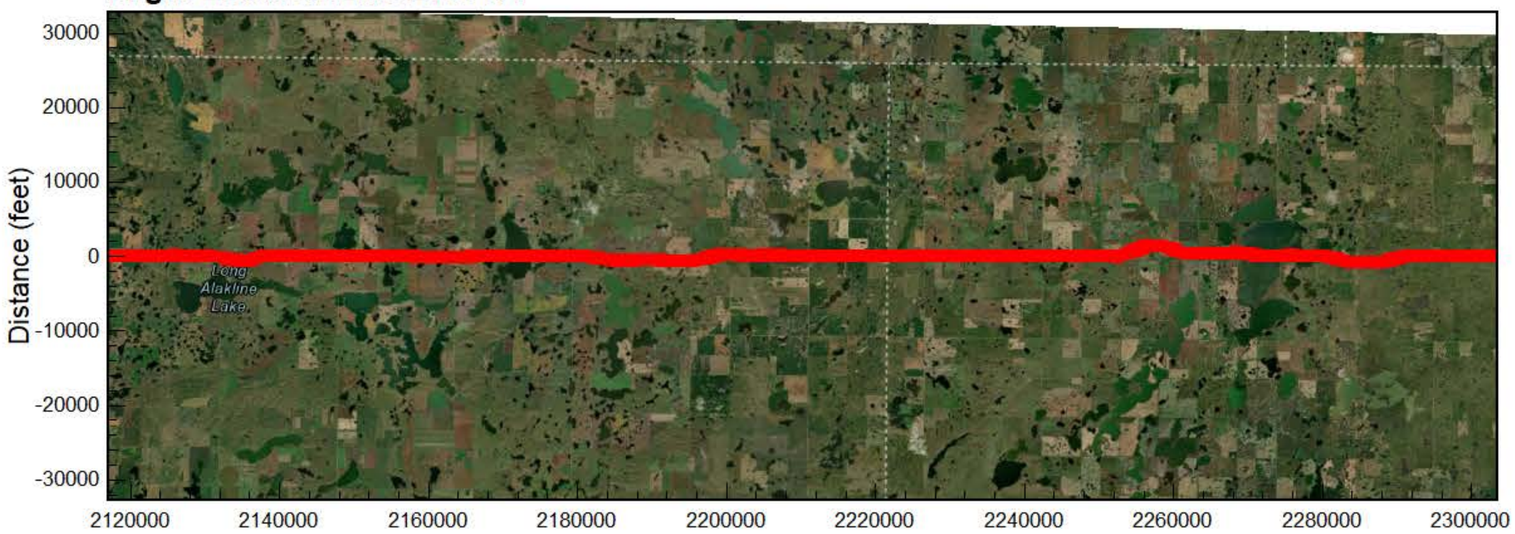


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

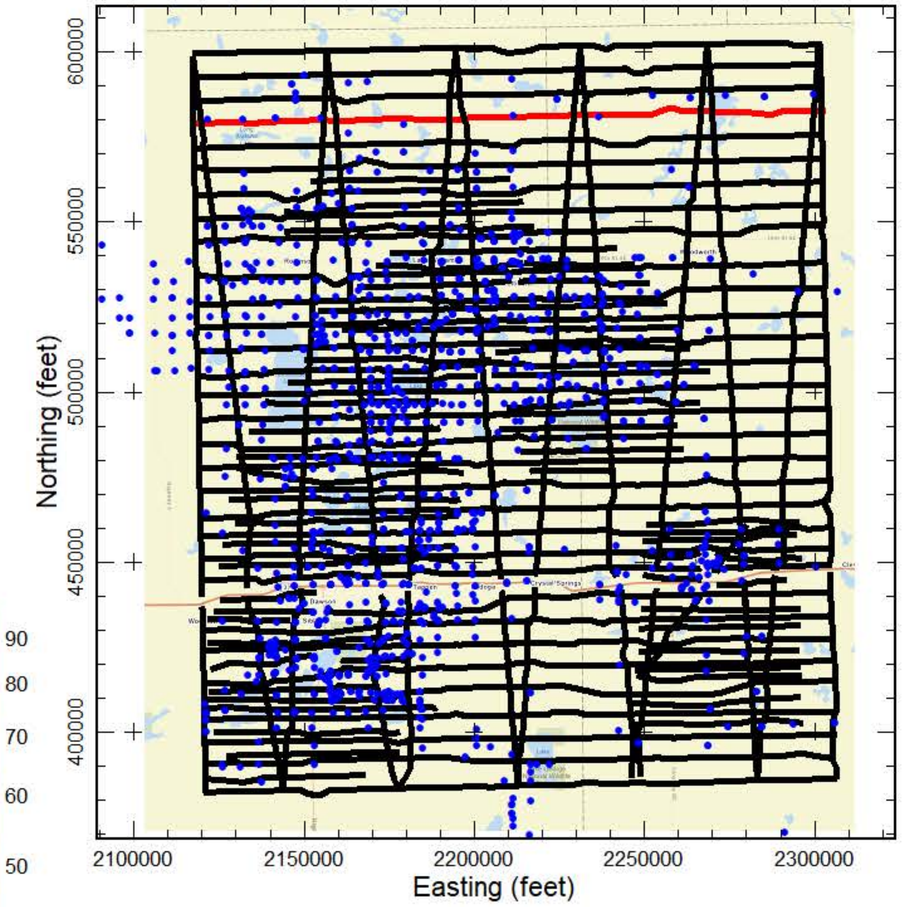
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

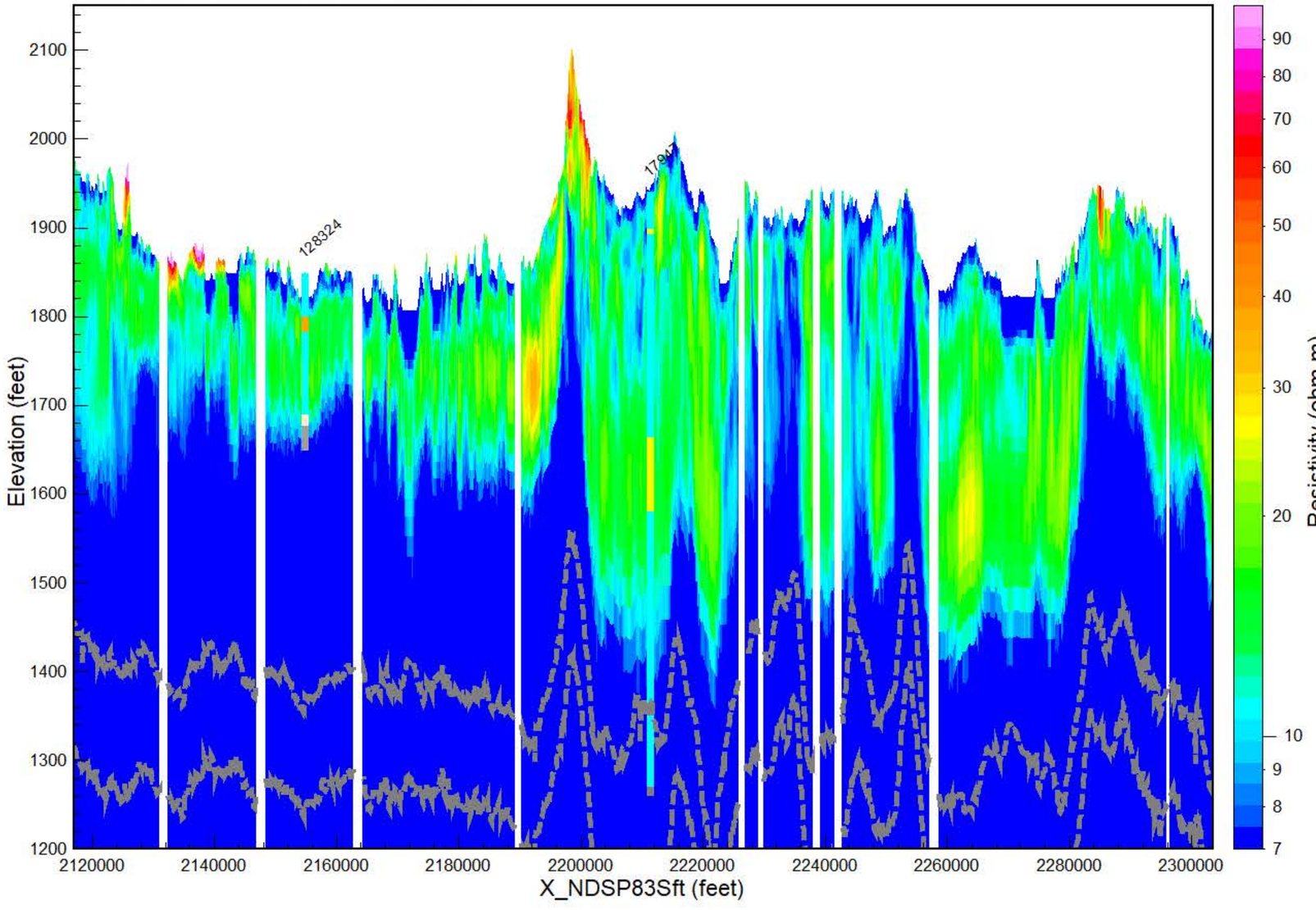
Flight Location Line L100401



AEM Survey Area 1



Final SCI Resistivity Line L100401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

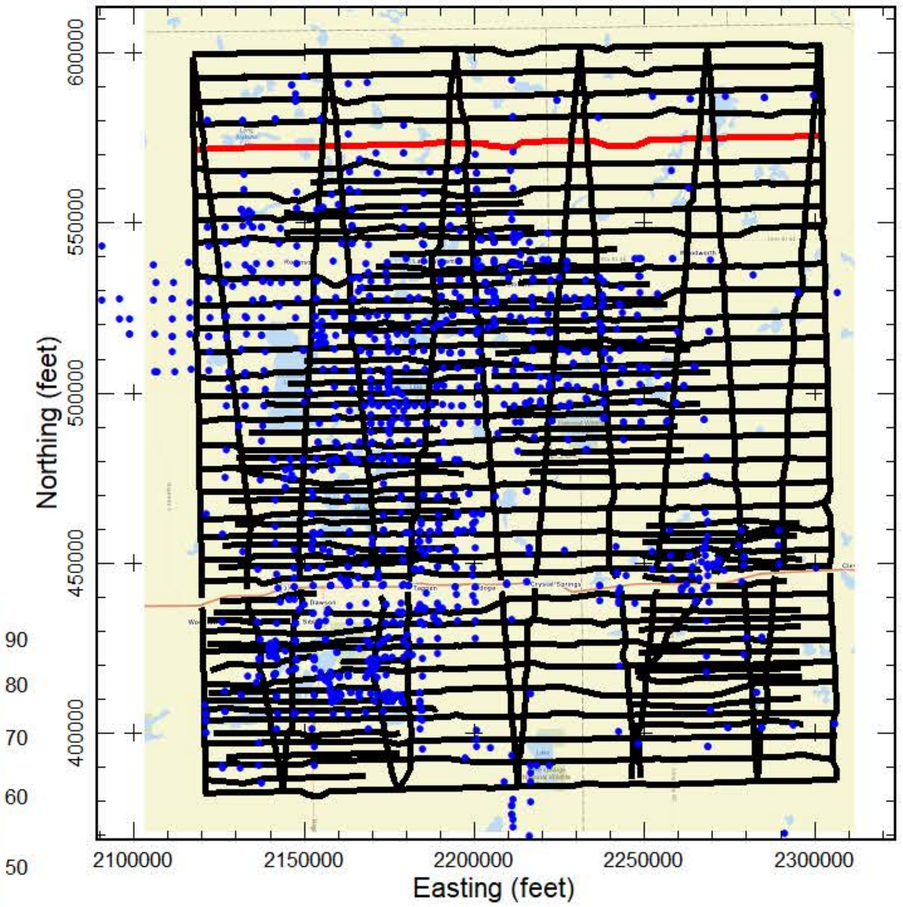
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

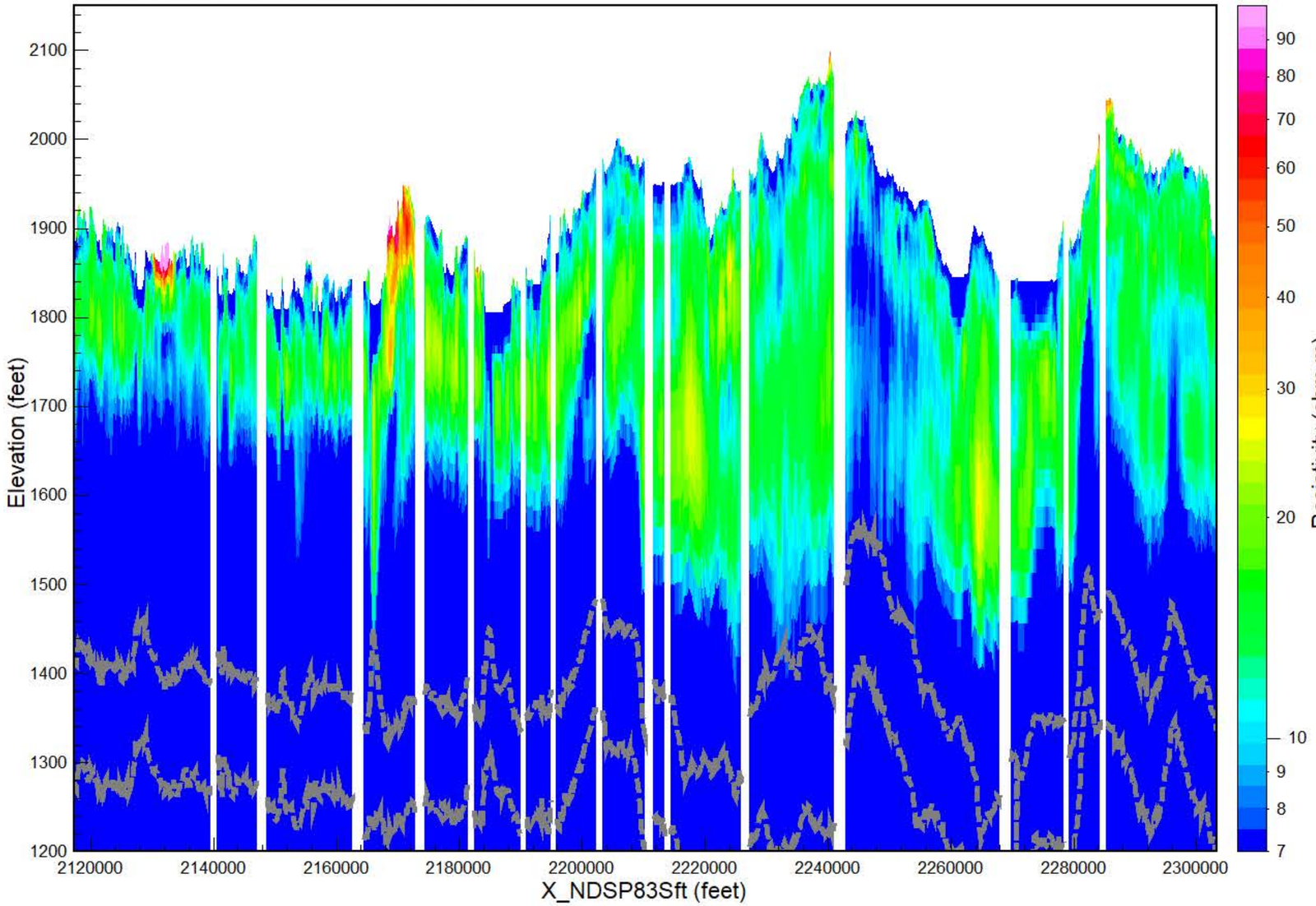
Flight Location Line L100501



AEM Survey Area 1



Final SCI Resistivity Line L100501

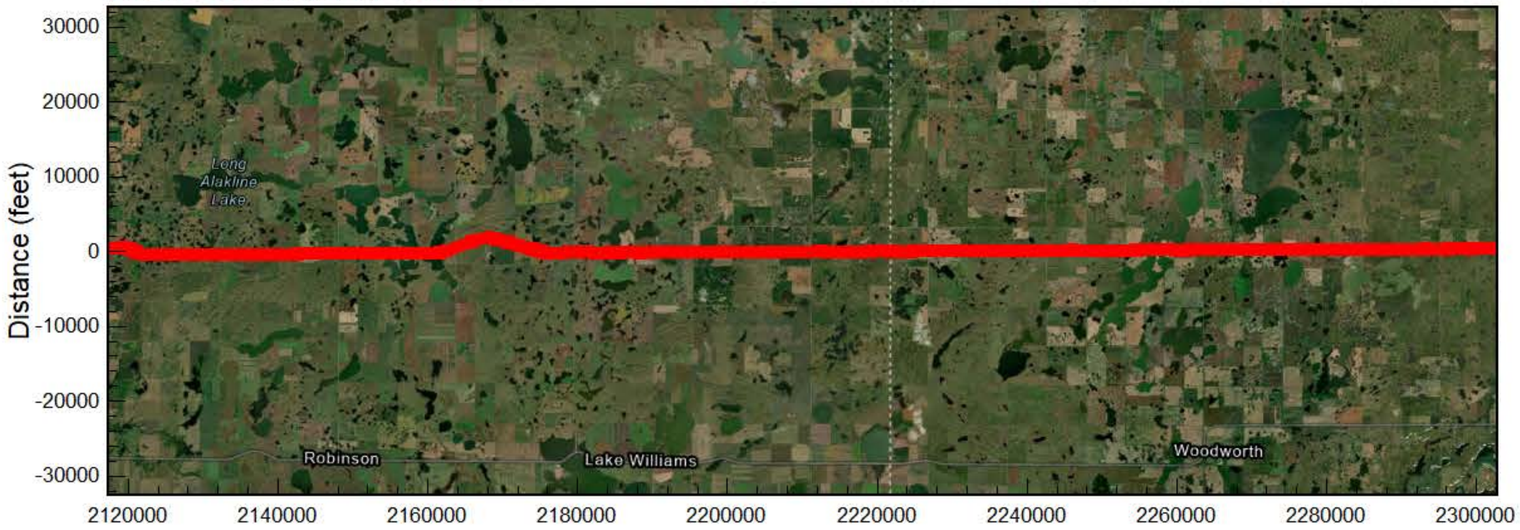


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

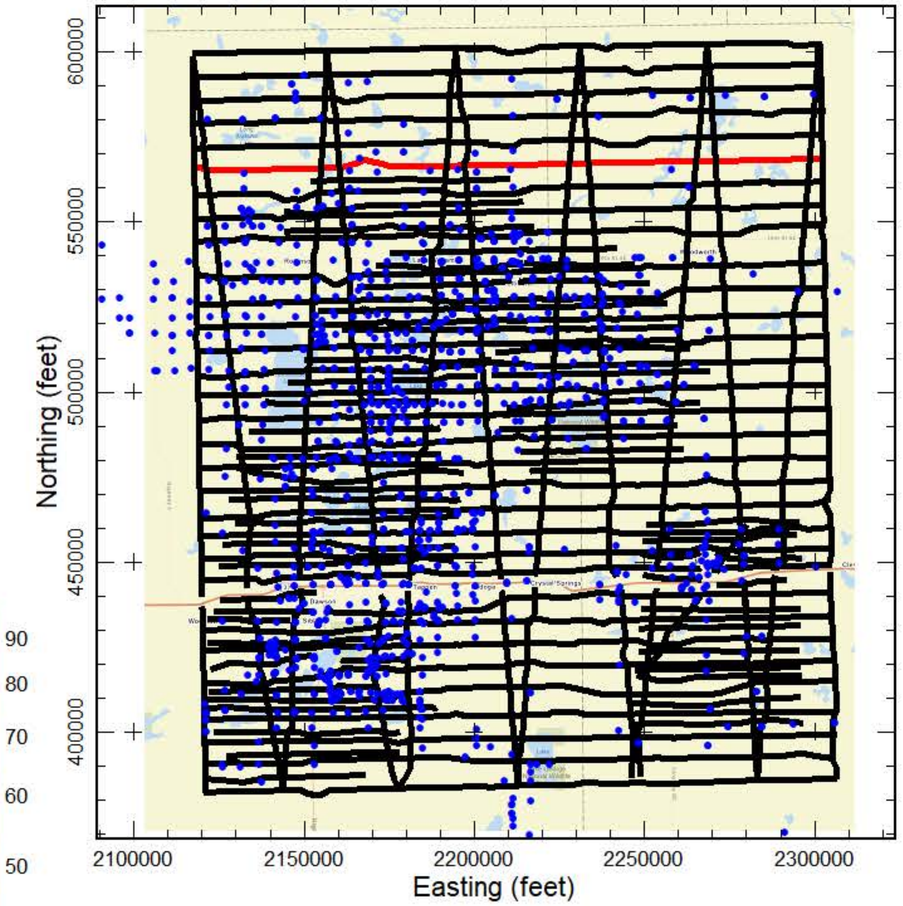
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

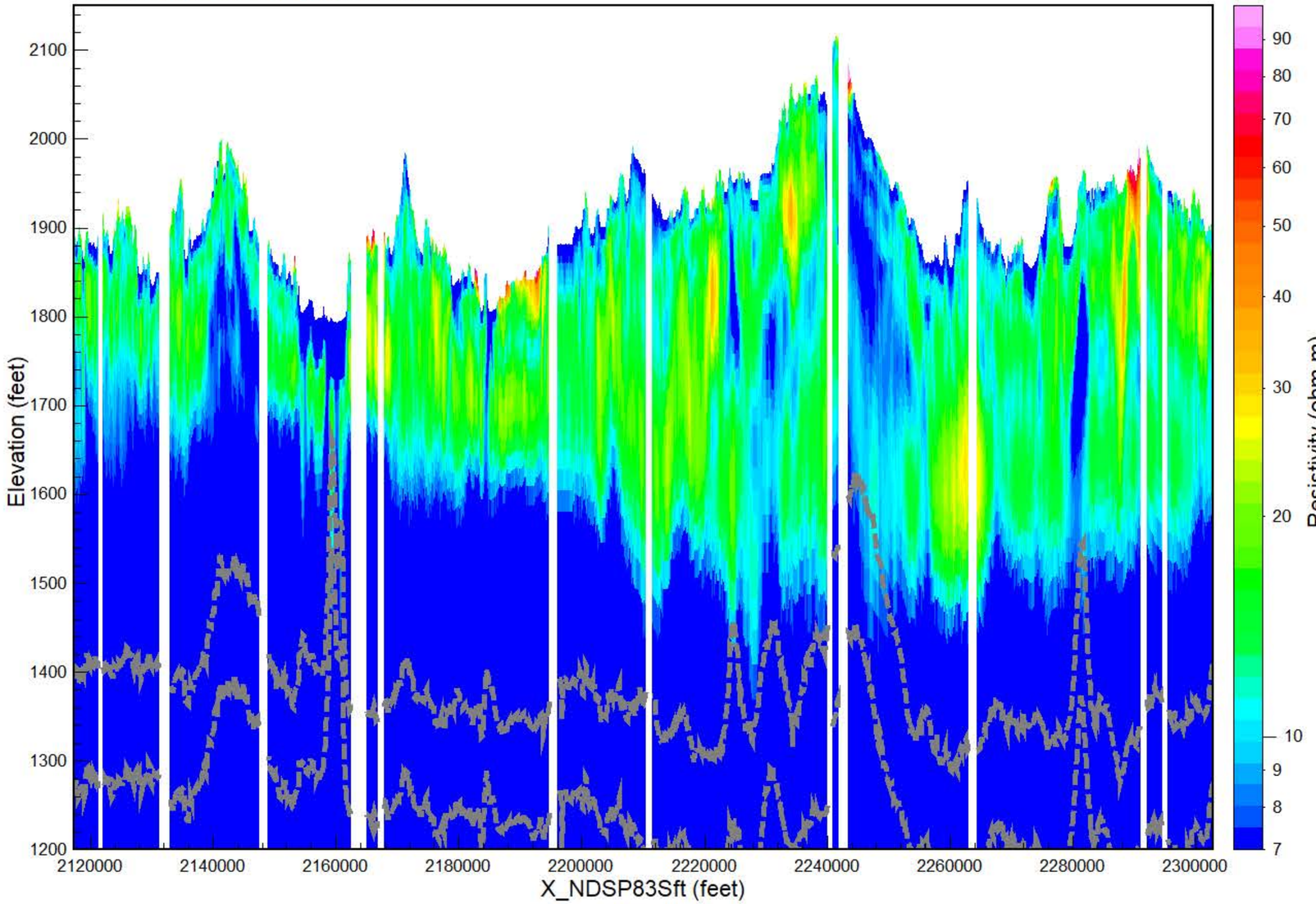
Flight Location Line L100601



AEM Survey Area 1



Final SCI Resistivity Line L100601

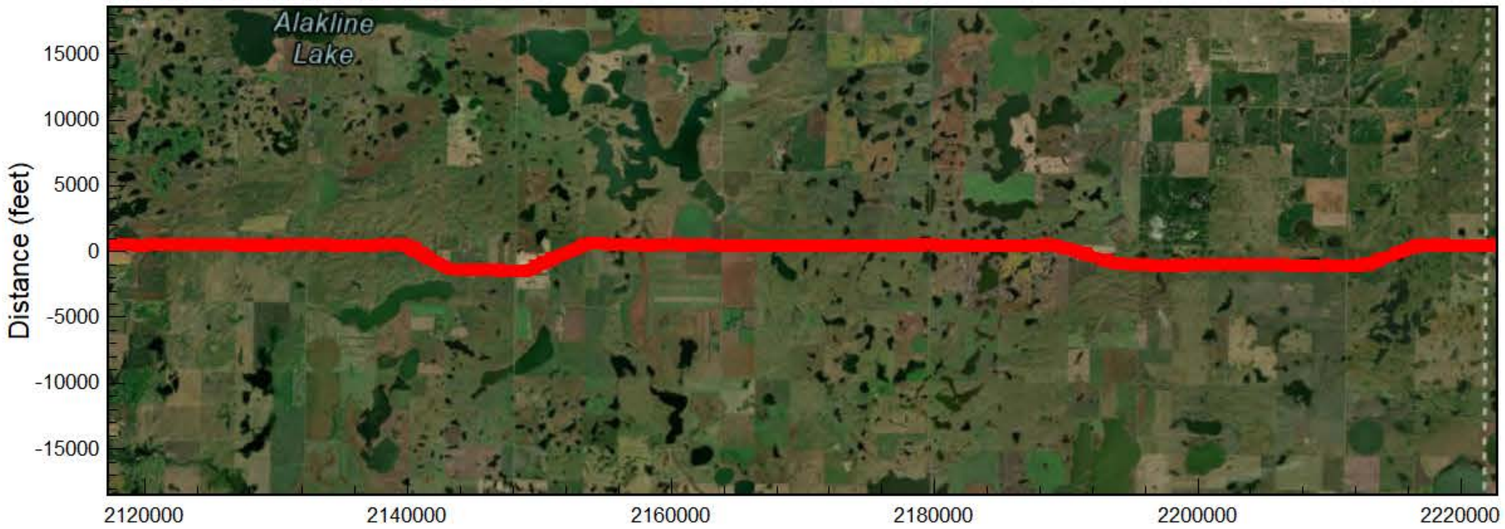


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

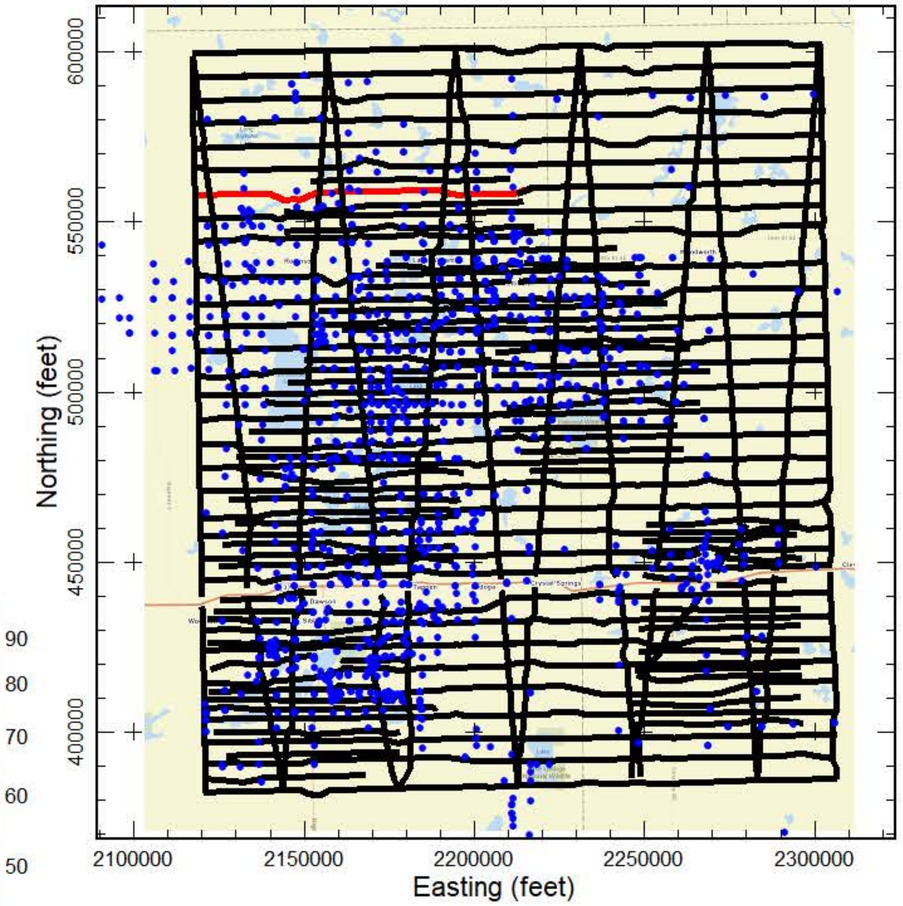
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

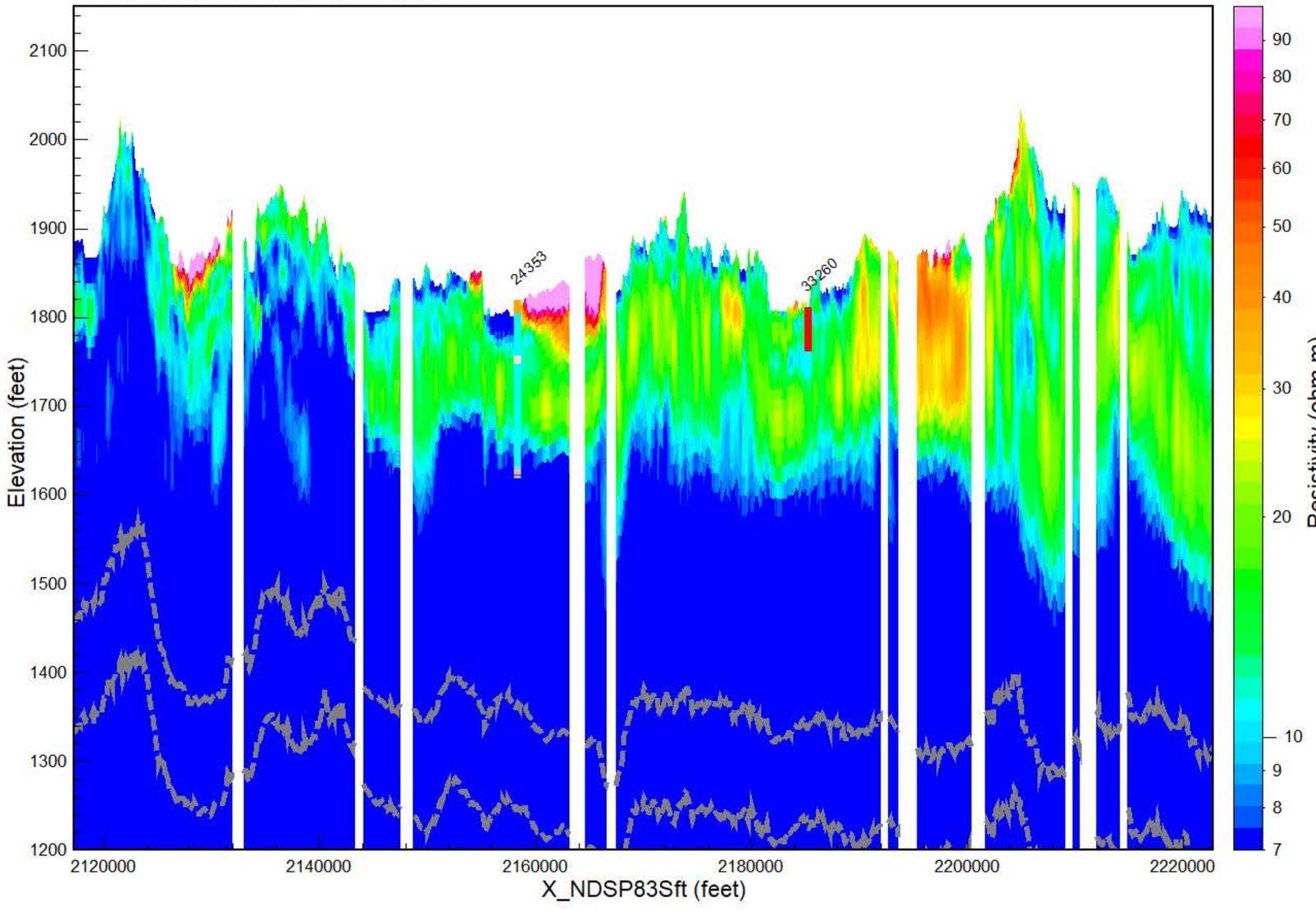
Flight Location Line L100701



AEM Survey Area 1



Final SCI Resistivity Line L100701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

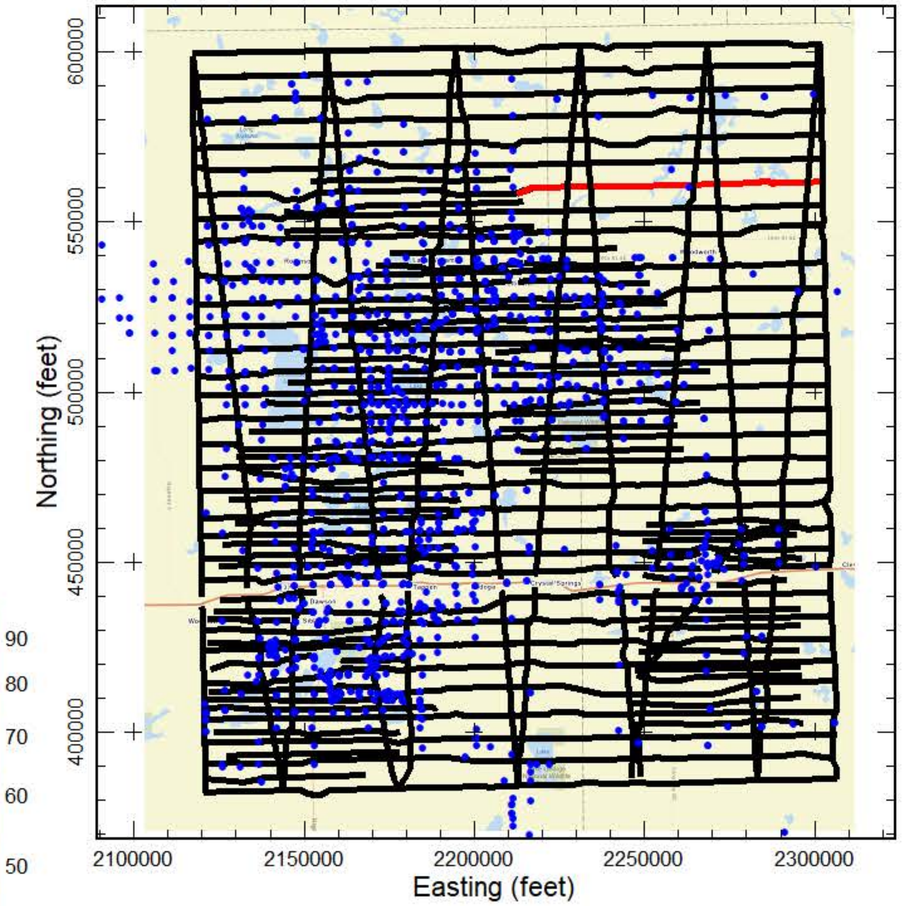
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

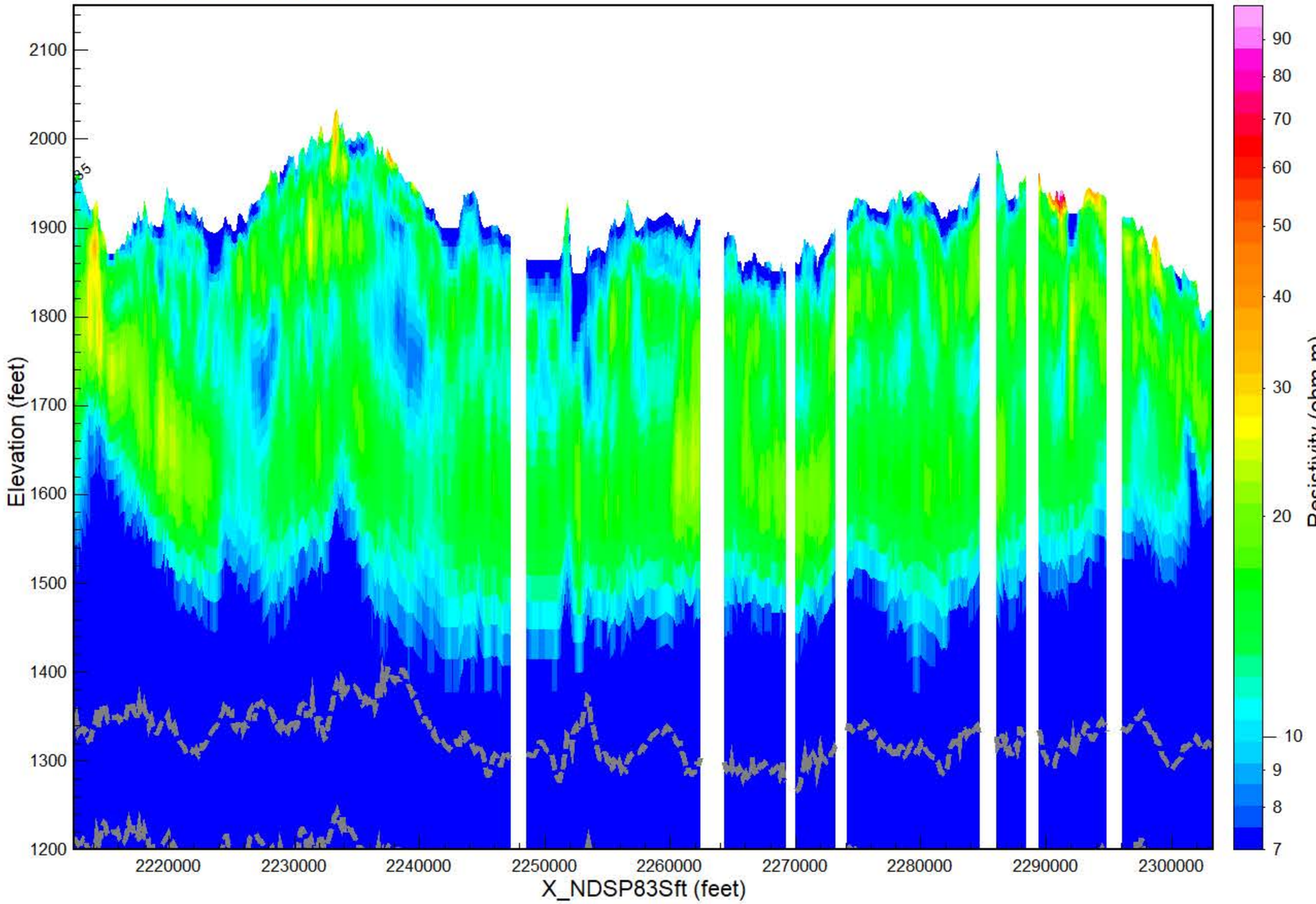
Flight Location Line L100702



AEM Survey Area 1



Final SCI Resistivity Line L100702

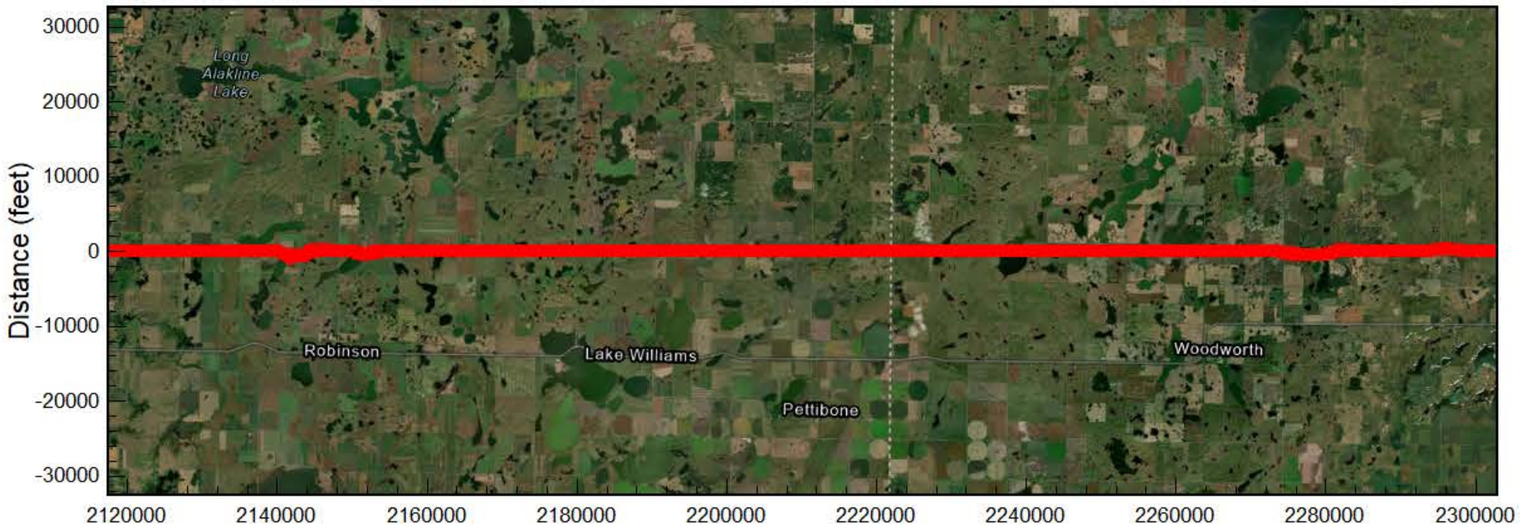


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

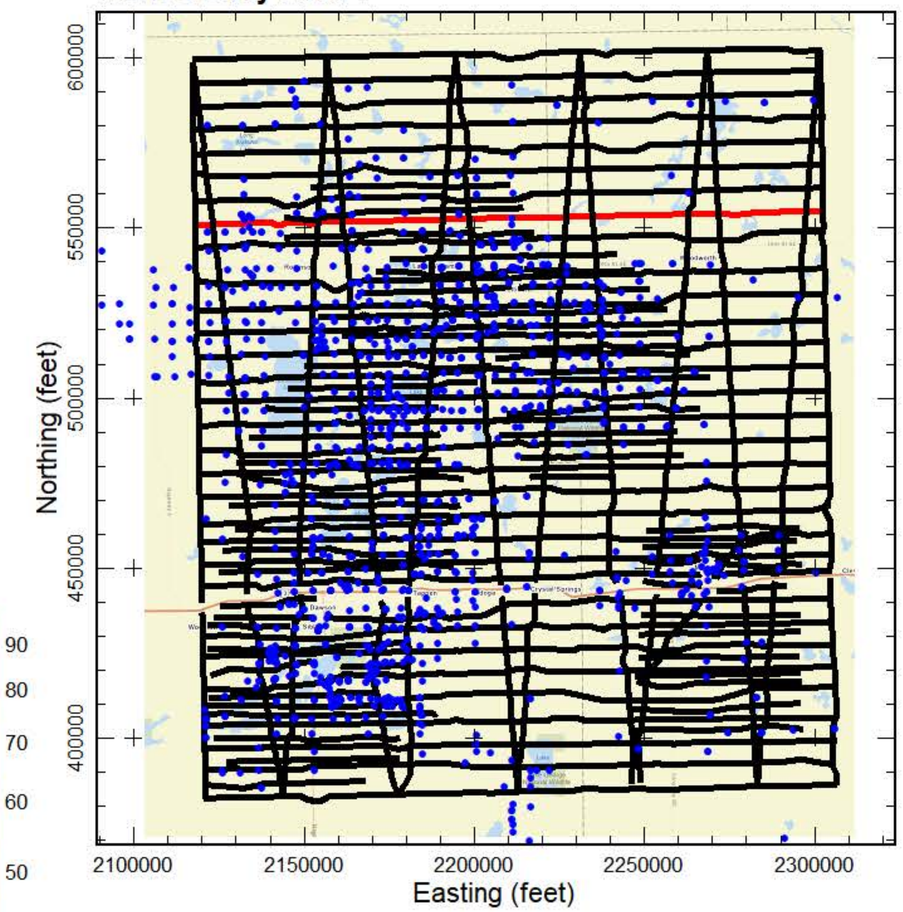
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

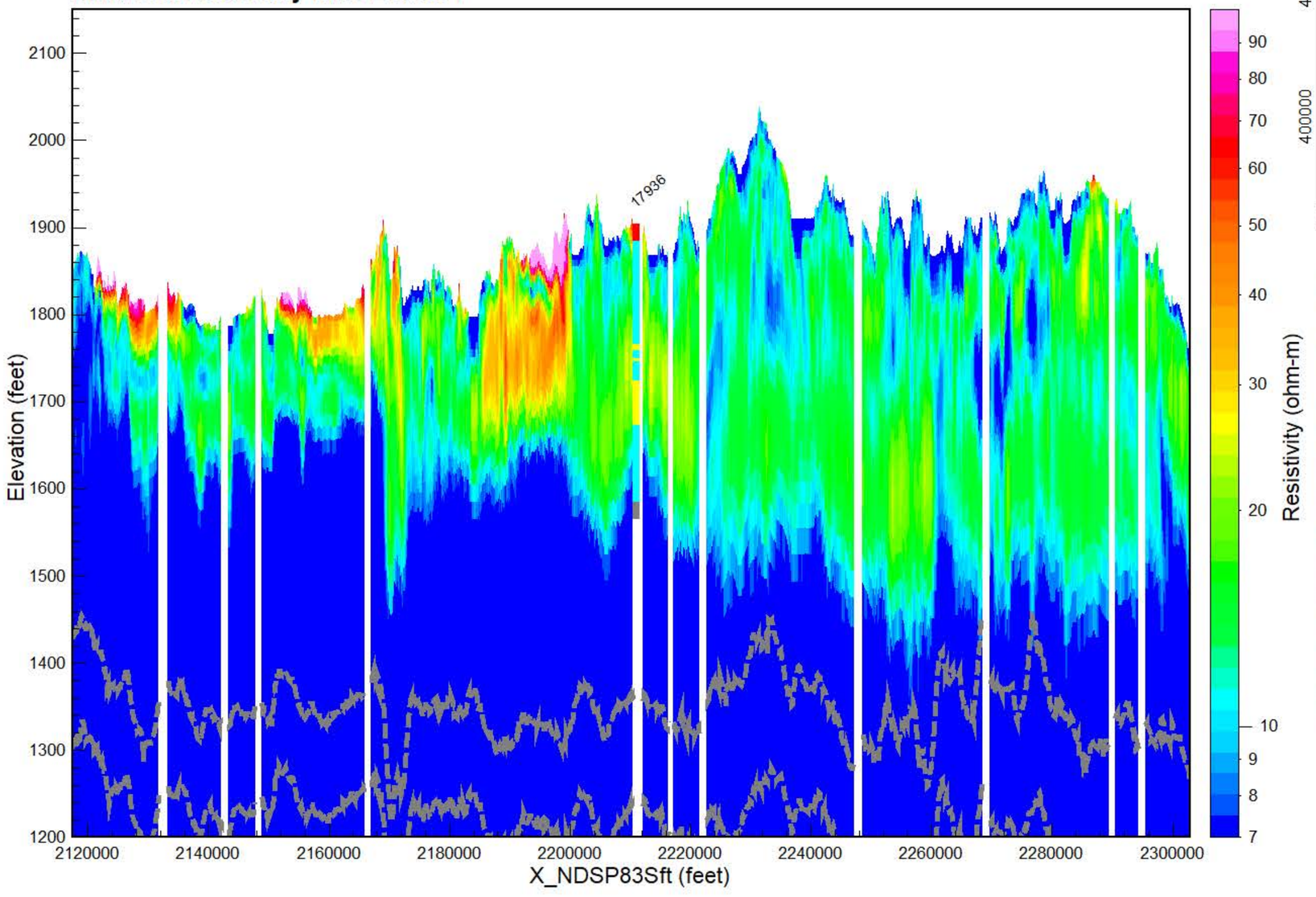
Flight Location Line L100801



AEM Survey Area 1



Final SCI Resistivity Line L100801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

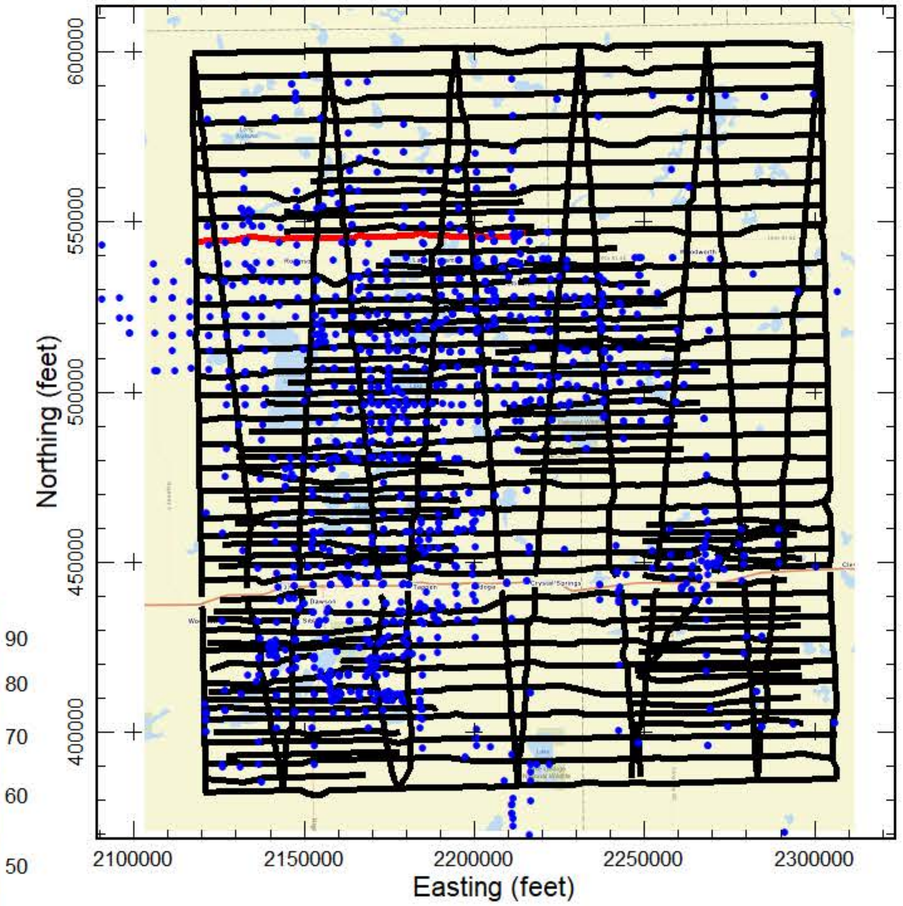
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

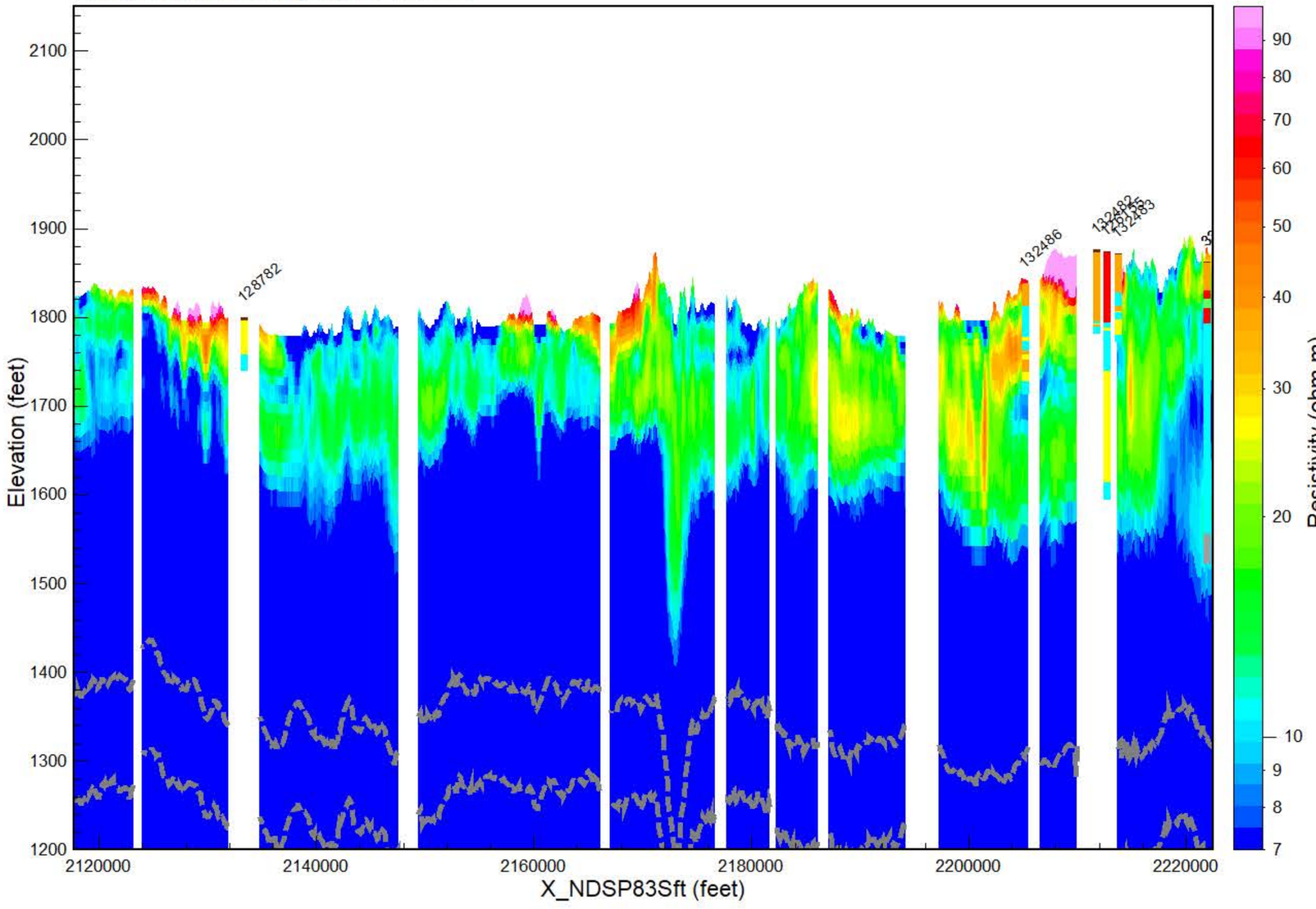
Flight Location Line L100901



AEM Survey Area 1



Final SCI Resistivity Line L100901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

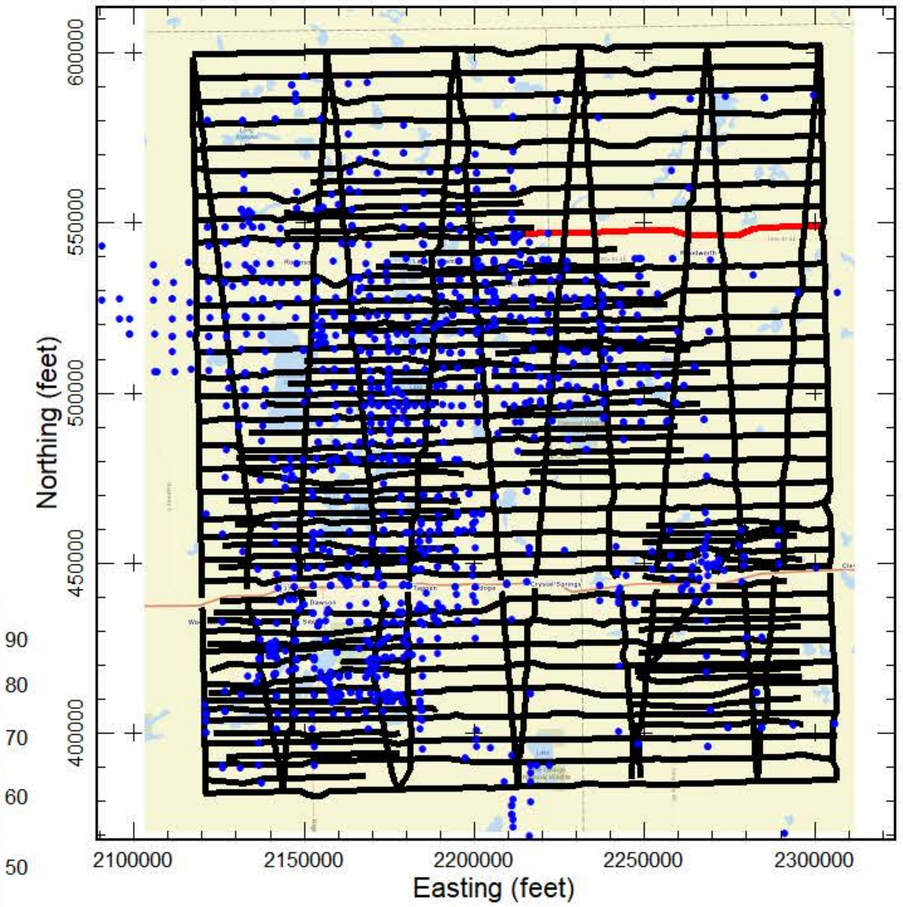
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

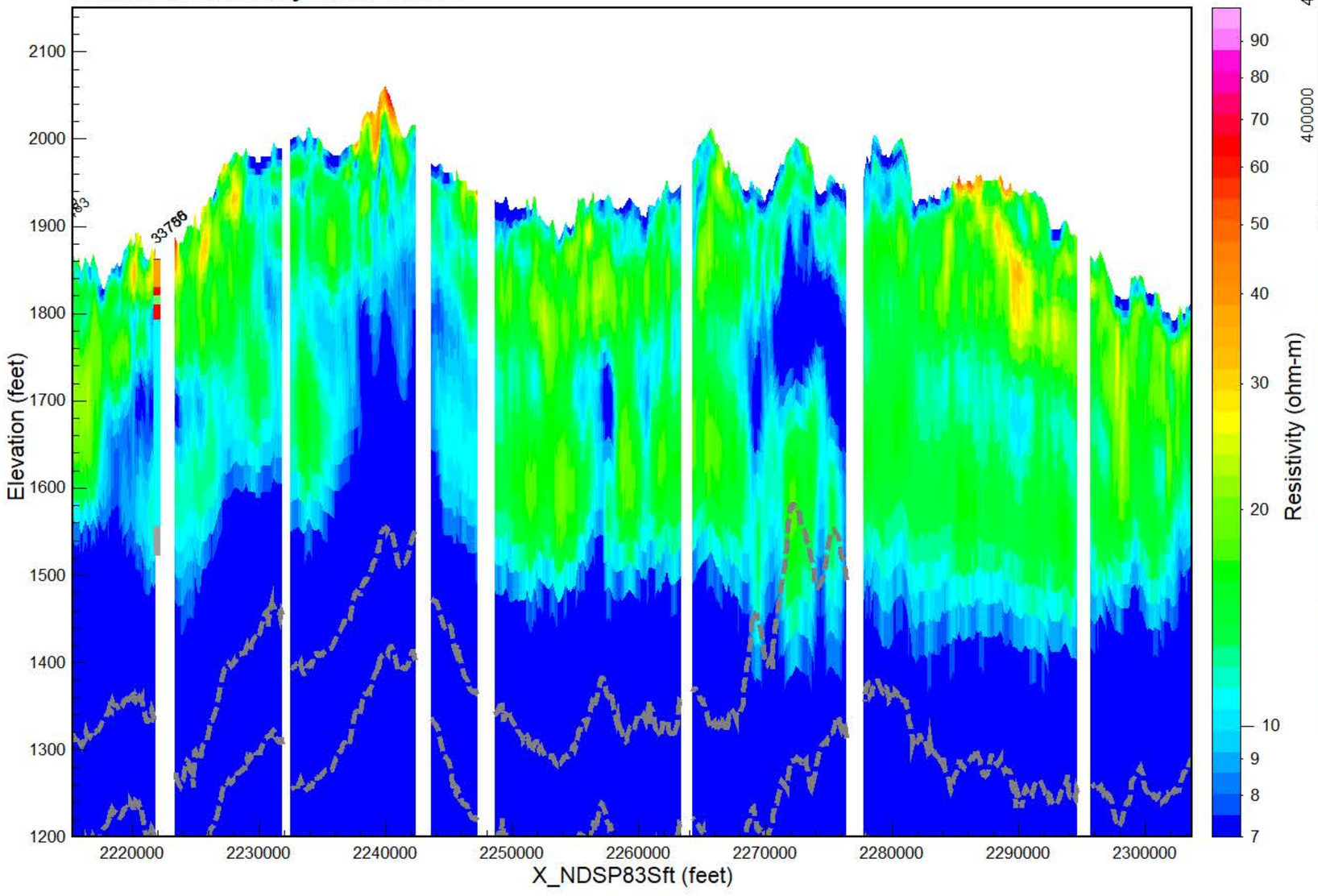
Flight Location Line L100902



AEM Survey Area 1



Final SCI Resistivity Line L100902



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

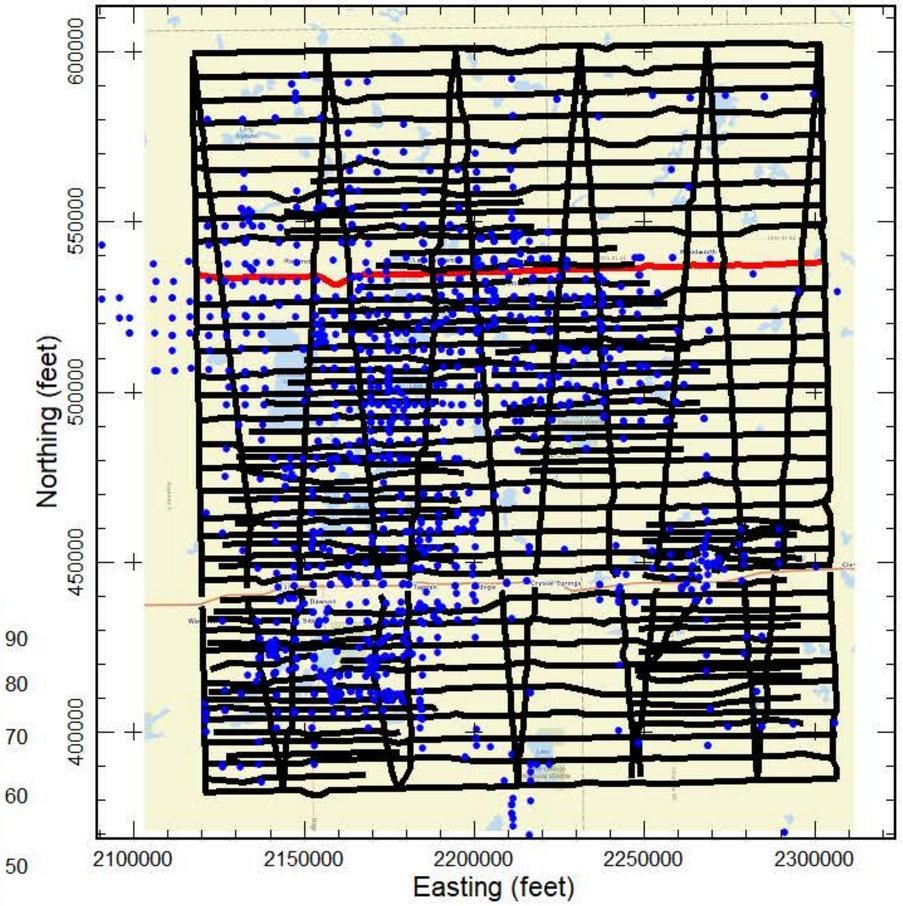
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

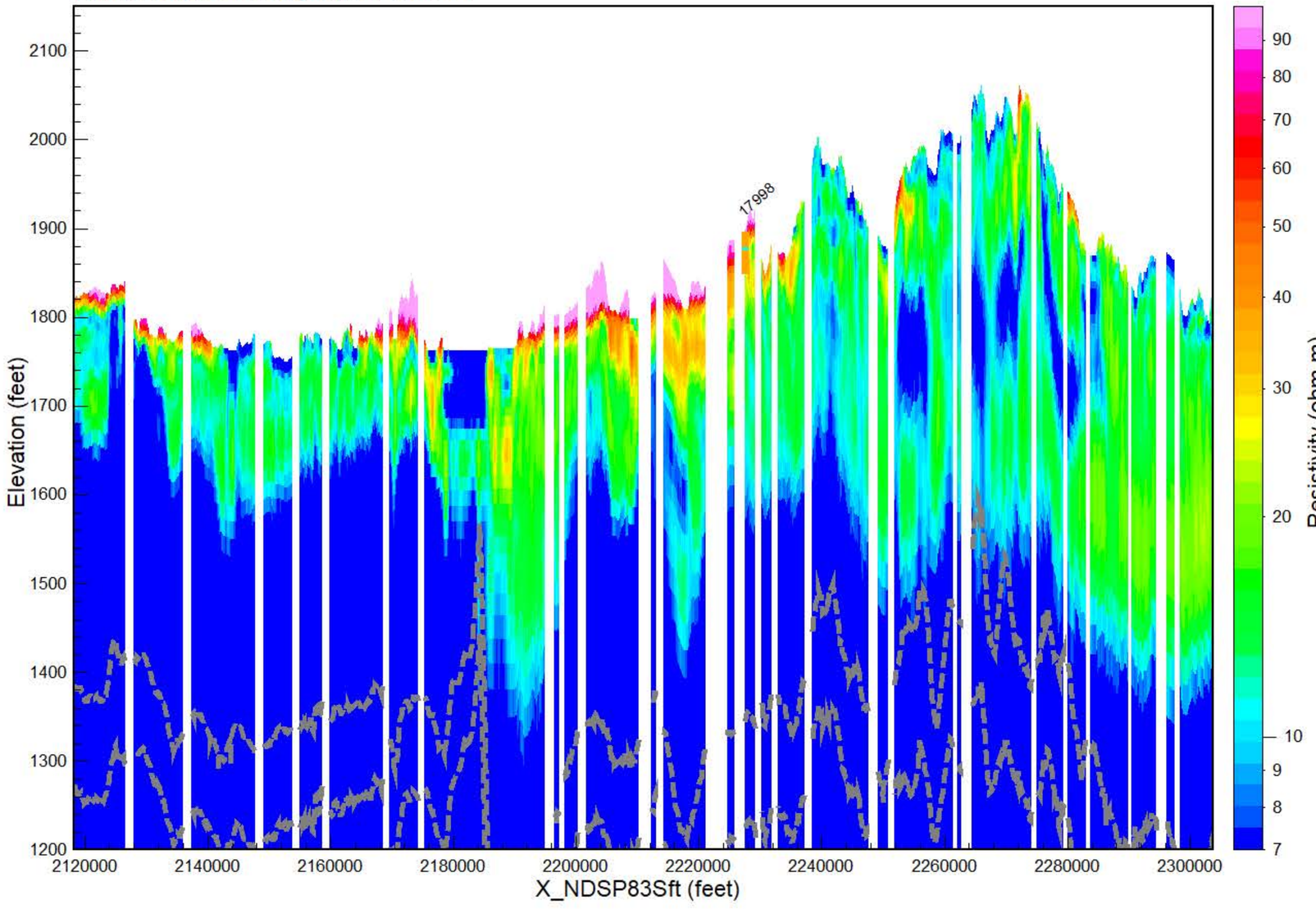
Flight Location Line L101001



AEM Survey Area 1



Final SCI Resistivity Line L101001

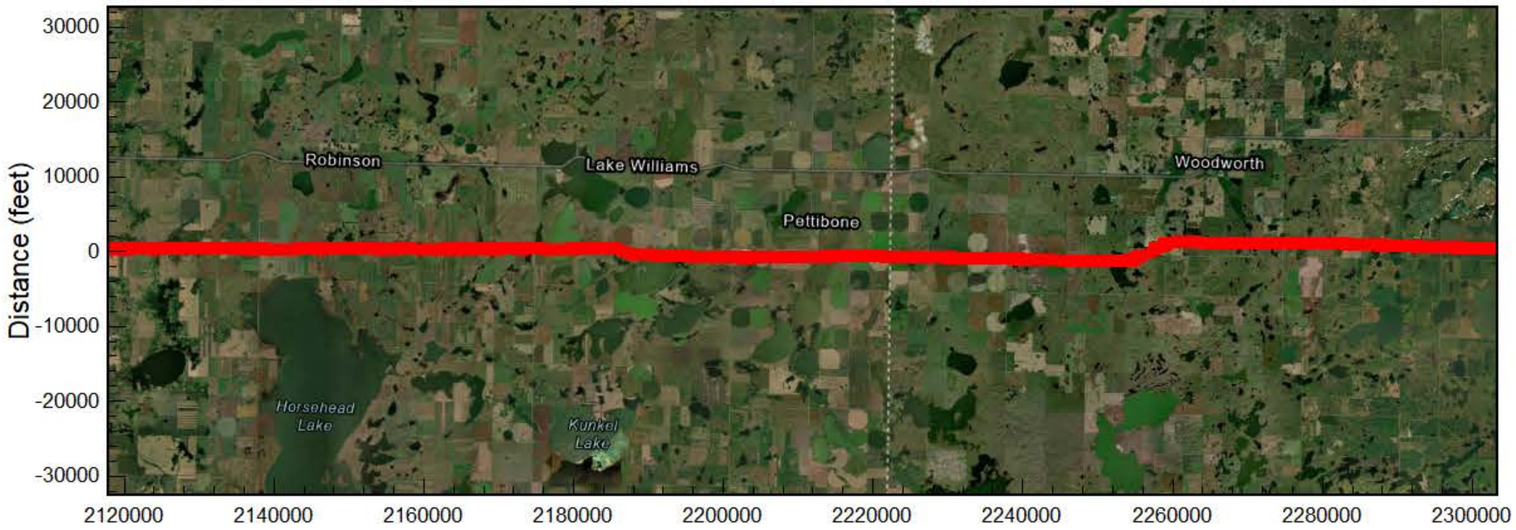


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

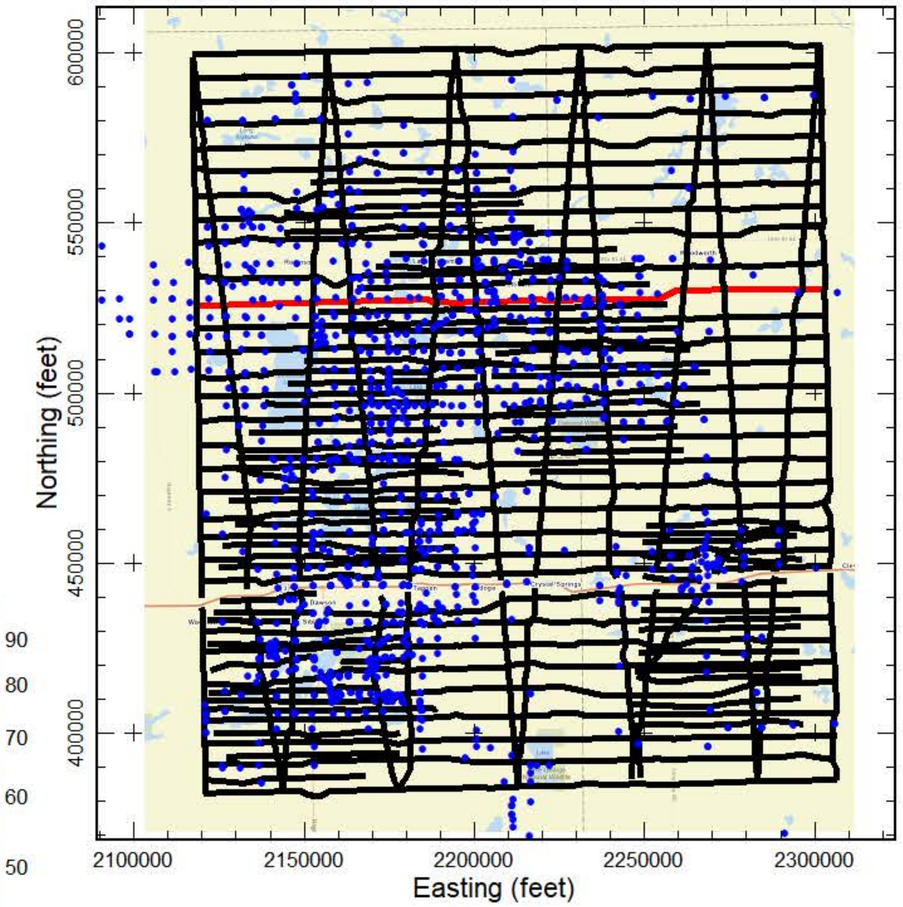
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

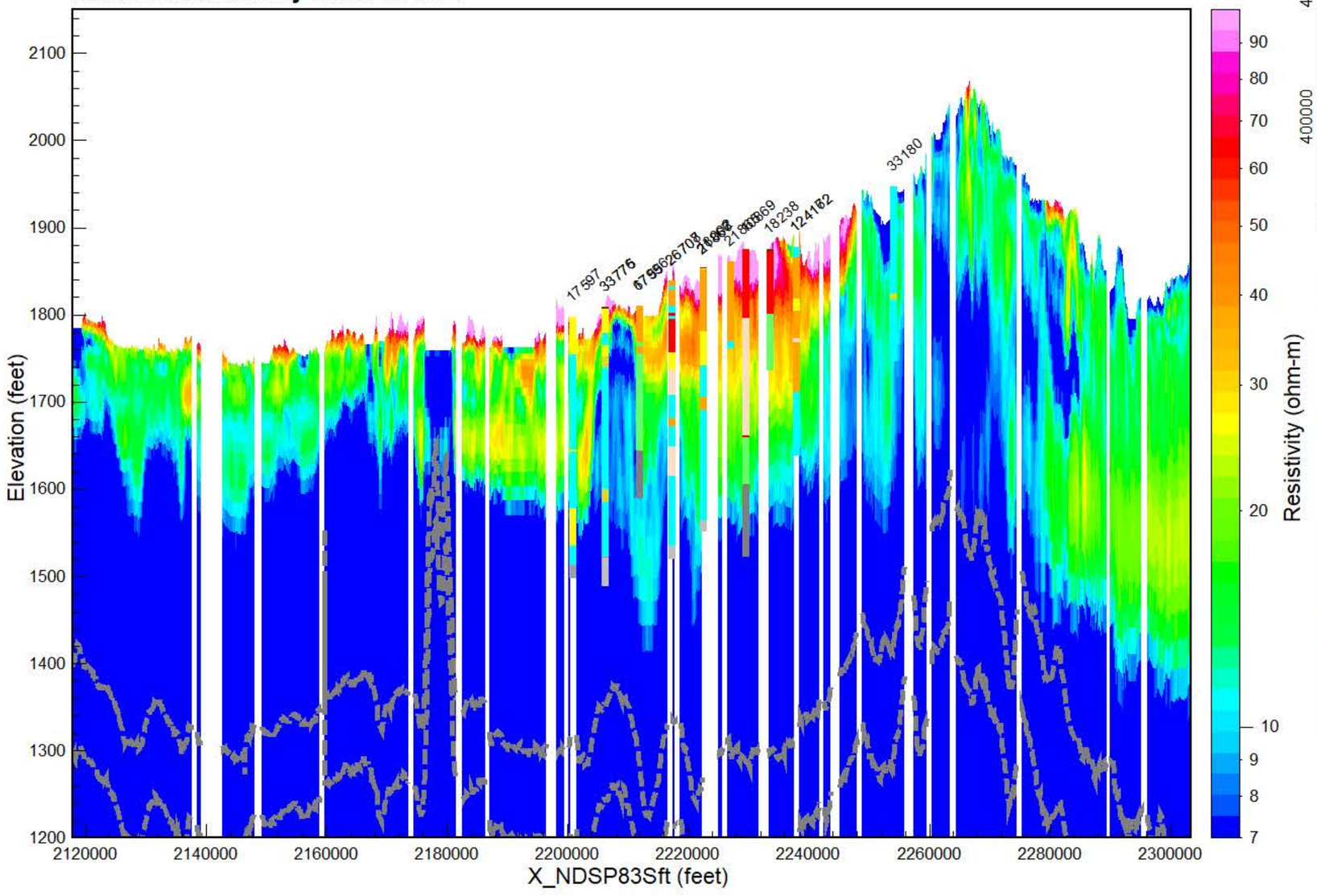
Flight Location Line L101101



AEM Survey Area 1



Final SCI Resistivity Line L101101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

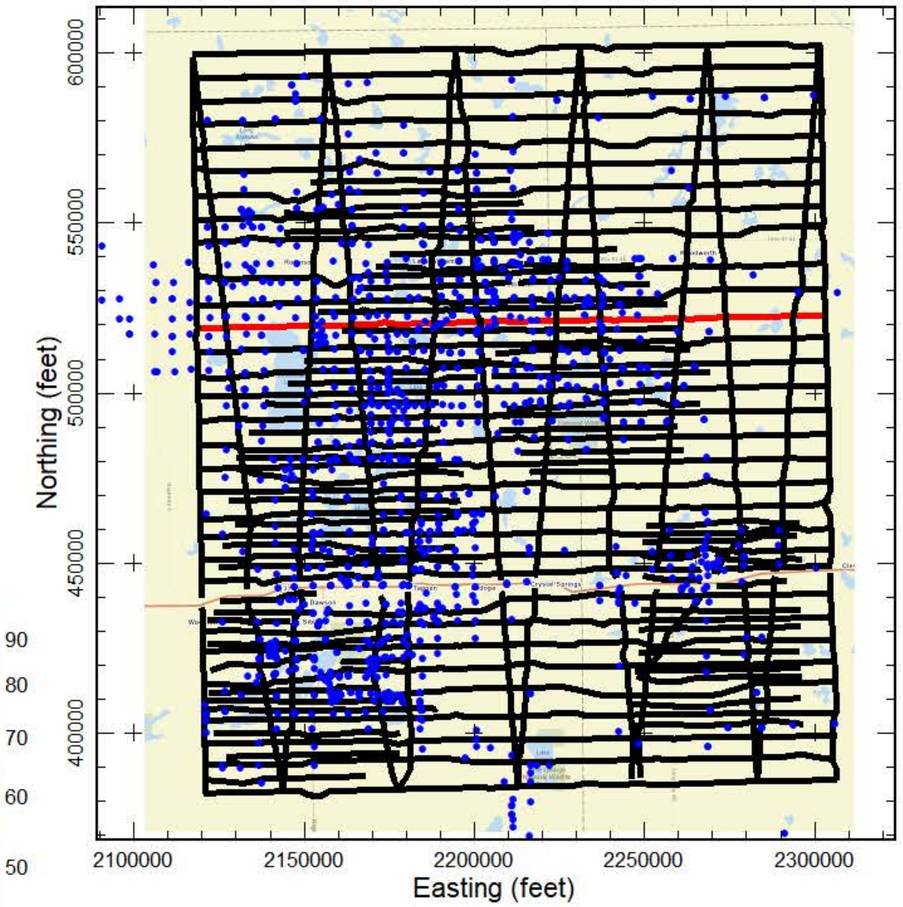
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

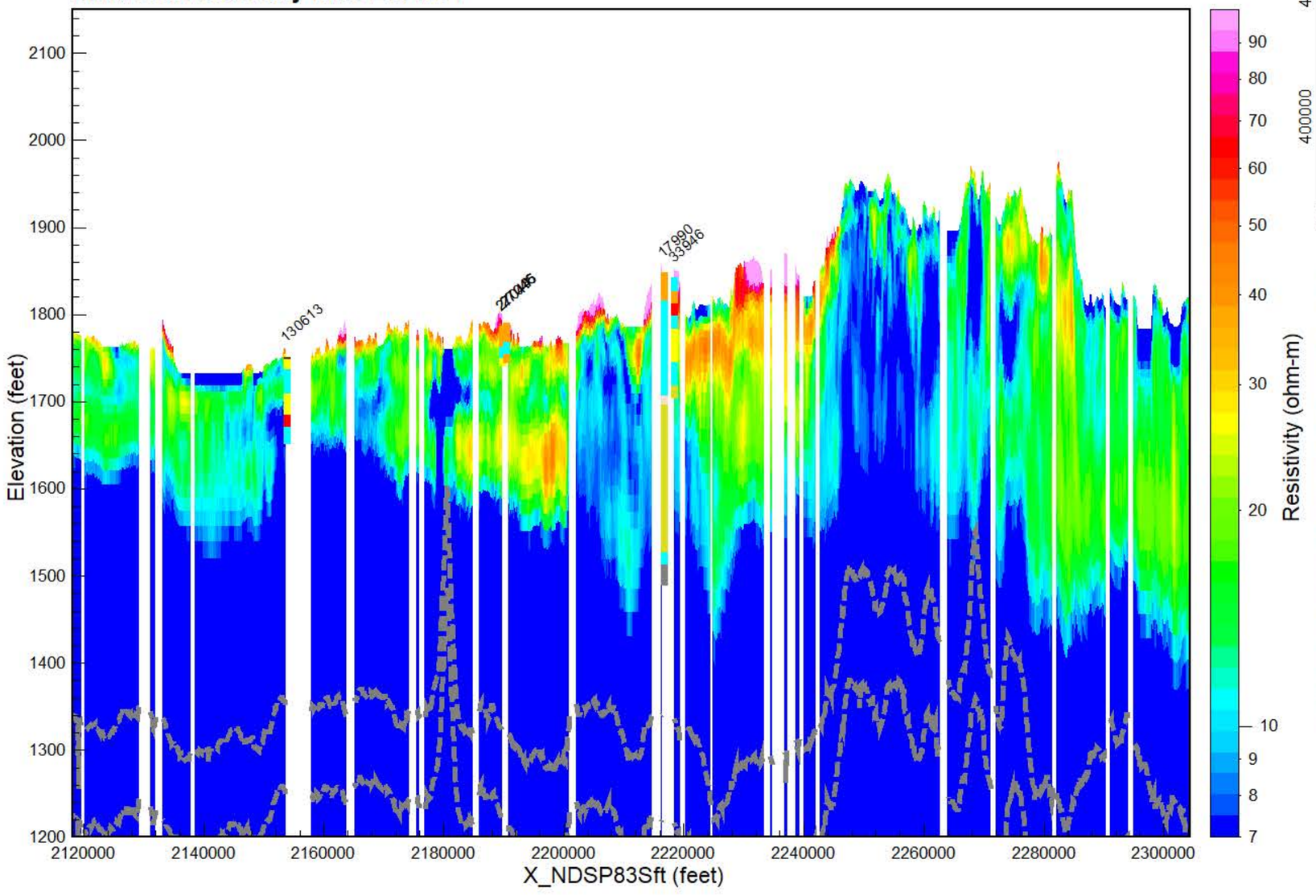
Flight Location Line L101201



AEM Survey Area 1



Final SCI Resistivity Line L101201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

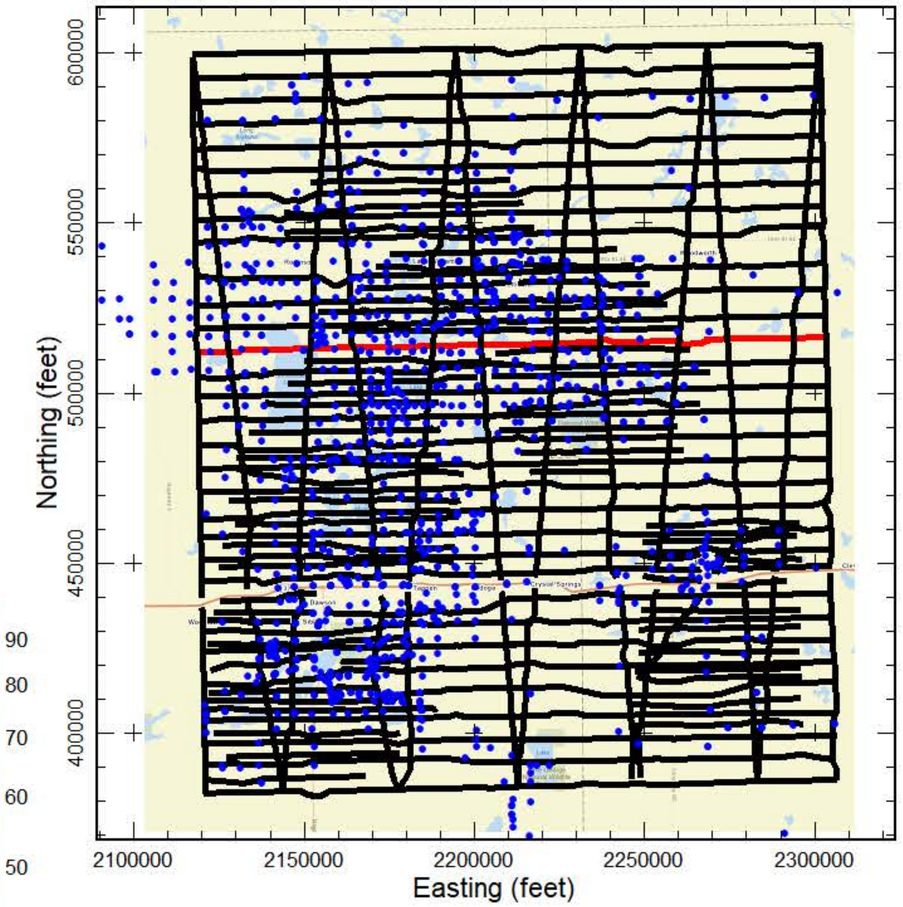
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

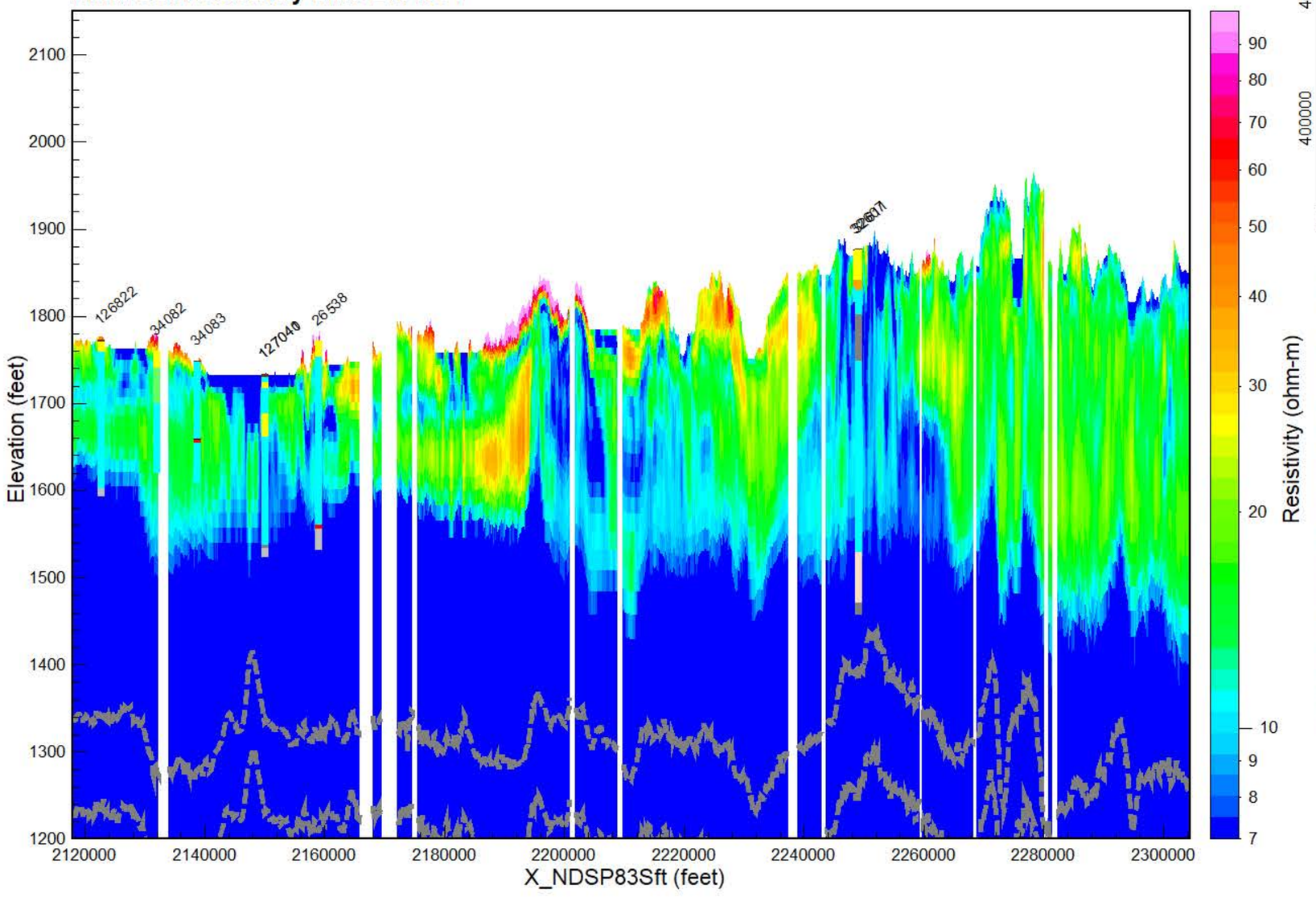
Flight Location Line L101301



AEM Survey Area 1



Final SCI Resistivity Line L101301

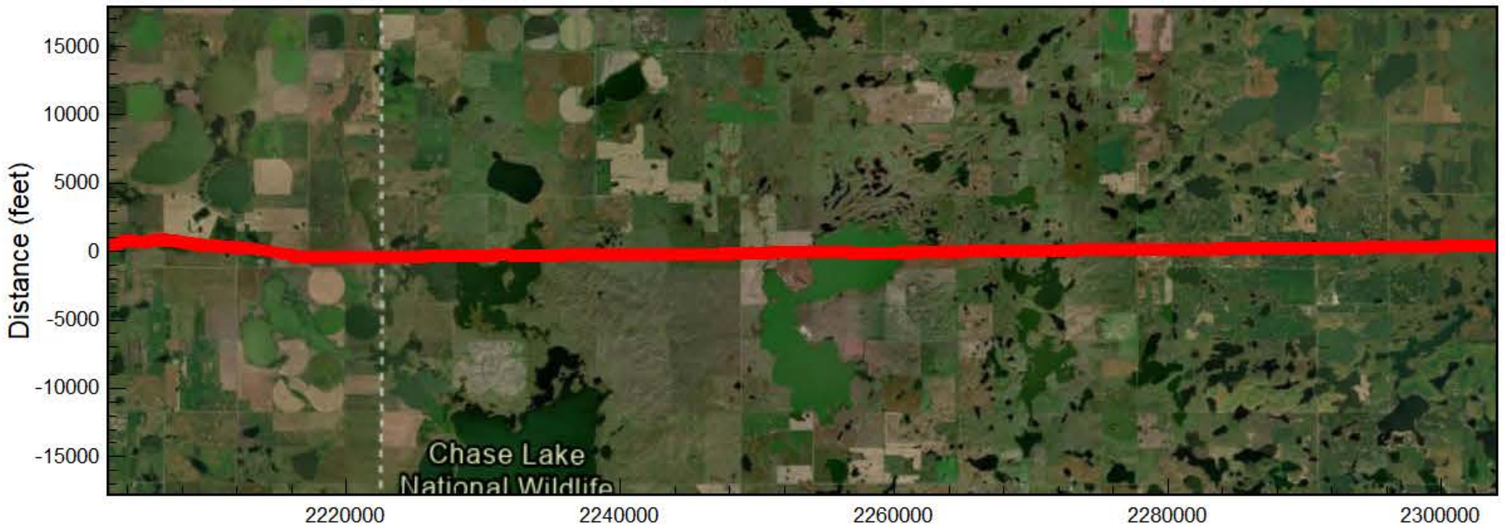


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

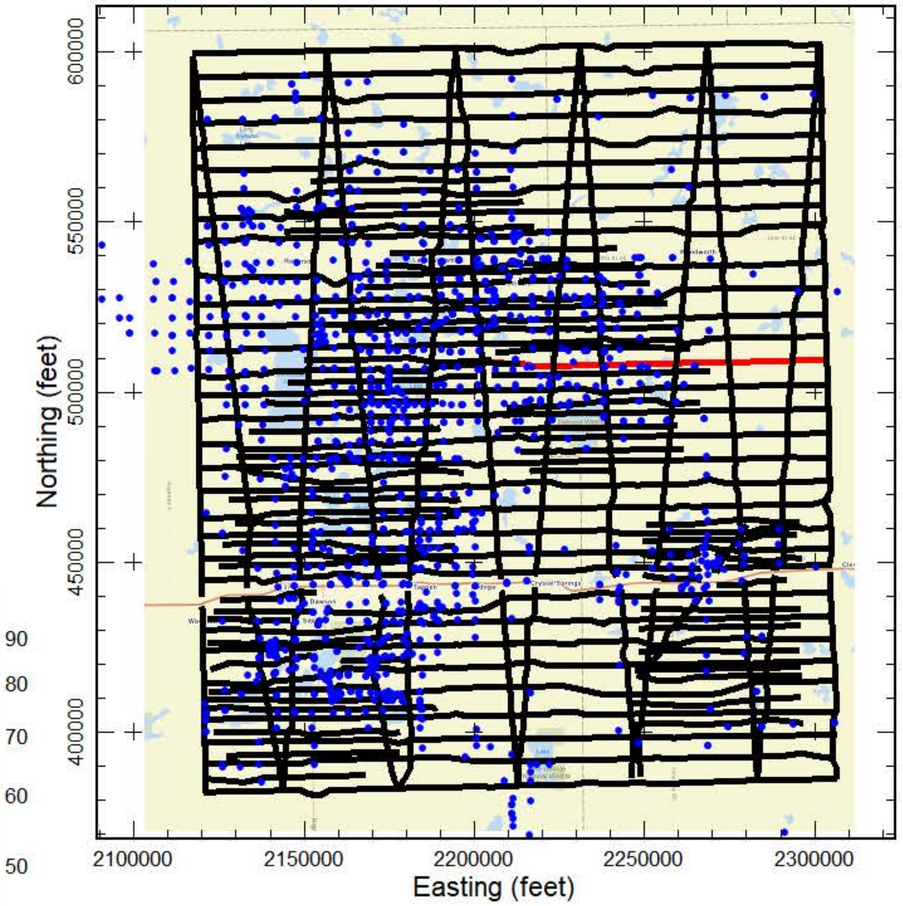
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

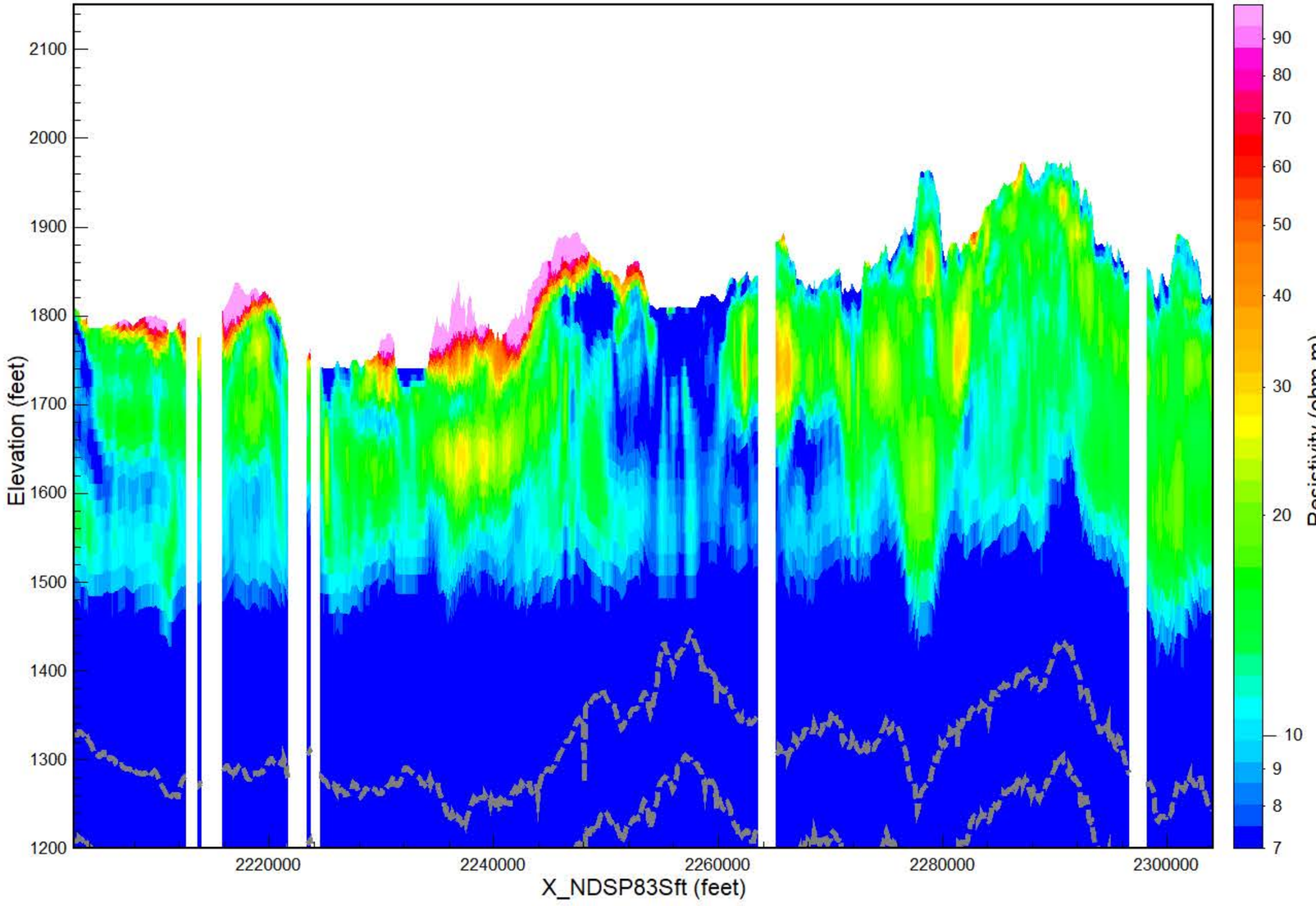
Flight Location Line L101401



AEM Survey Area 1



Final SCI Resistivity Line L101401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

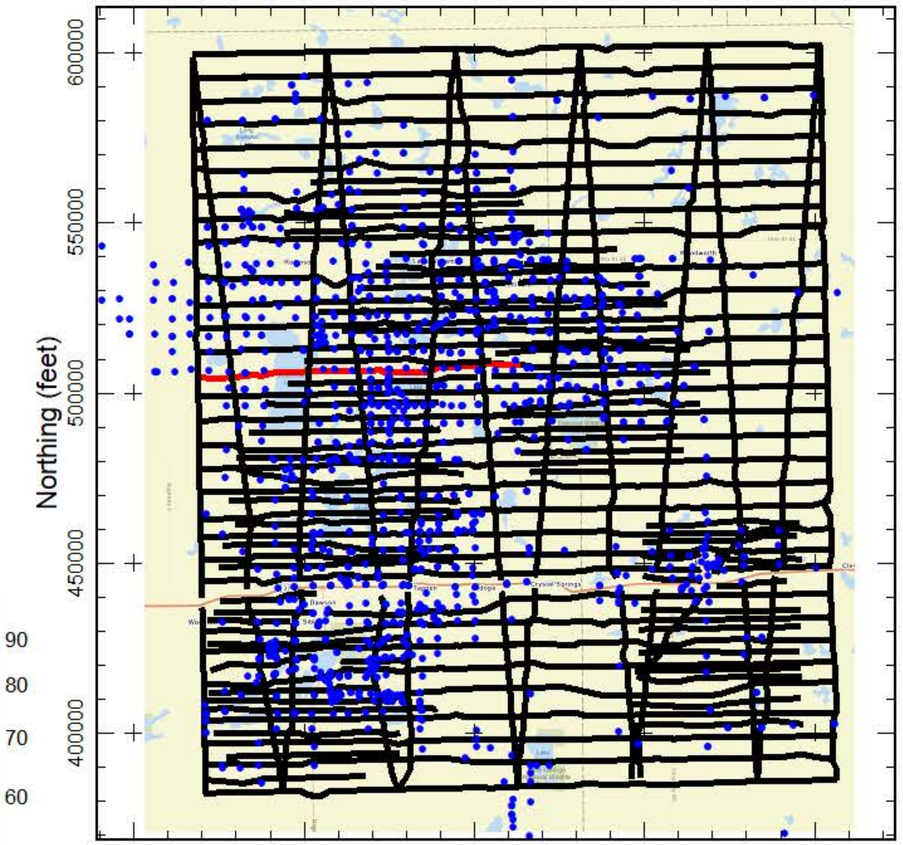
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

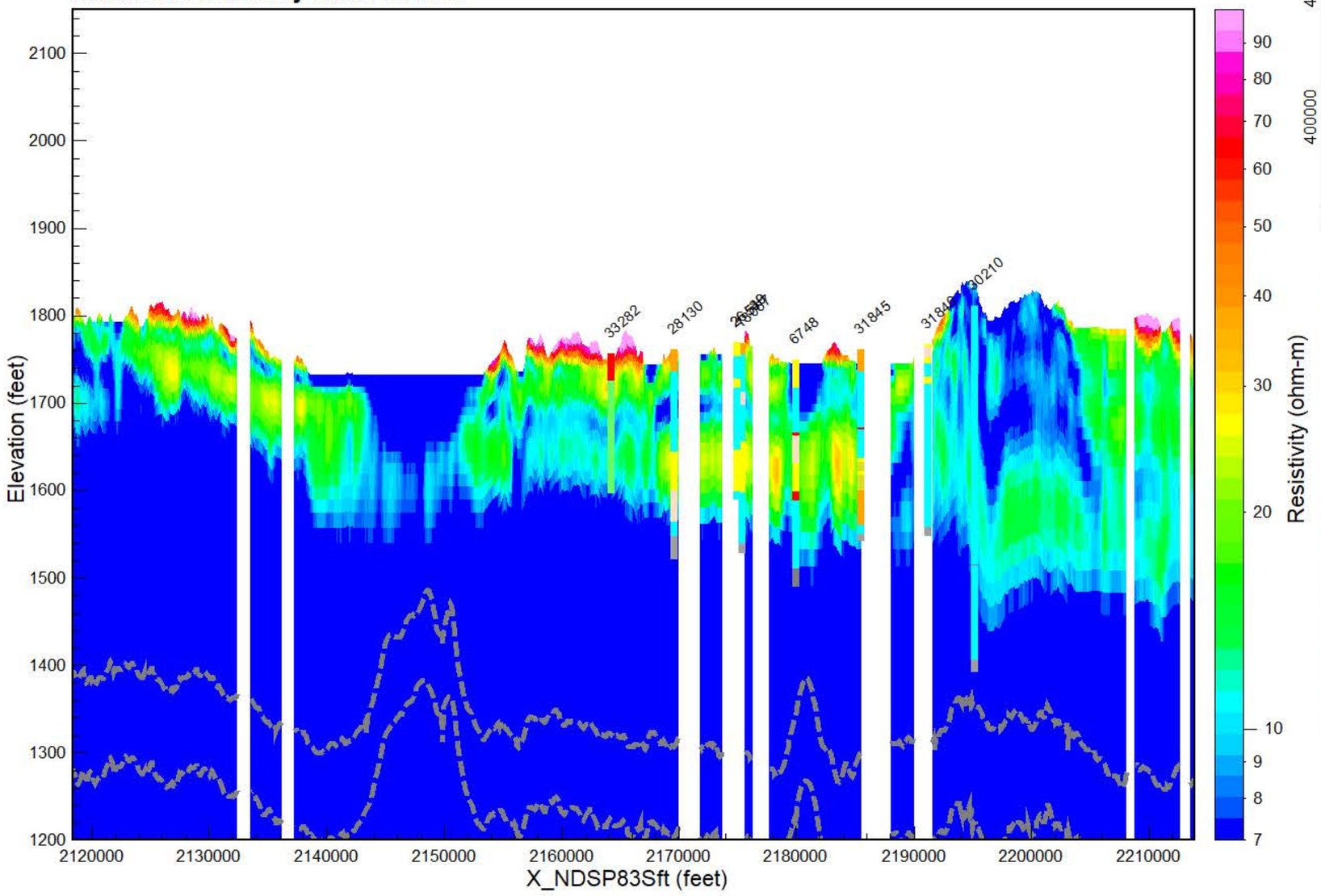
Flight Location Line L101402



AEM Survey Area 1



Final SCI Resistivity Line L101402



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

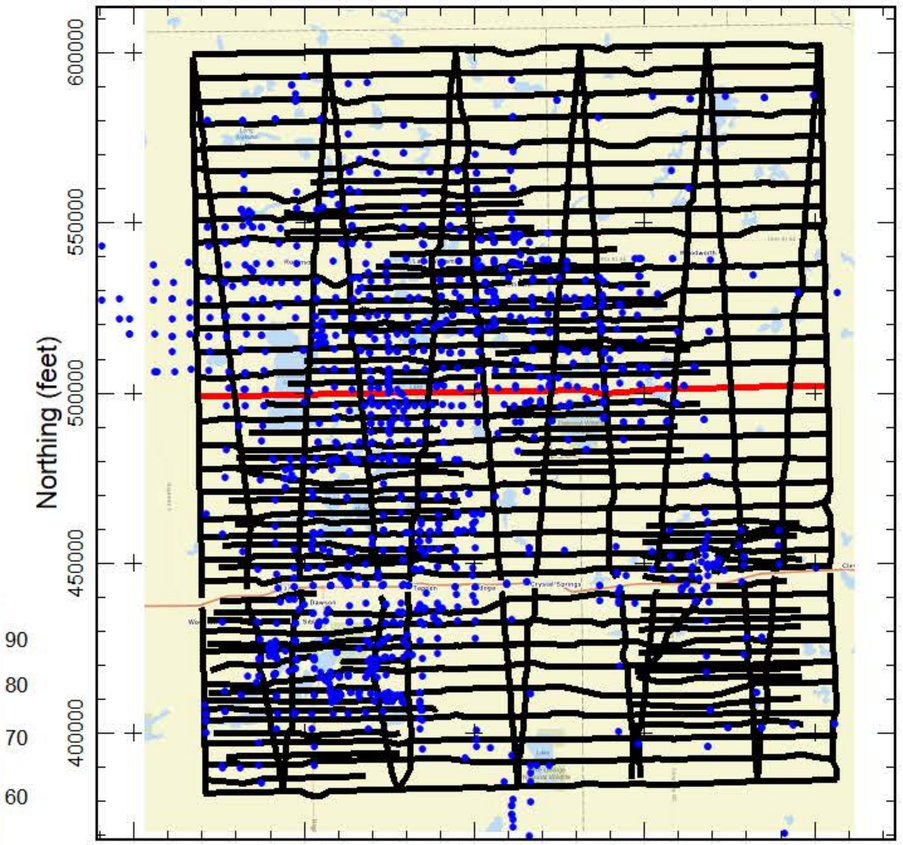
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

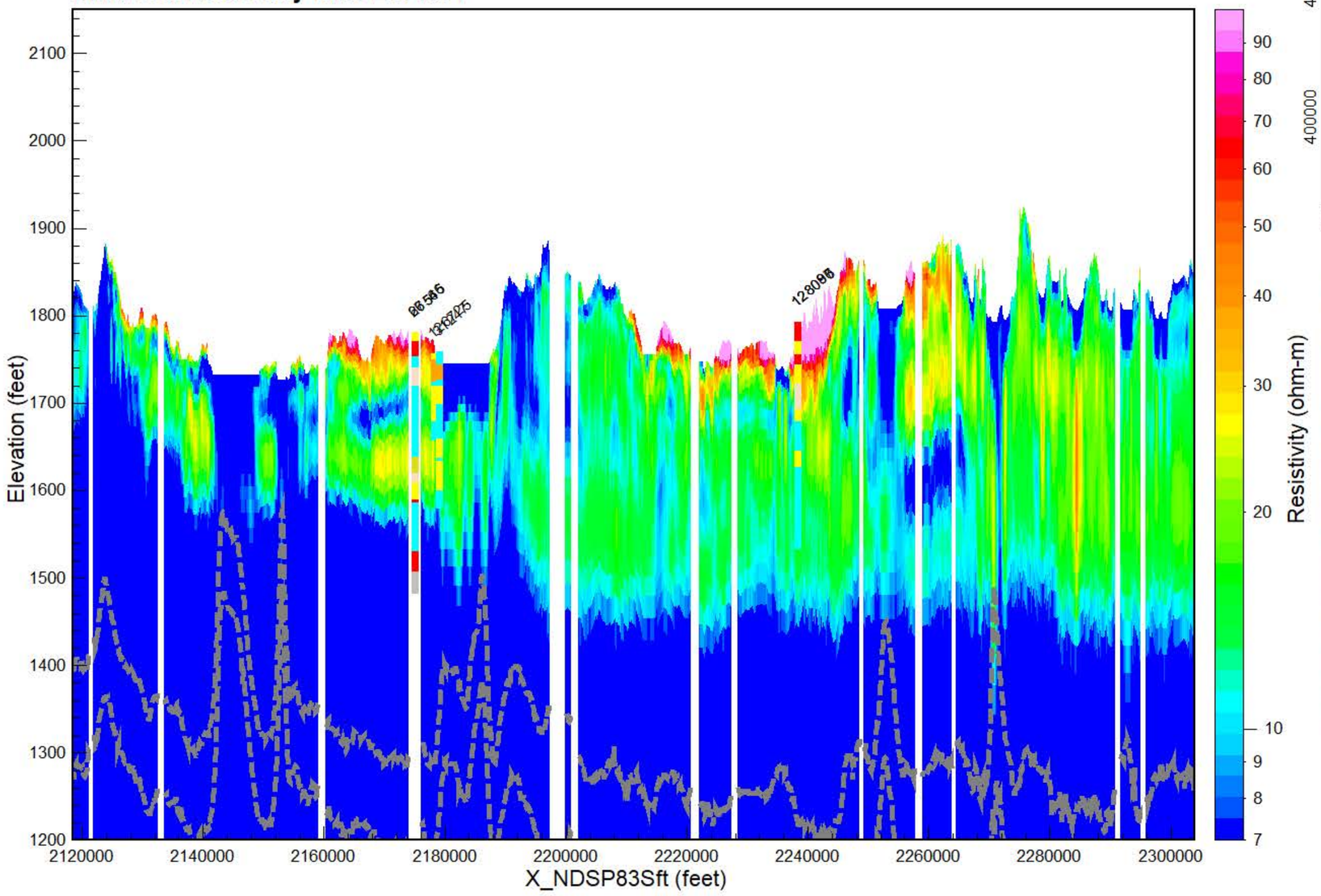
Flight Location Line L101501



AEM Survey Area 1



Final SCI Resistivity Line L101501

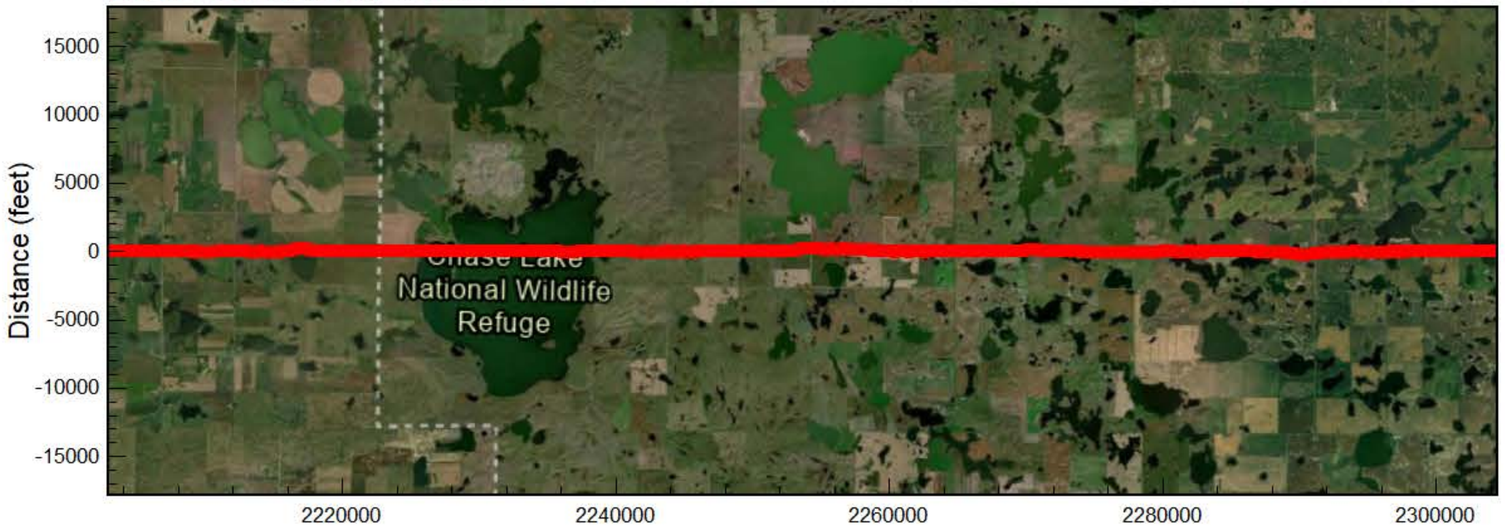


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

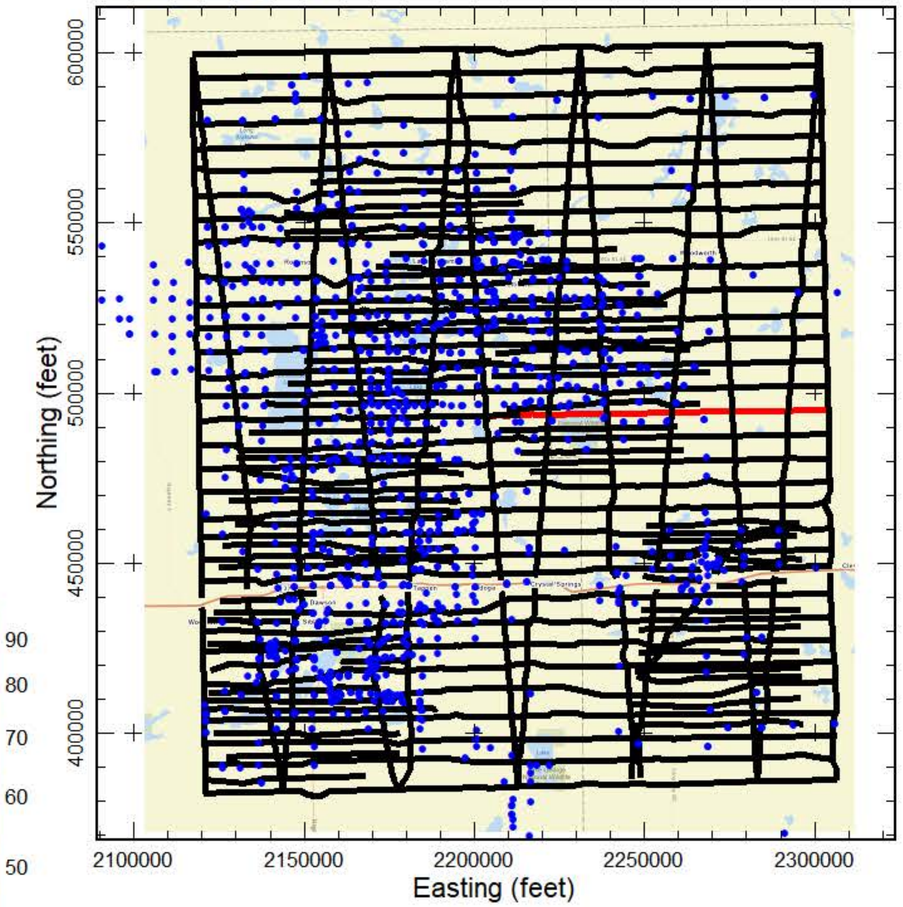
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

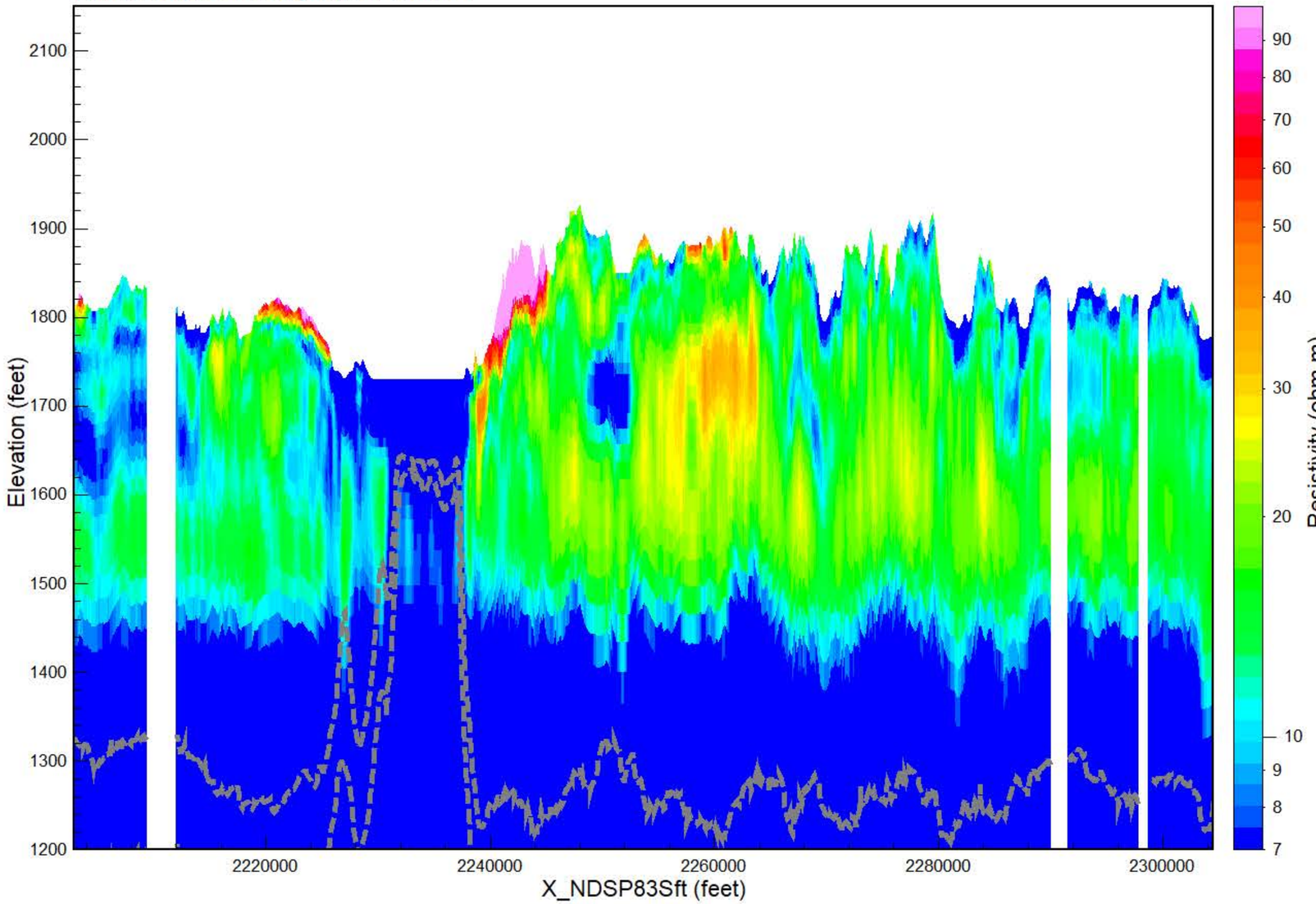
Flight Location Line L101601



AEM Survey Area 1



Final SCI Resistivity Line L101601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

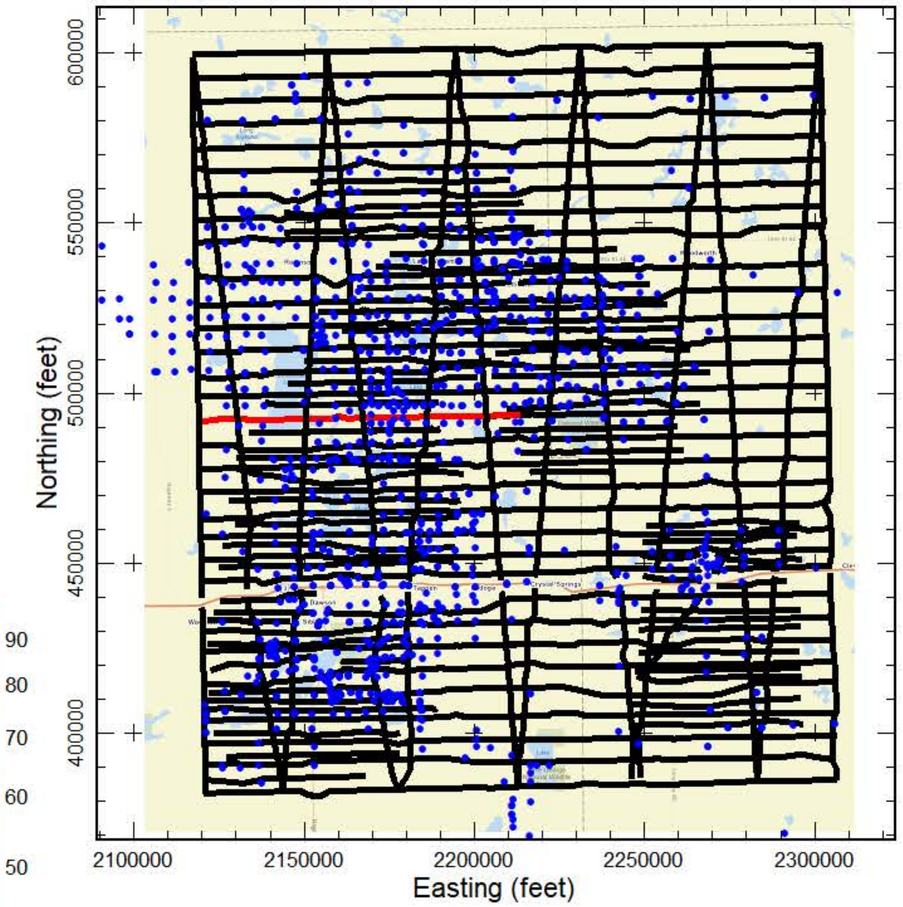
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

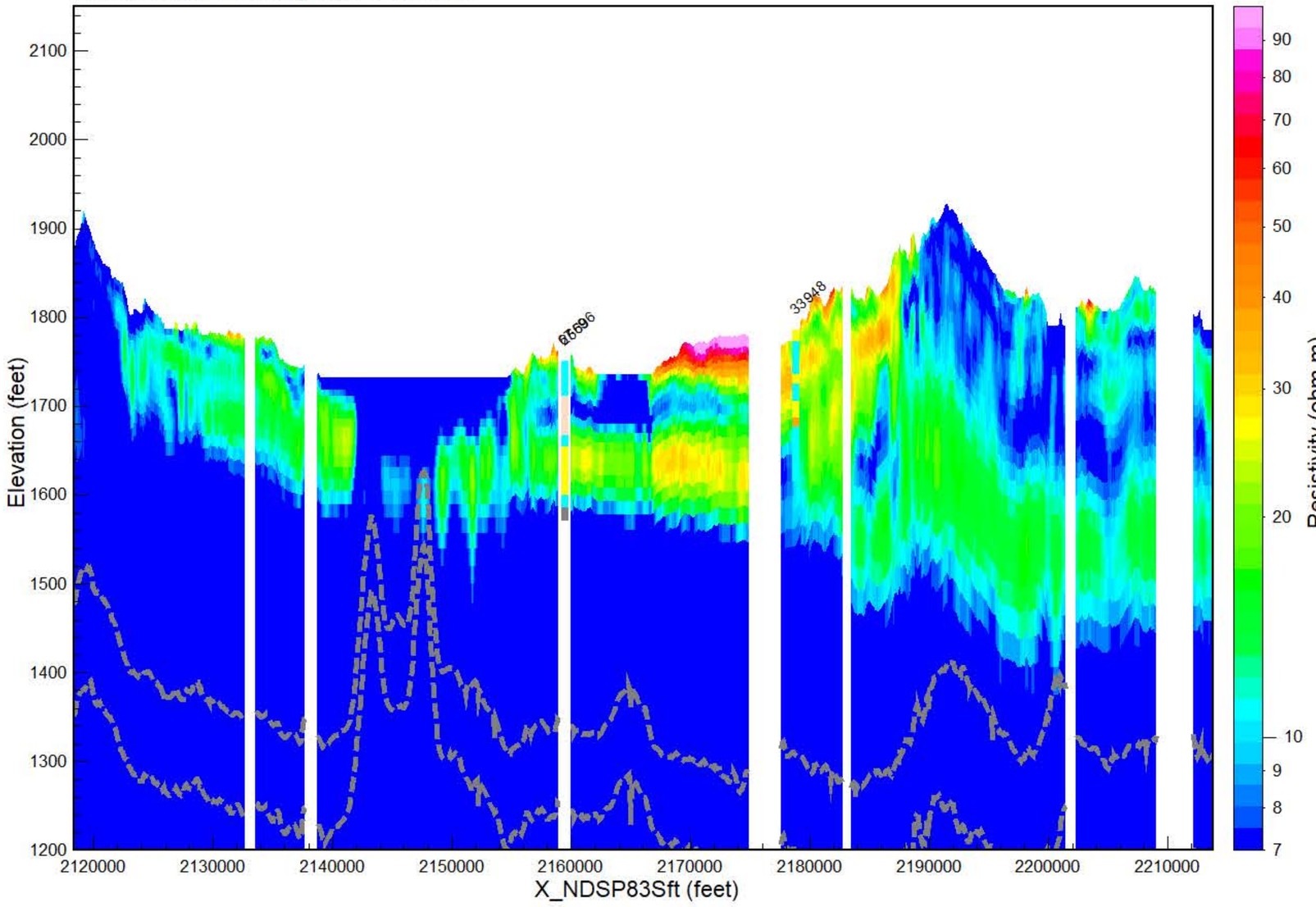
Flight Location Line L101602



AEM Survey Area 1



Final SCI Resistivity Line L101602



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

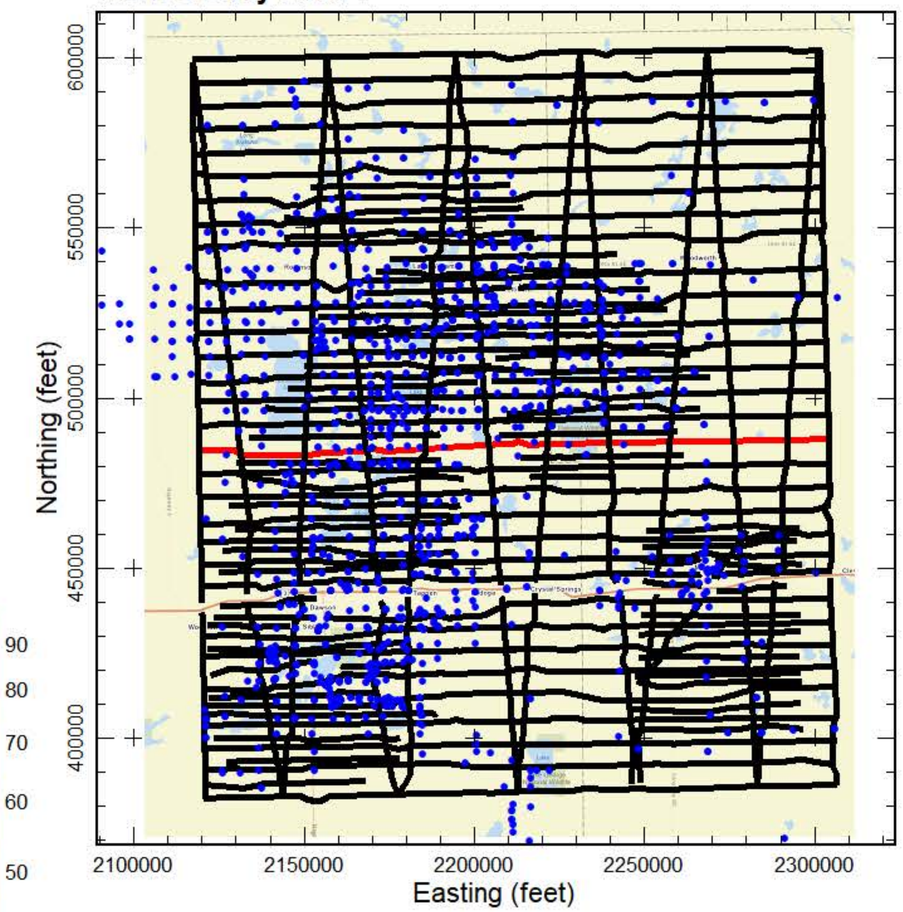
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

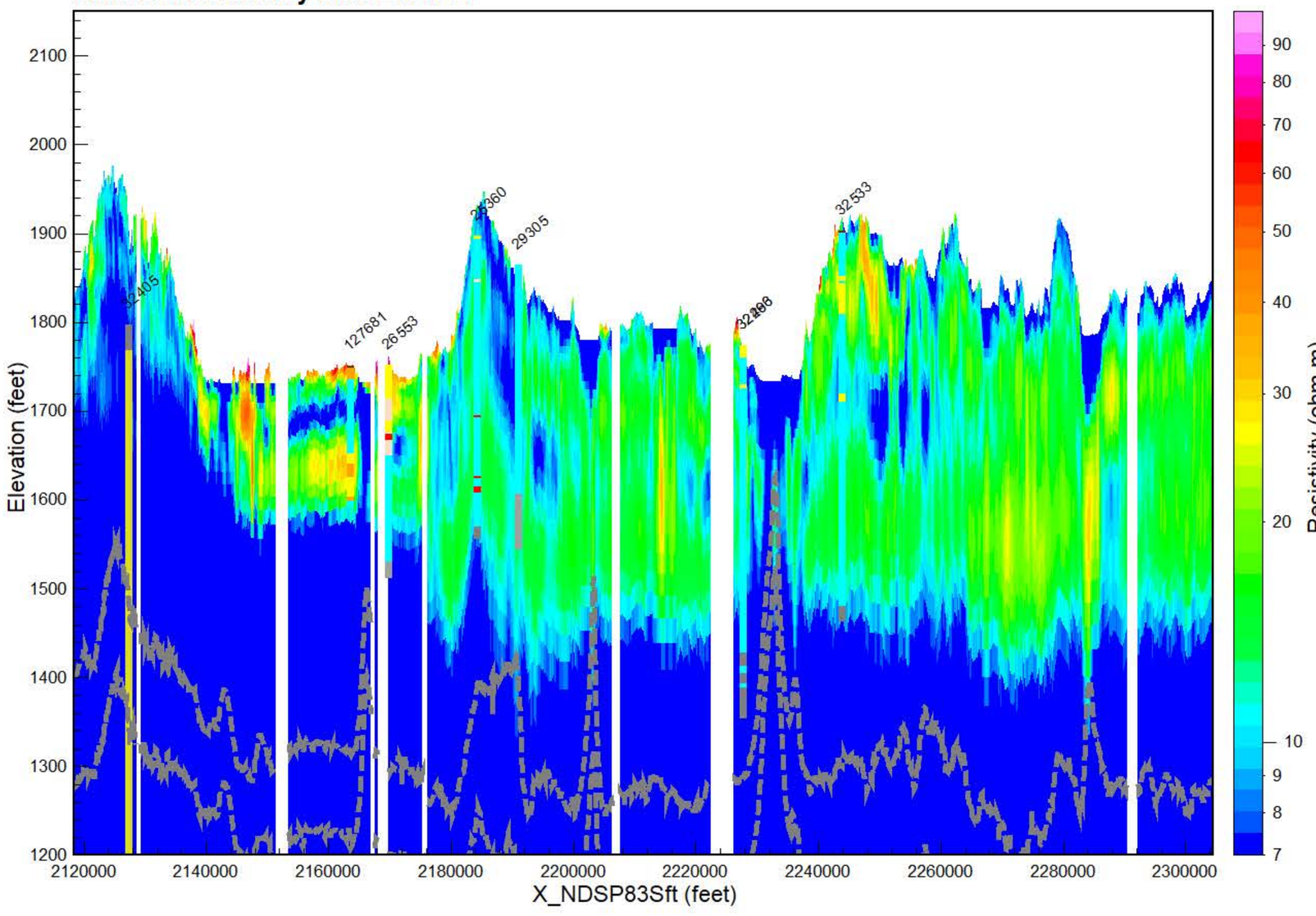
Flight Location Line L101701



AEM Survey Area 1



Final SCI Resistivity Line L101701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

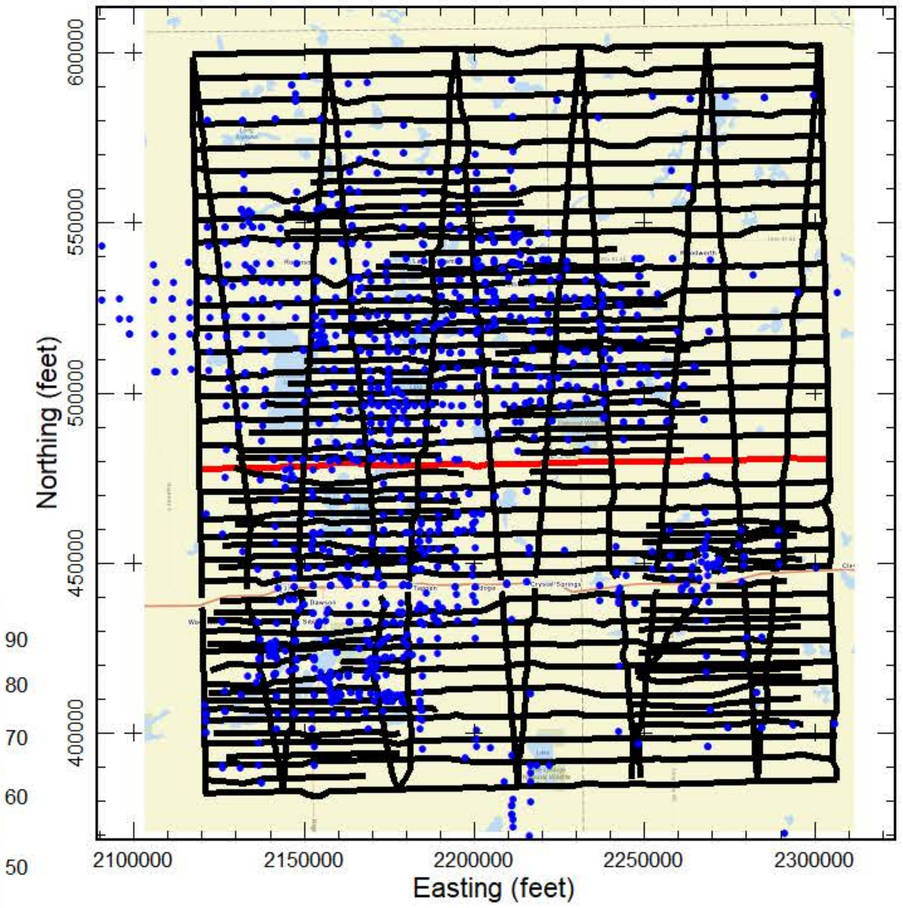
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

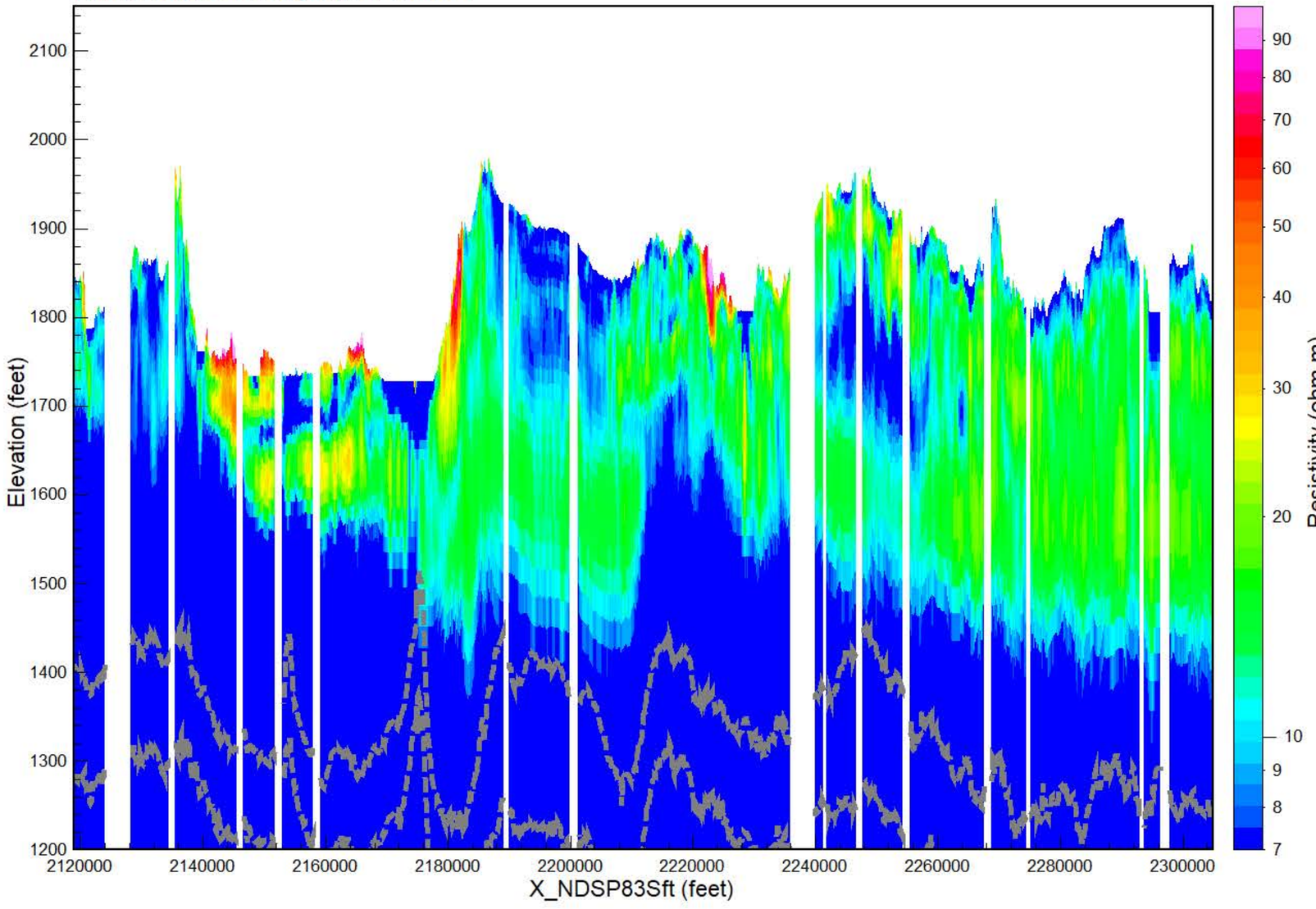
Flight Location Line L101801



AEM Survey Area 1



Final SCI Resistivity Line L101801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

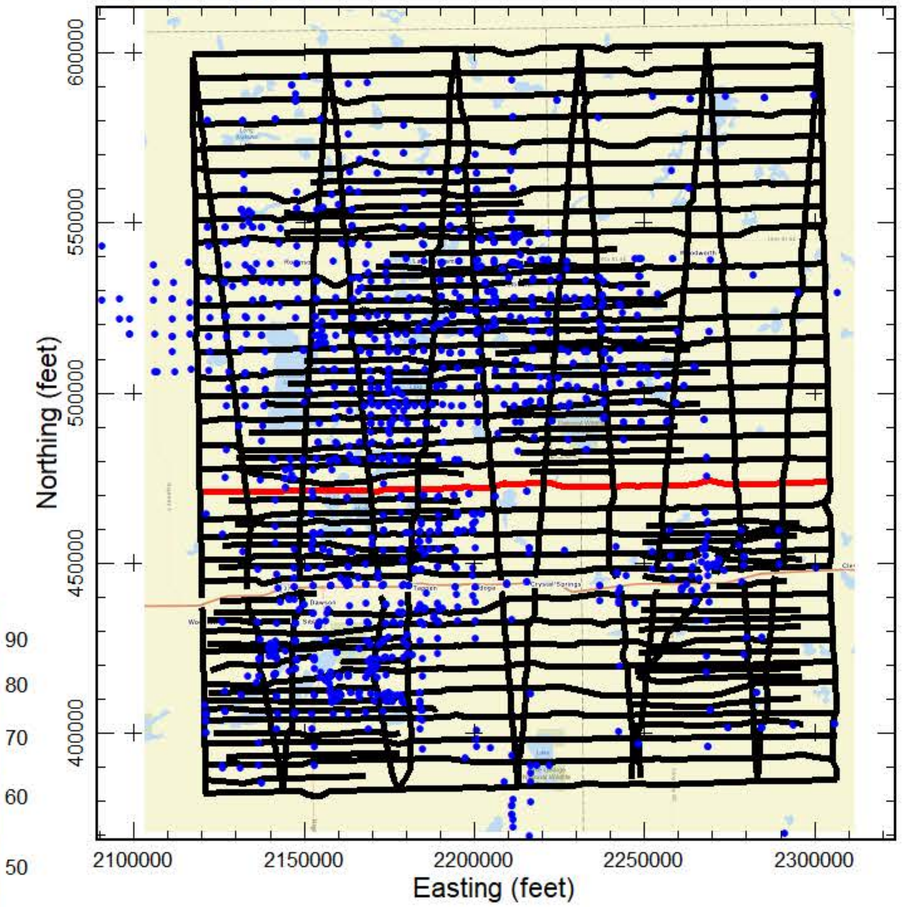
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

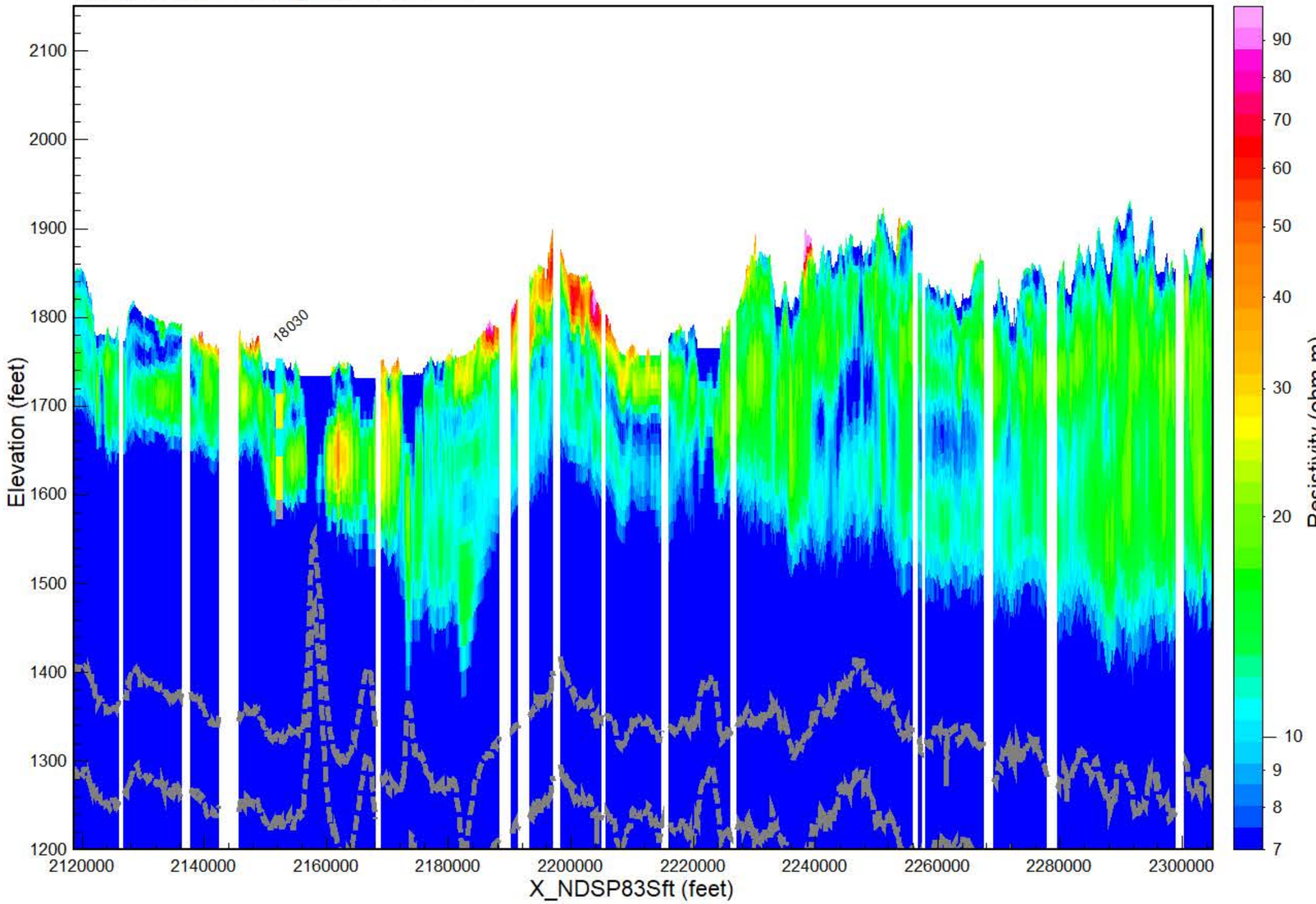
Flight Location Line L101901



AEM Survey Area 1



Final SCI Resistivity Line L101901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

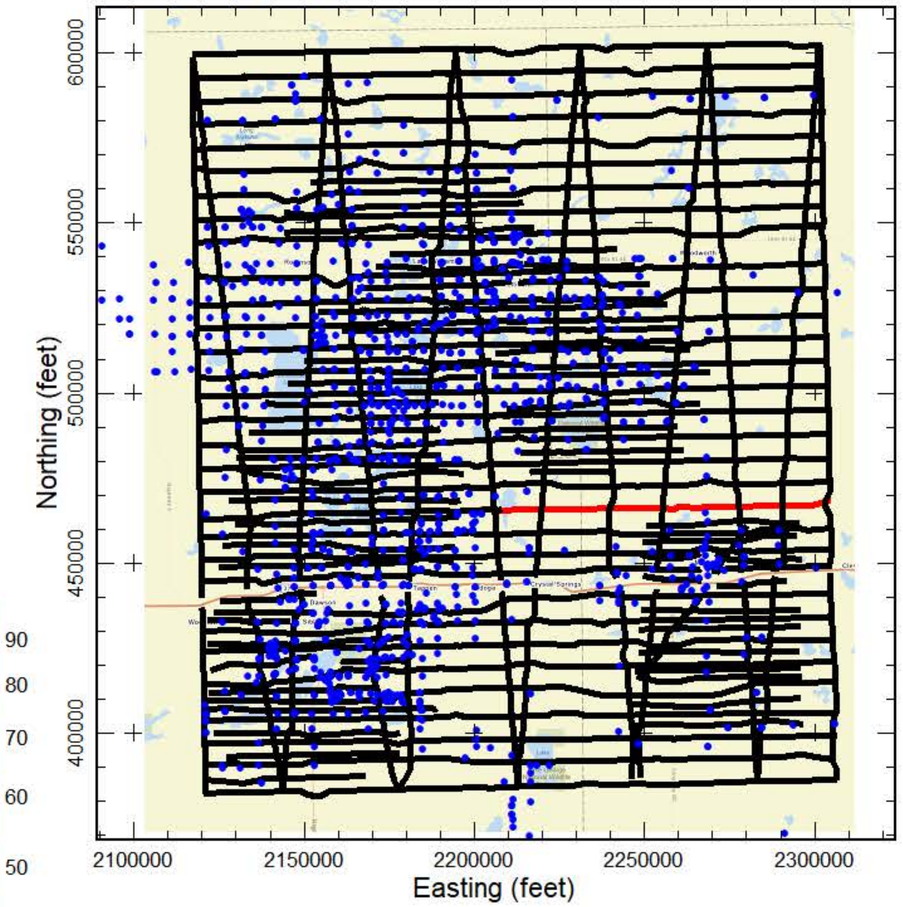
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

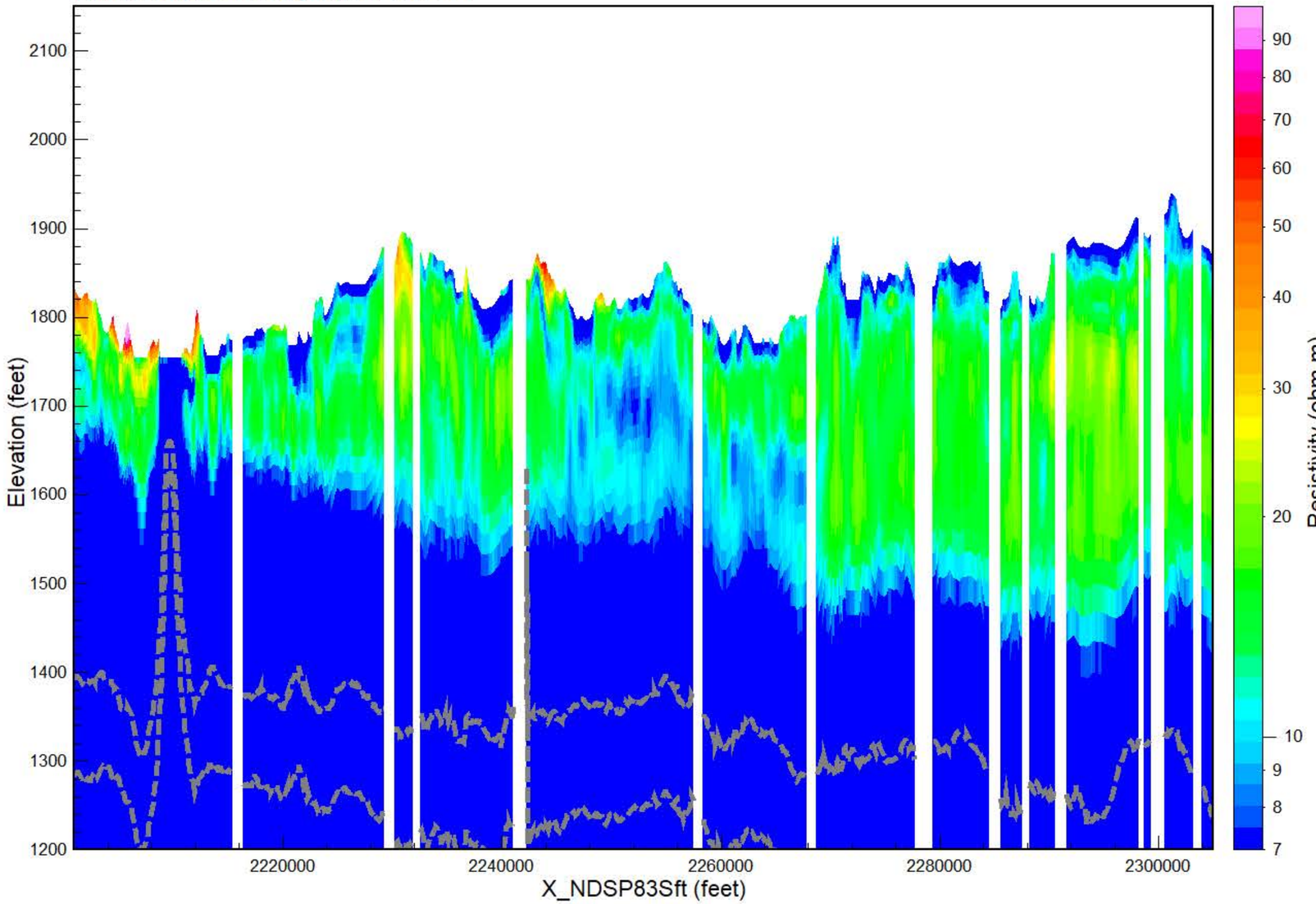
Flight Location Line L102001



AEM Survey Area 1



Final SCI Resistivity Line L102001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

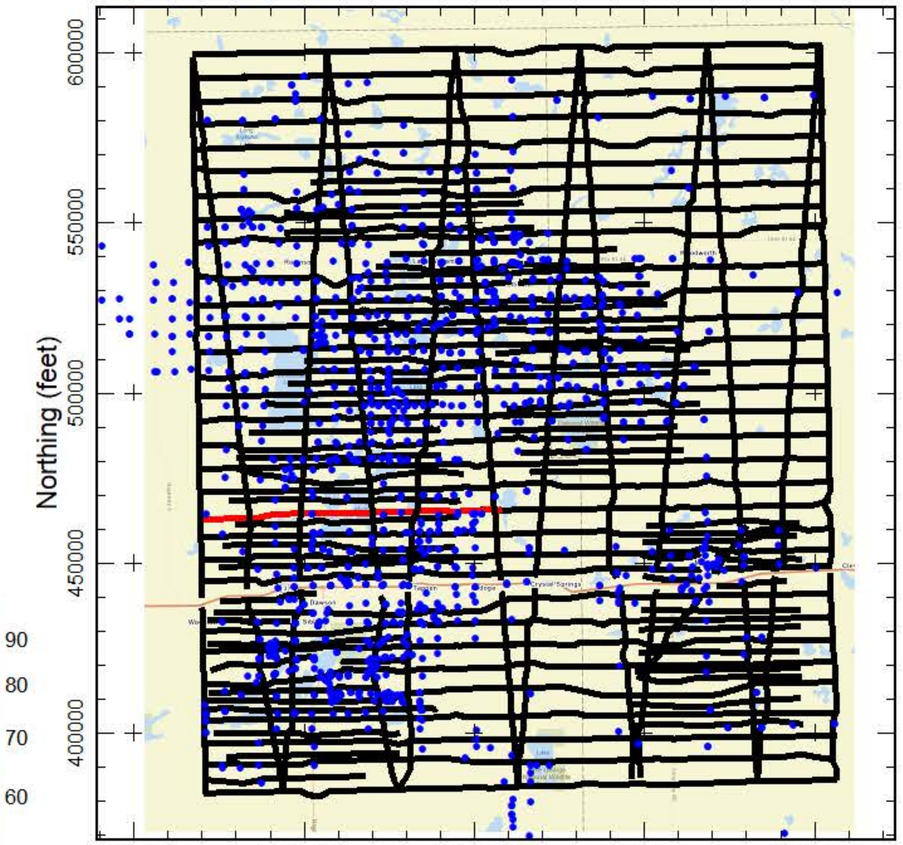
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

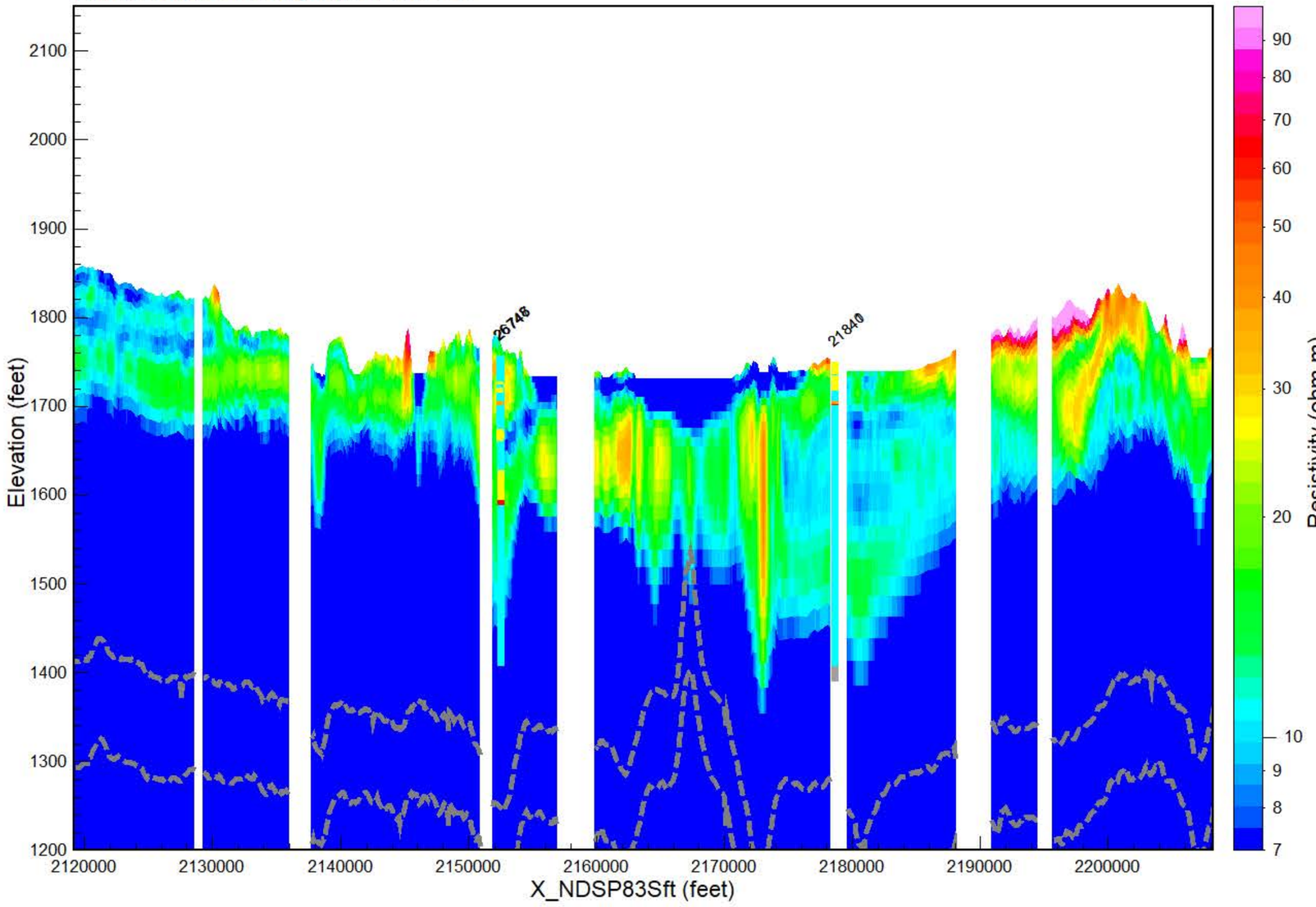
Flight Location Line L102002



AEM Survey Area 1



Final SCI Resistivity Line L102002

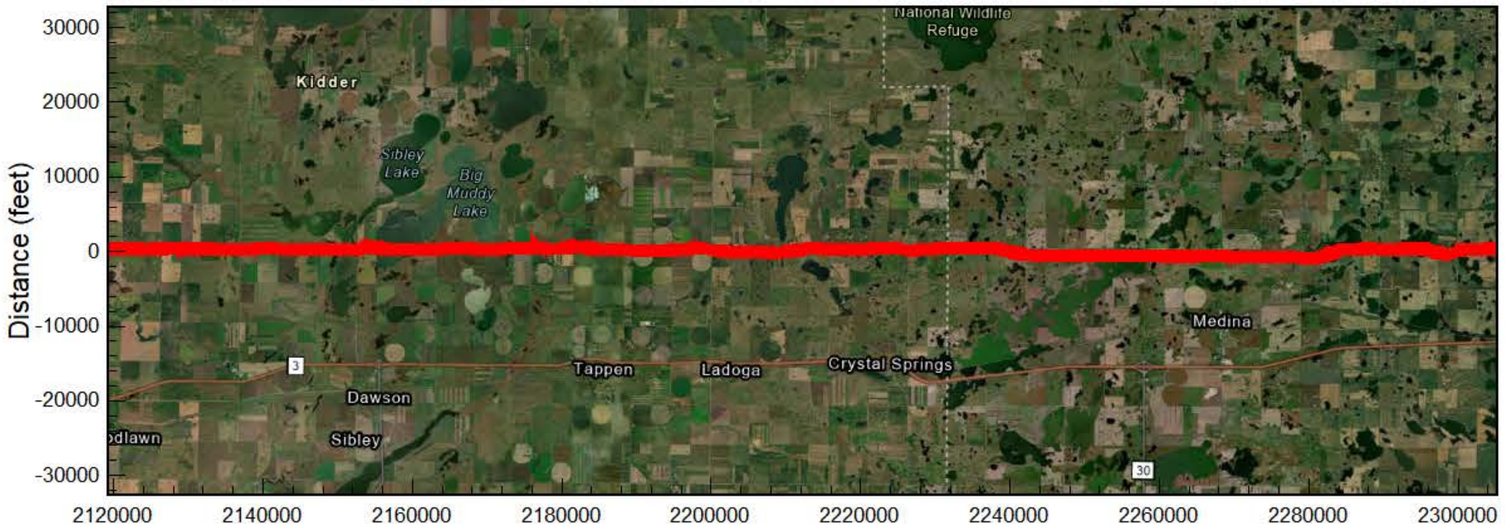


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

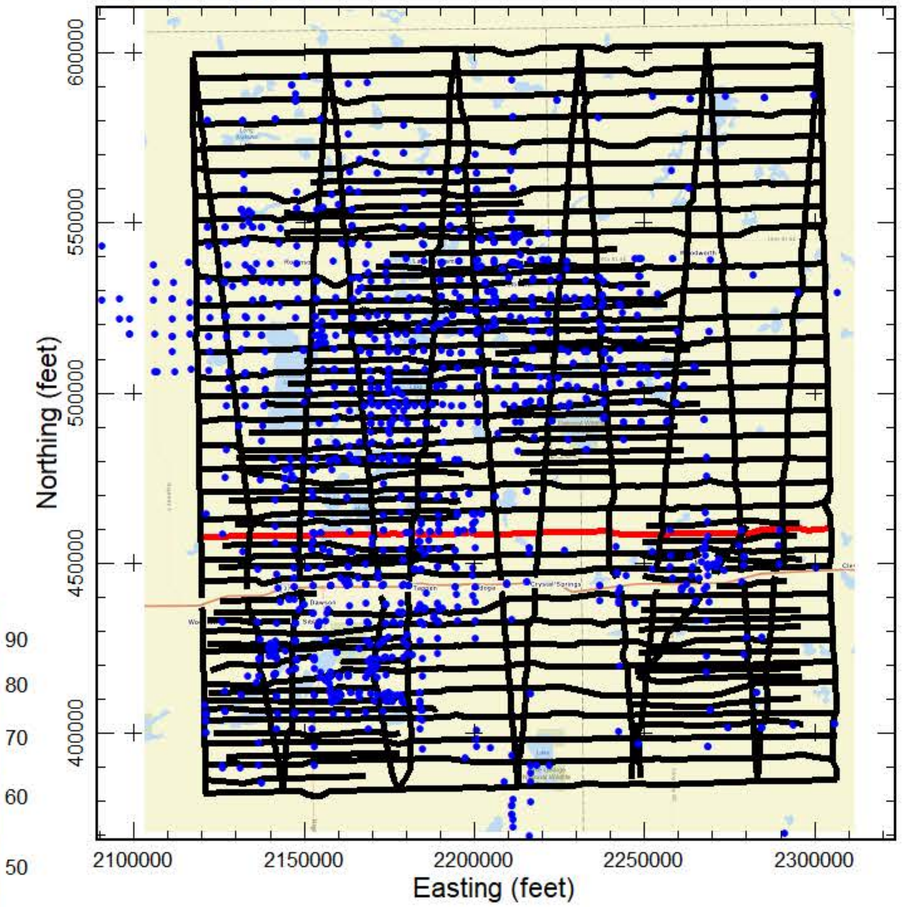
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

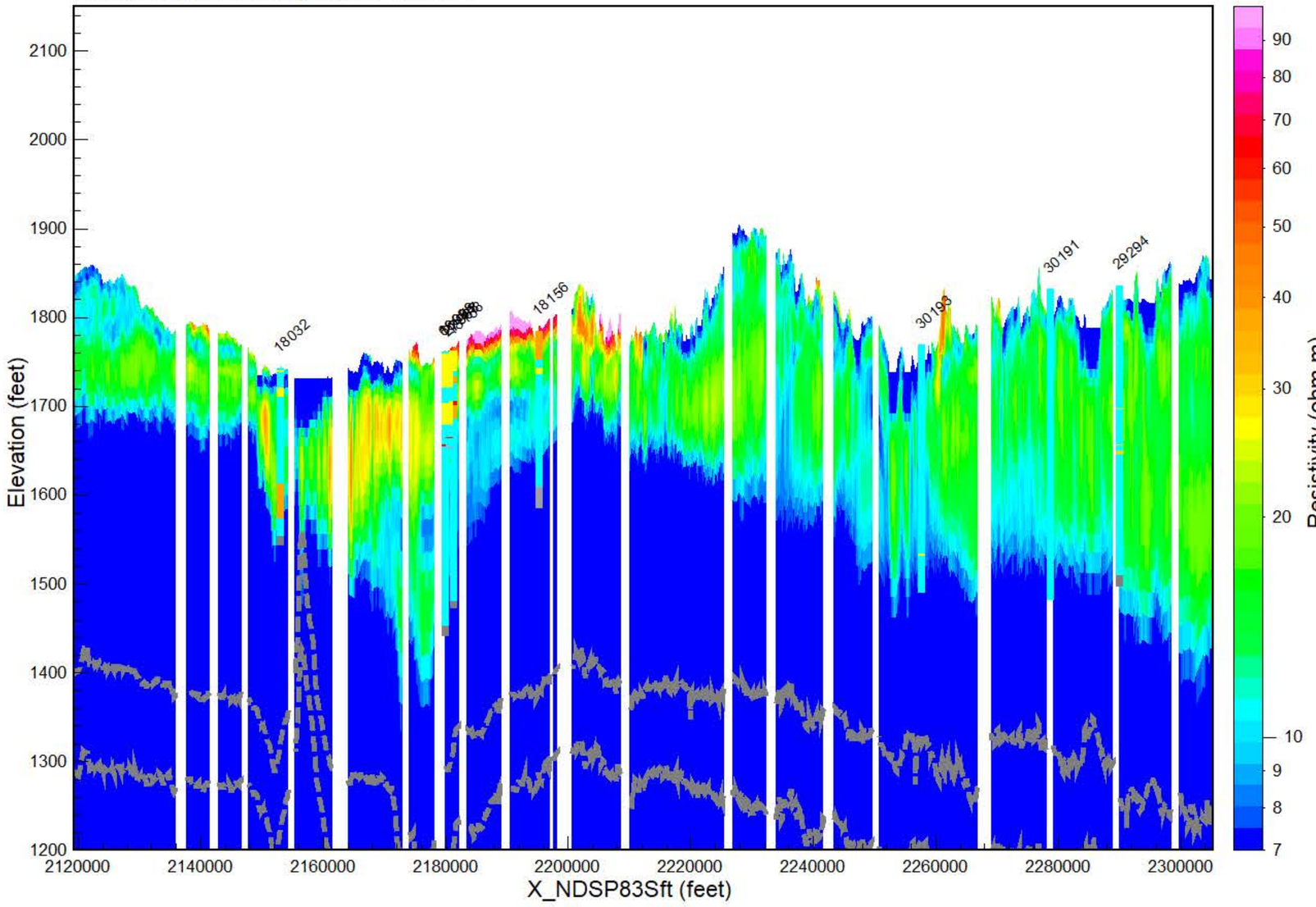
Flight Location Line L102101



AEM Survey Area 1



Final SCI Resistivity Line L102101

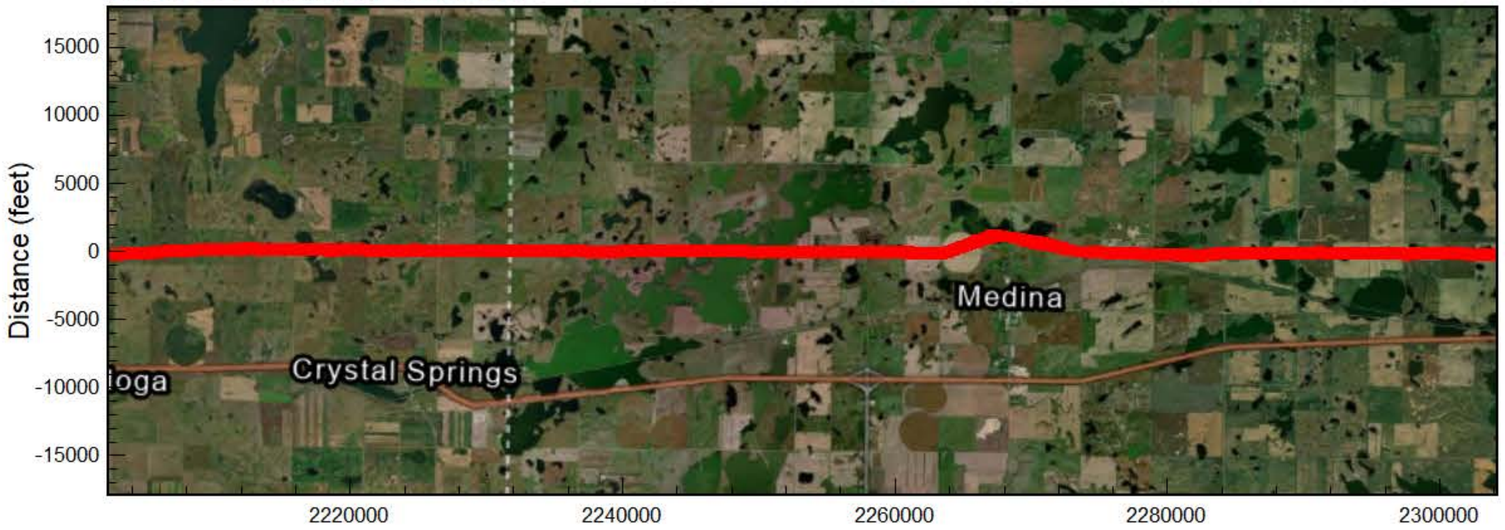


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

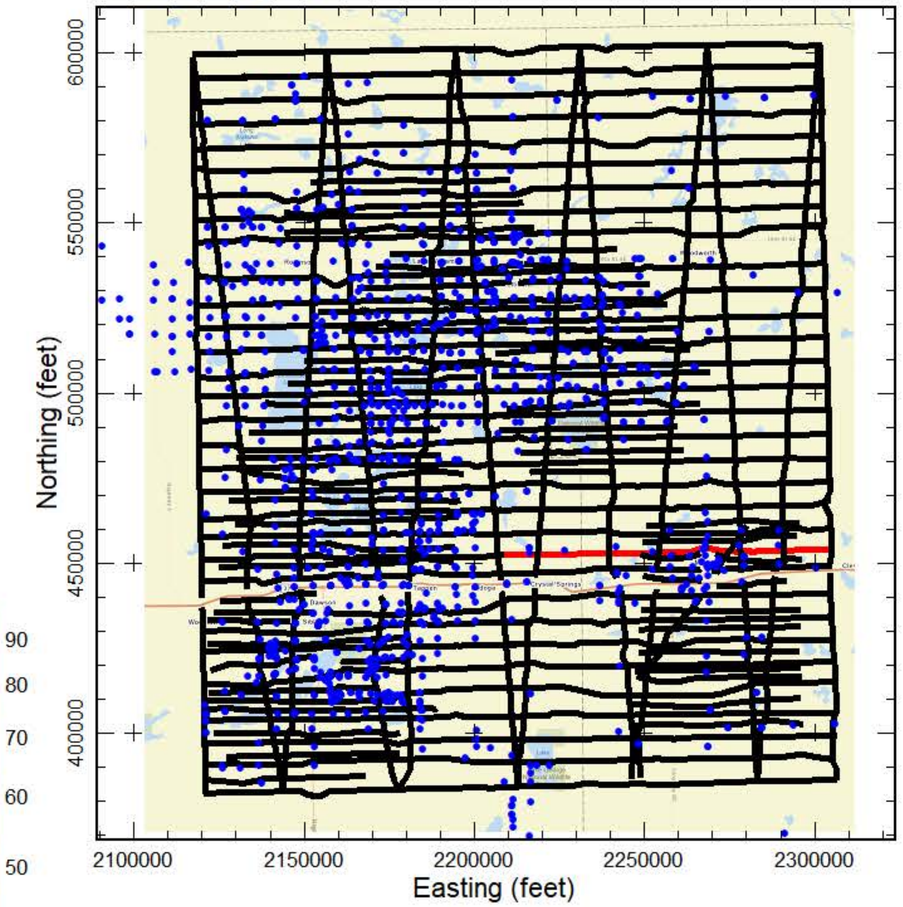
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

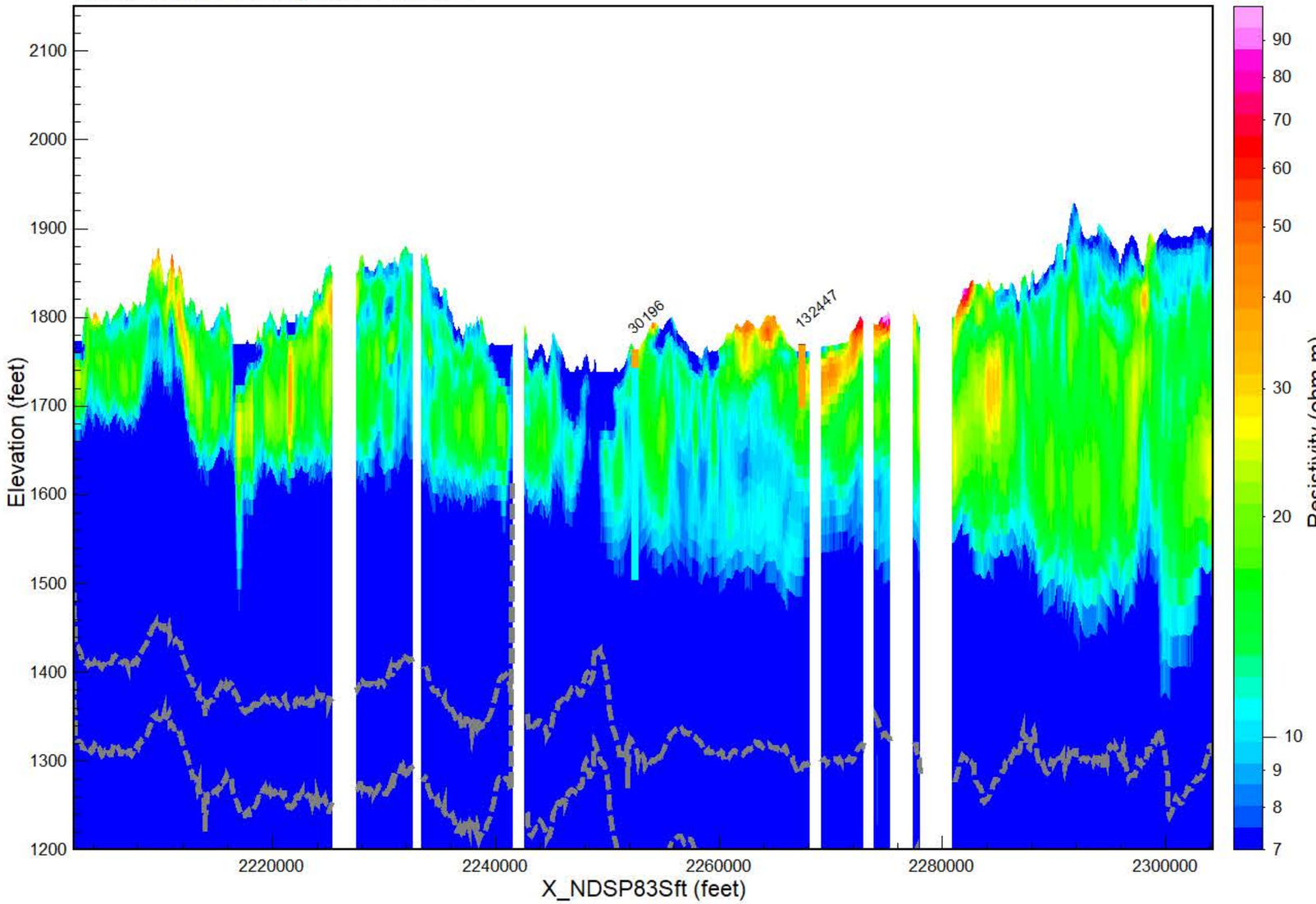
Flight Location Line L102201



AEM Survey Area 1



Final SCI Resistivity Line L102201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

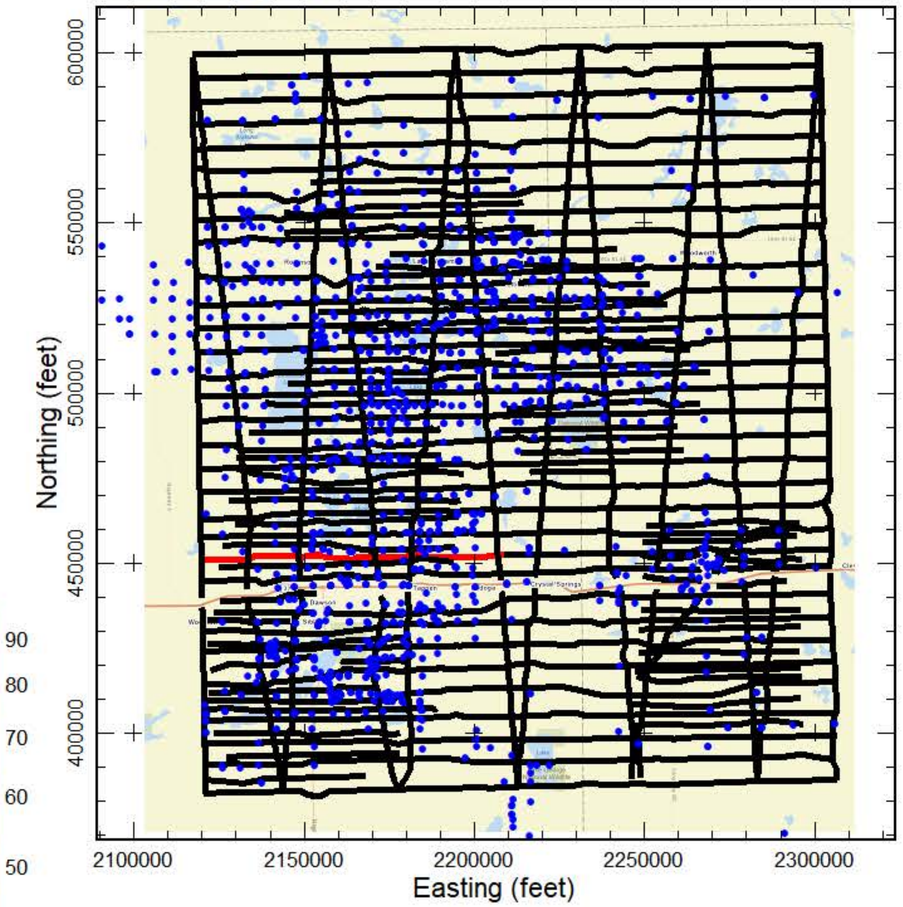
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

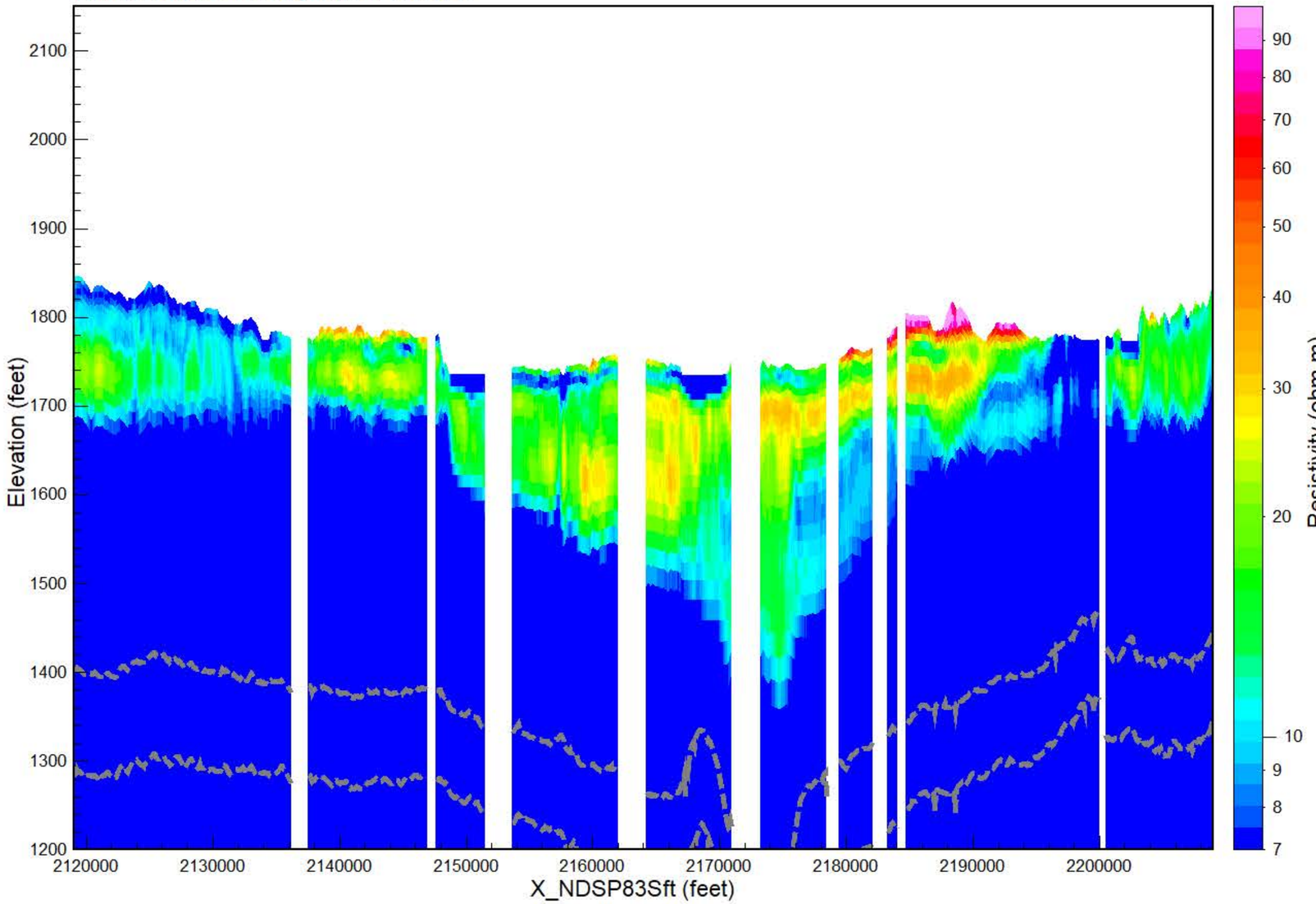
Flight Location Line L102202



AEM Survey Area 1



Final SCI Resistivity Line L102202

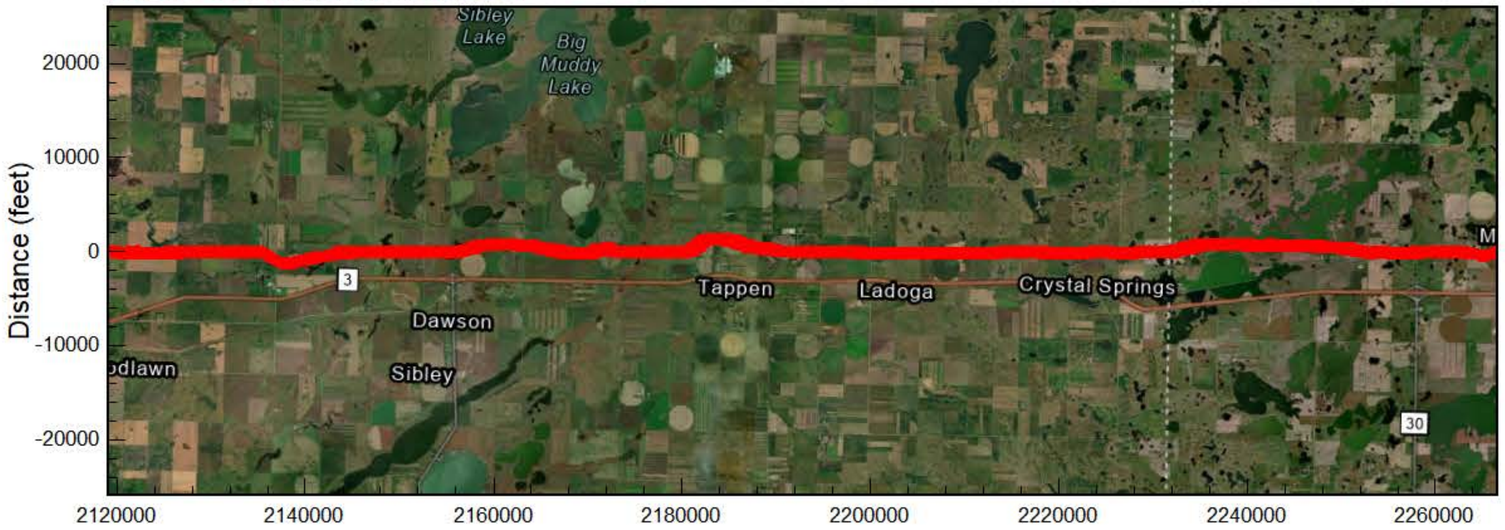


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

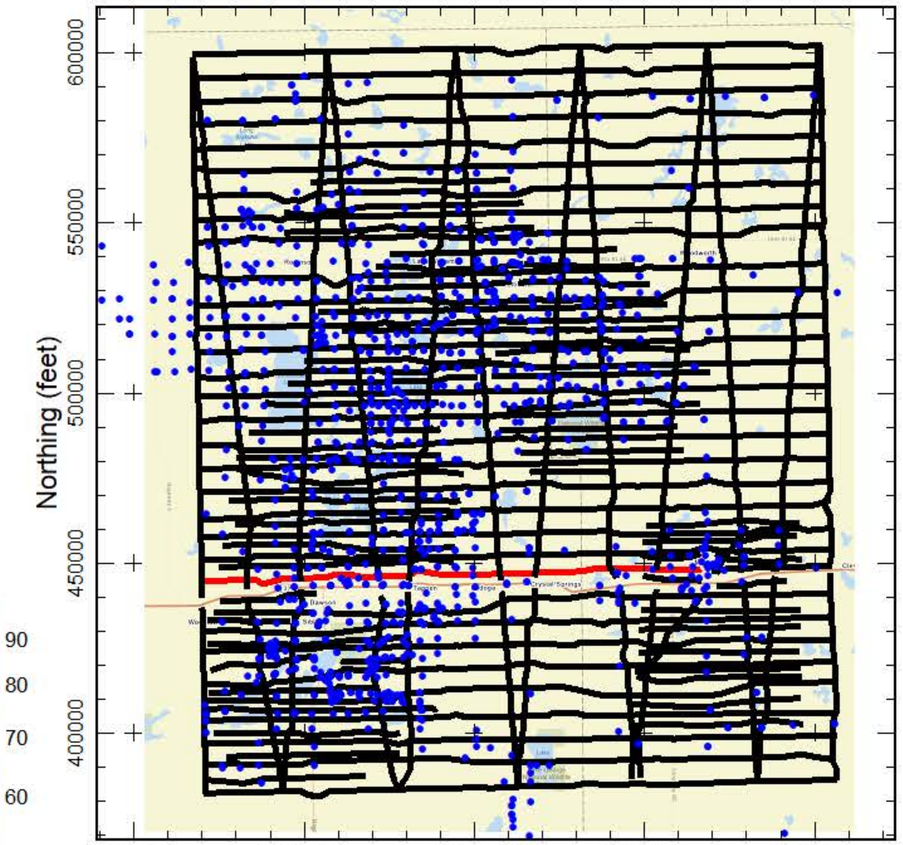
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

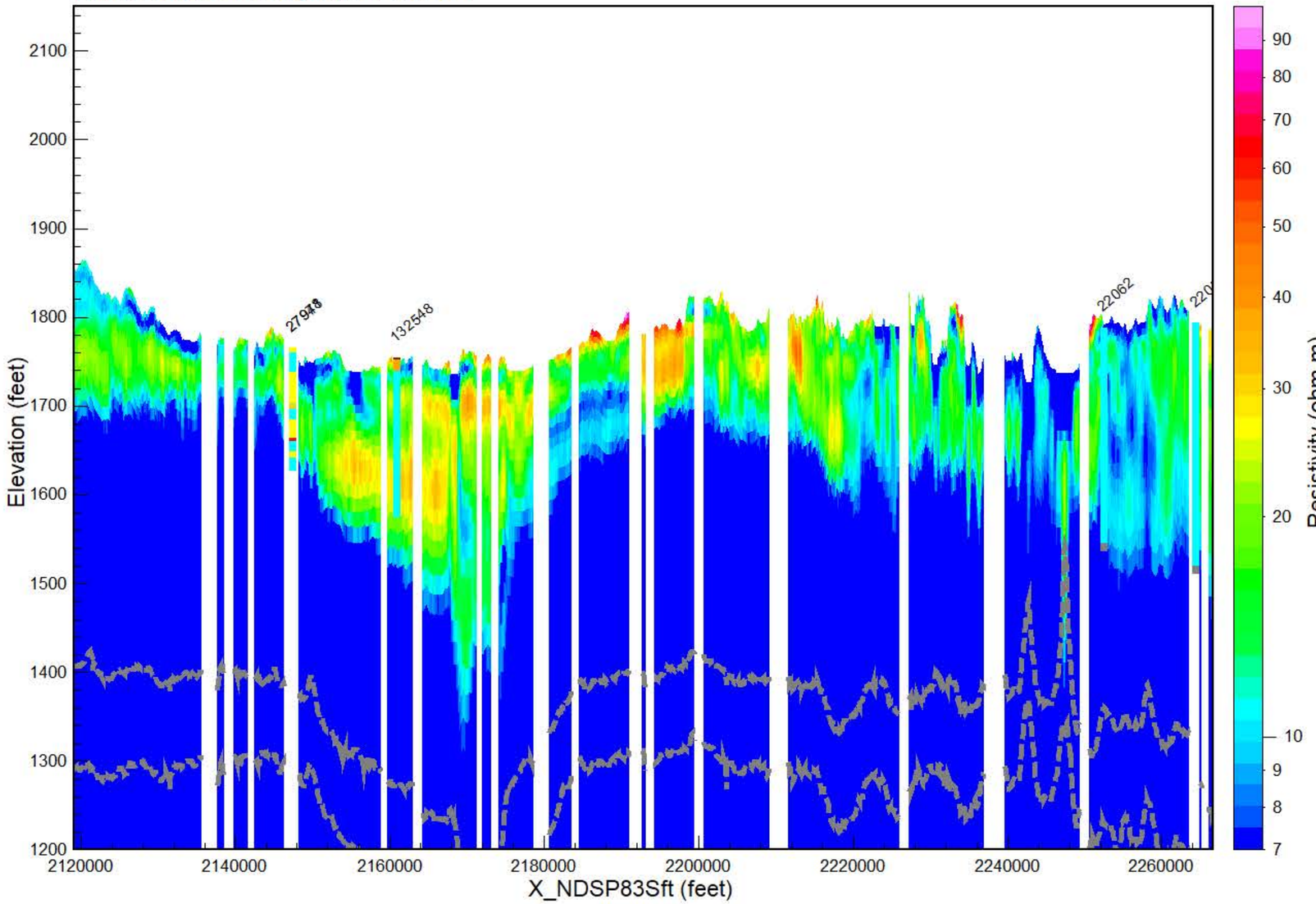
Flight Location Line L102301



AEM Survey Area 1



Final SCI Resistivity Line L102301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

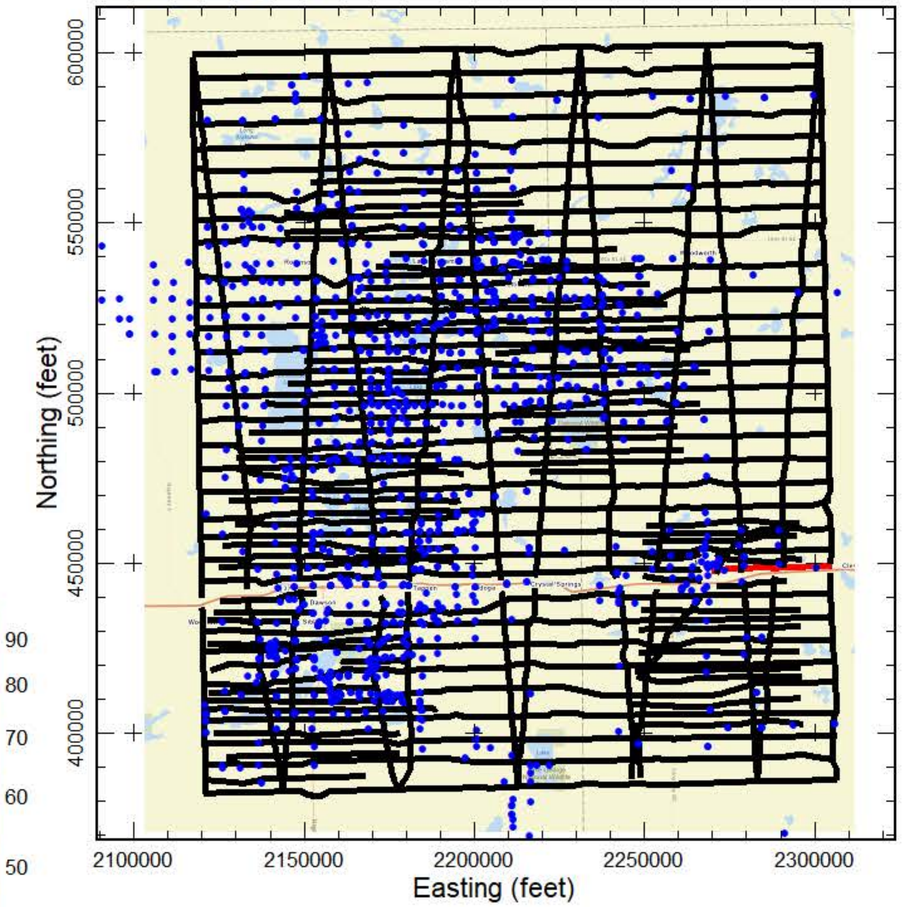
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

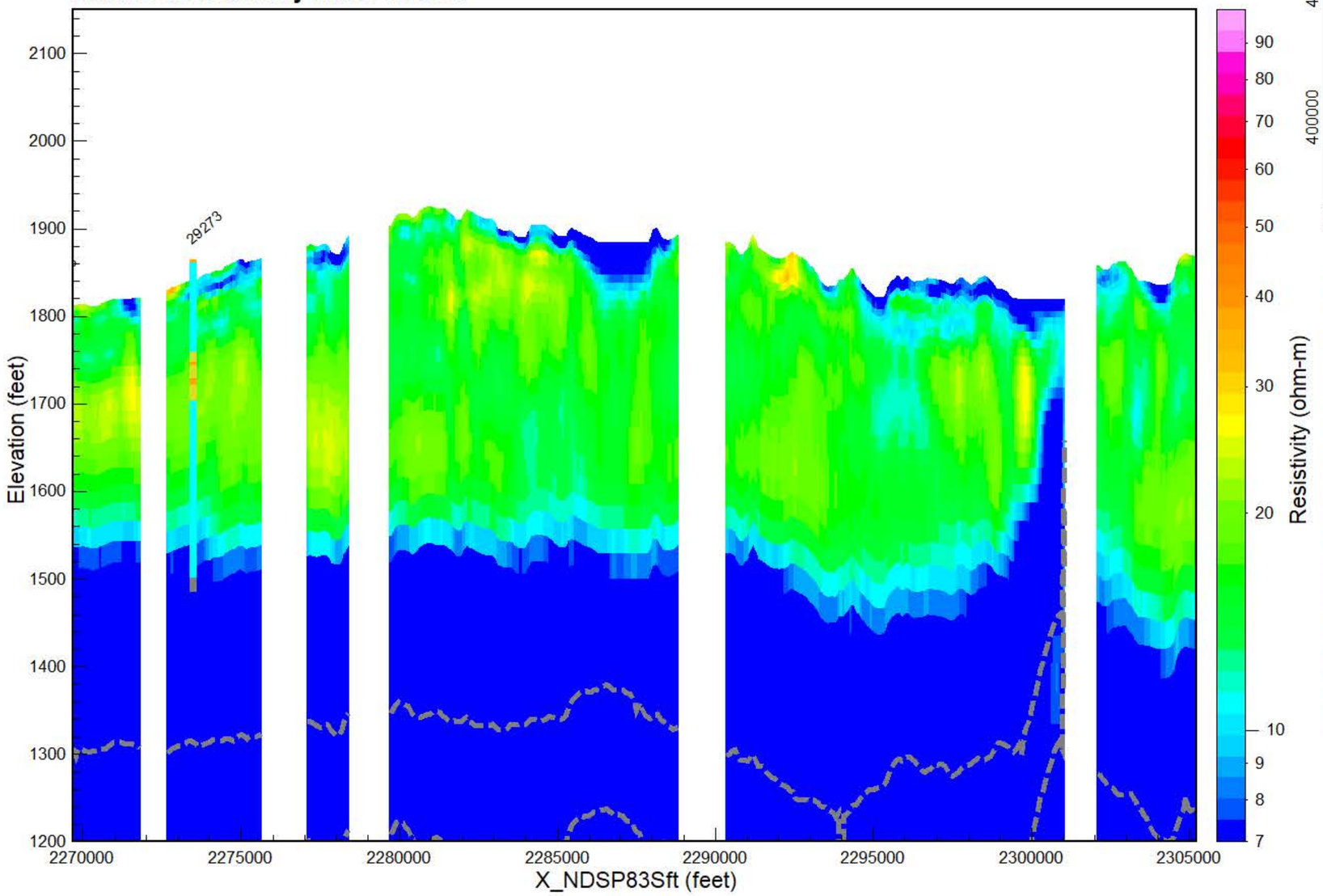
Flight Location Line L102302



AEM Survey Area 1



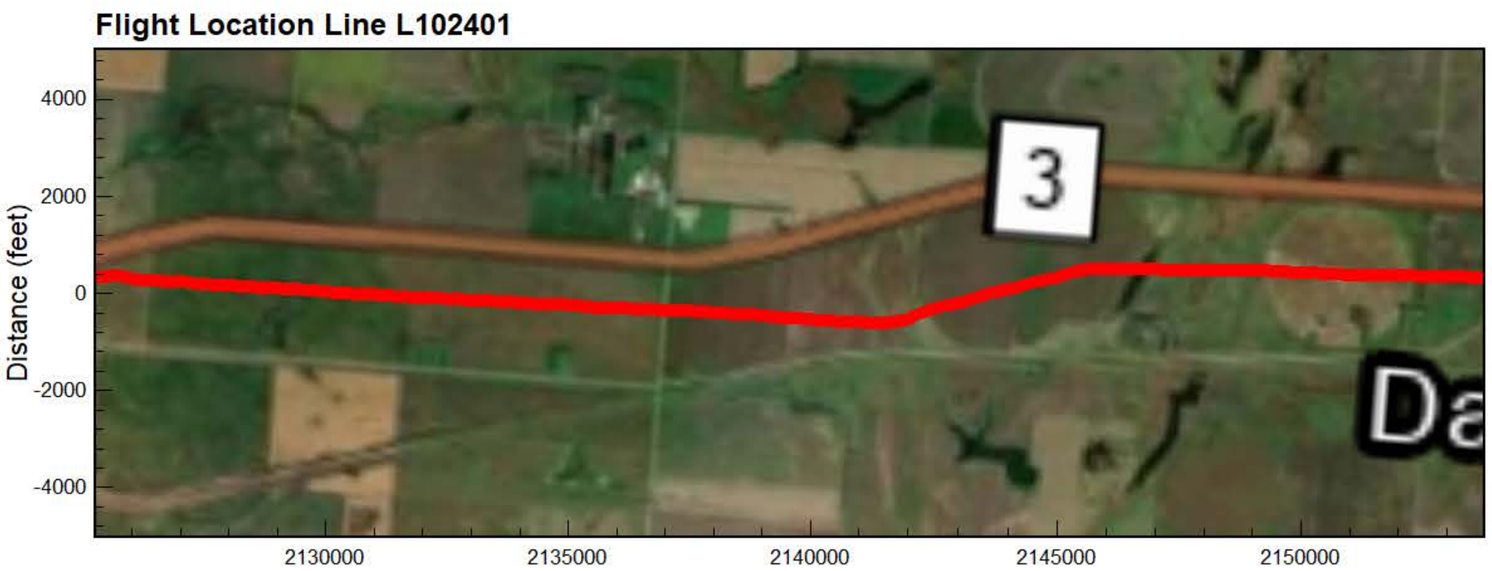
Final SCI Resistivity Line L102302

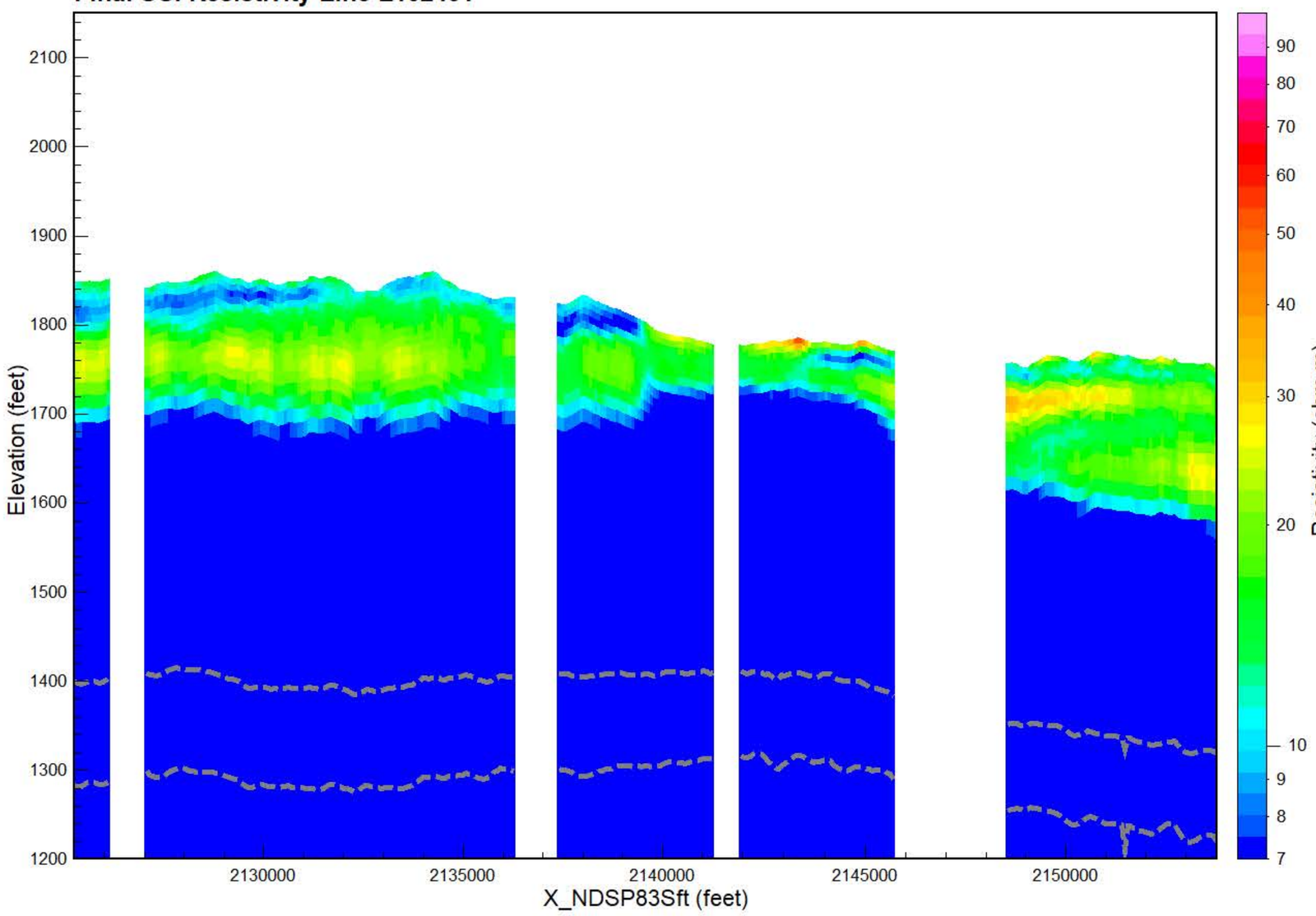


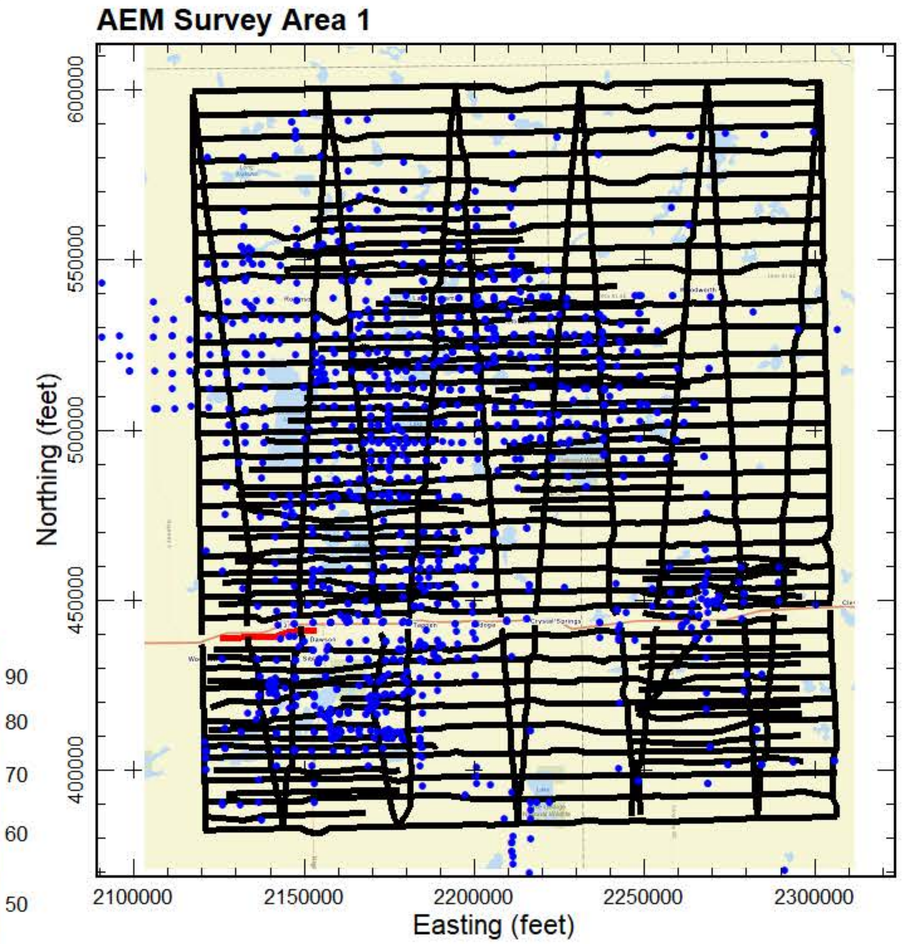
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks





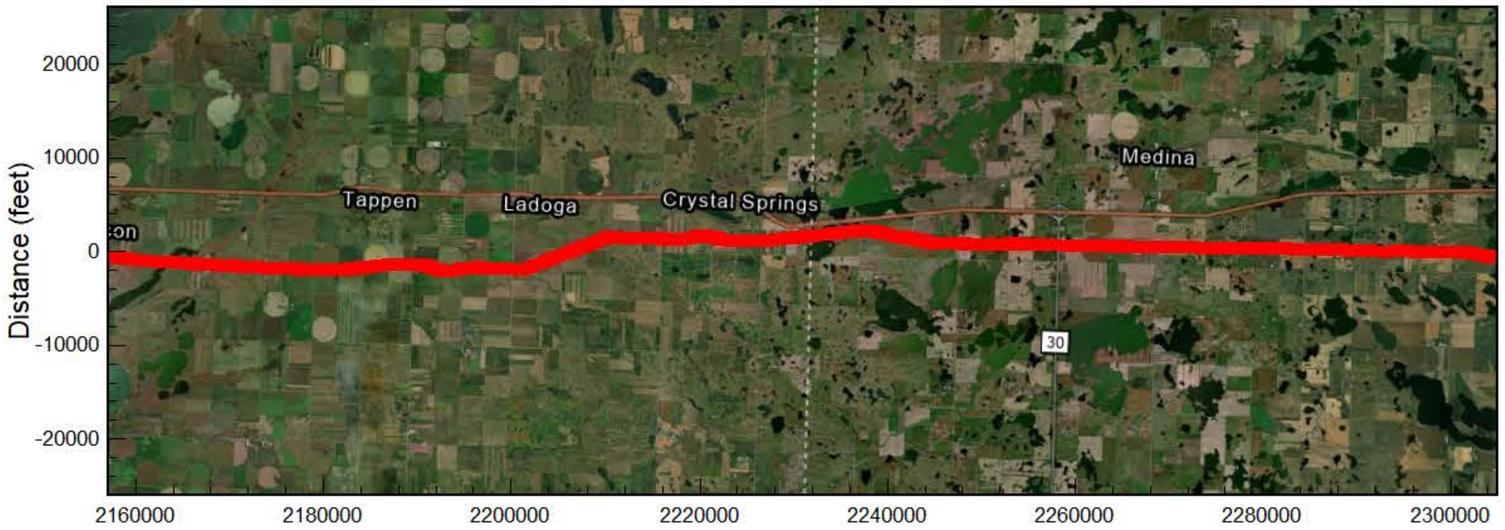


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

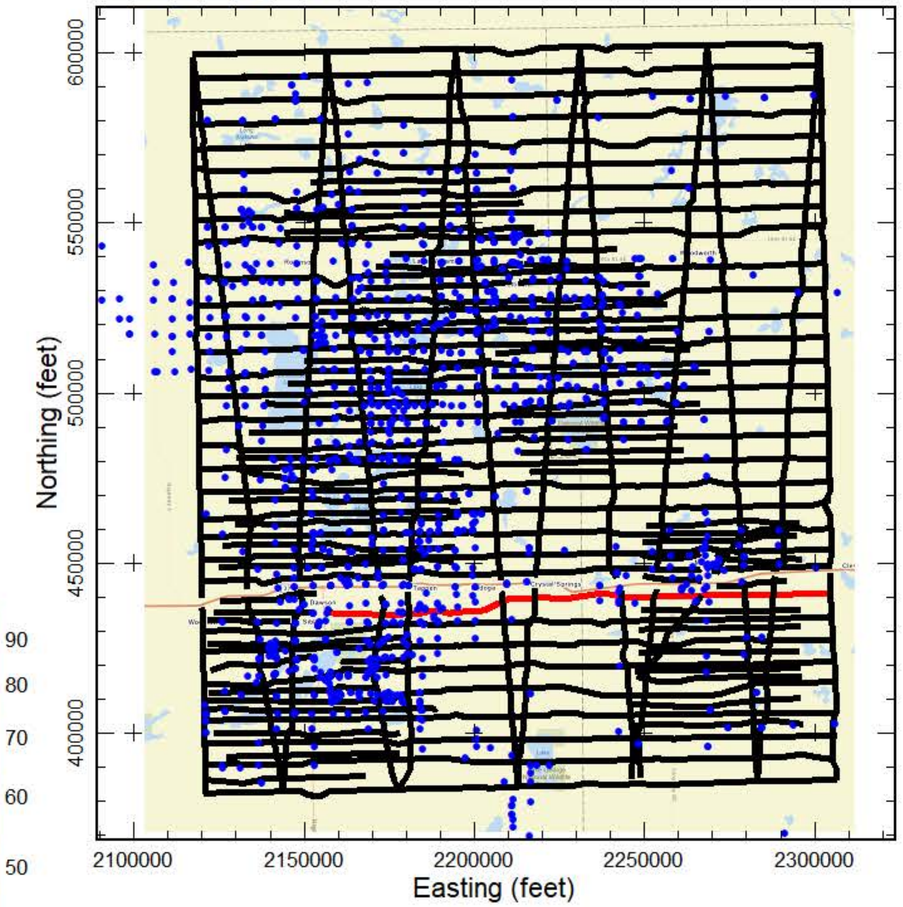
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

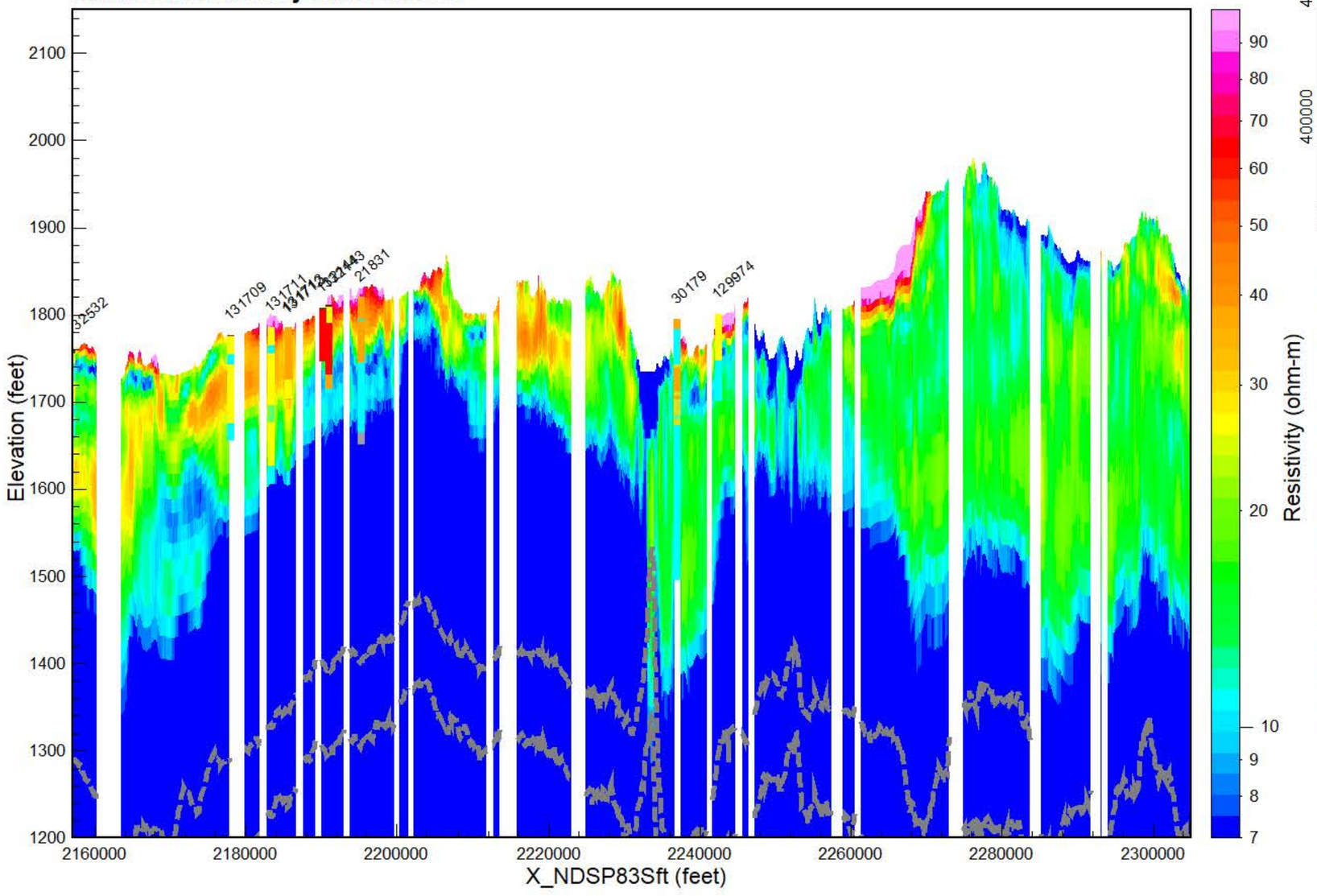
Flight Location Line L102402



AEM Survey Area 1



Final SCI Resistivity Line L102402

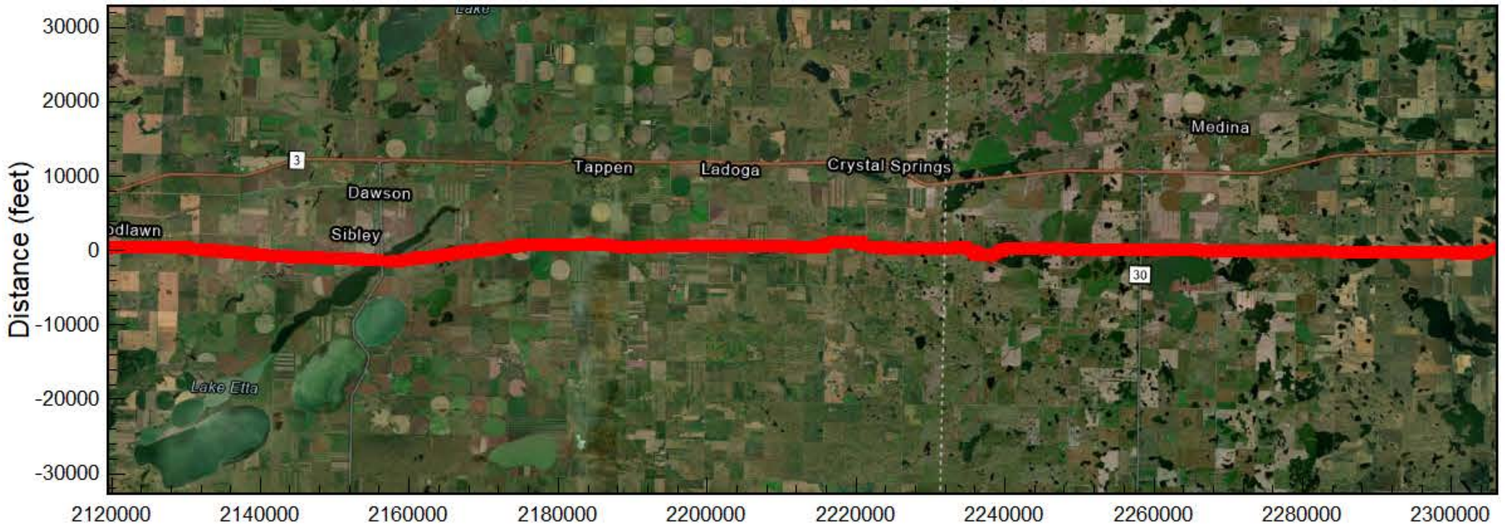


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

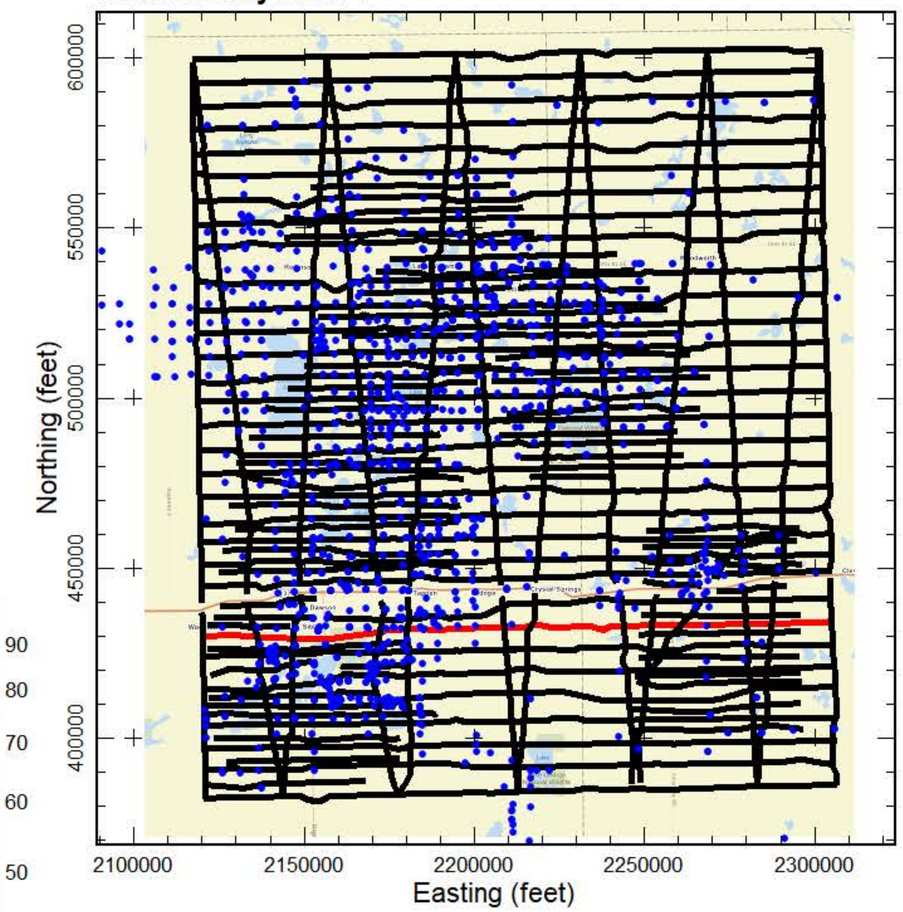
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

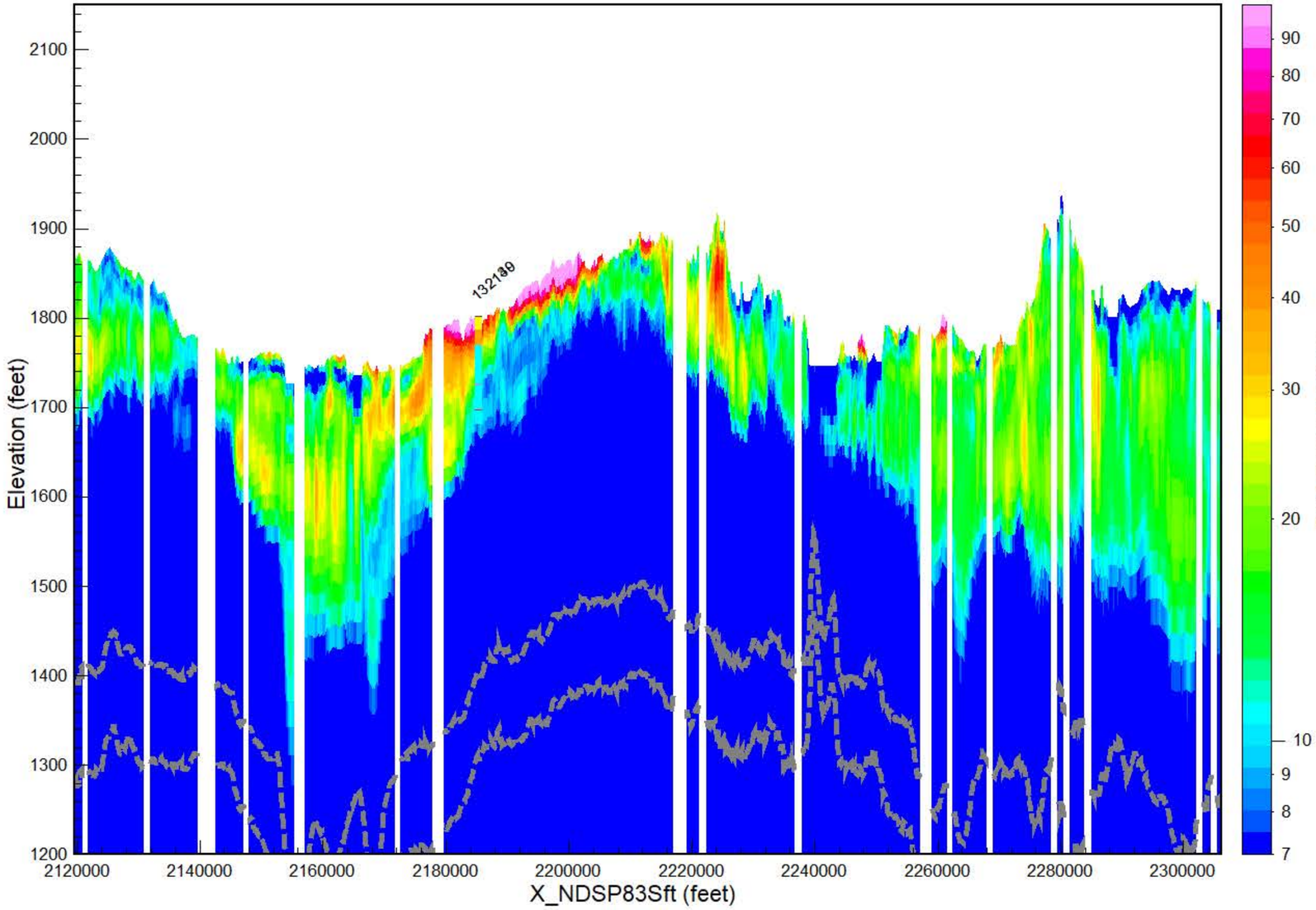
Flight Location Line L102501



AEM Survey Area 1



Final SCI Resistivity Line L102501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

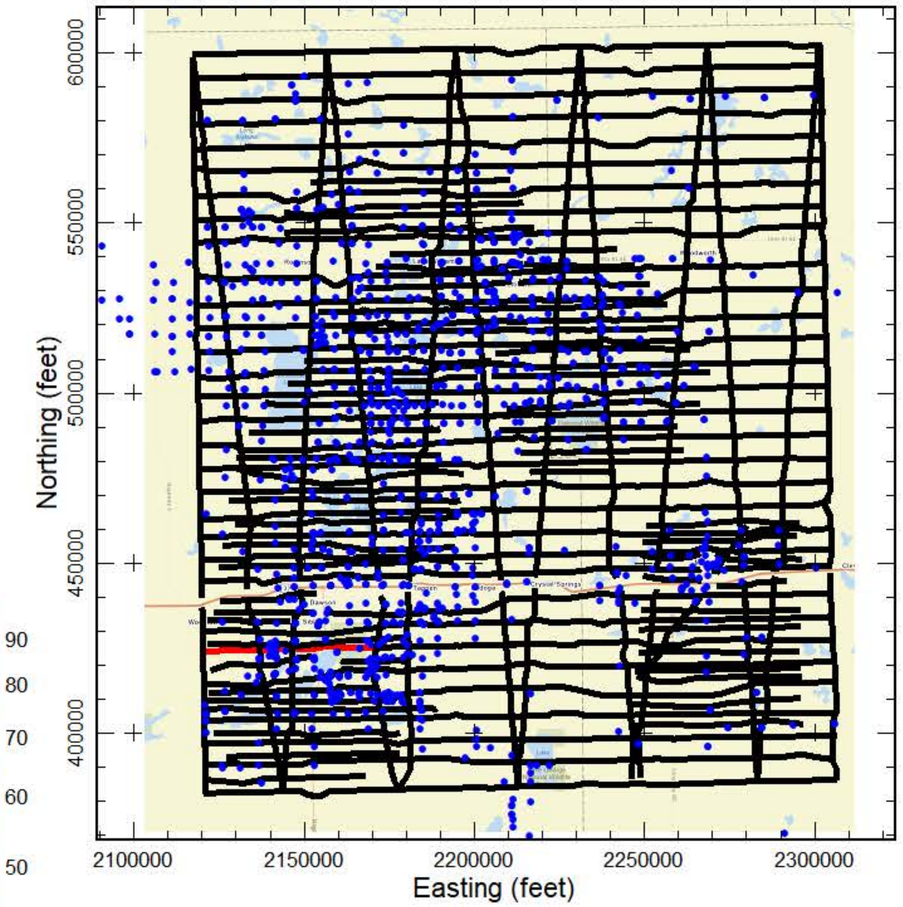
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

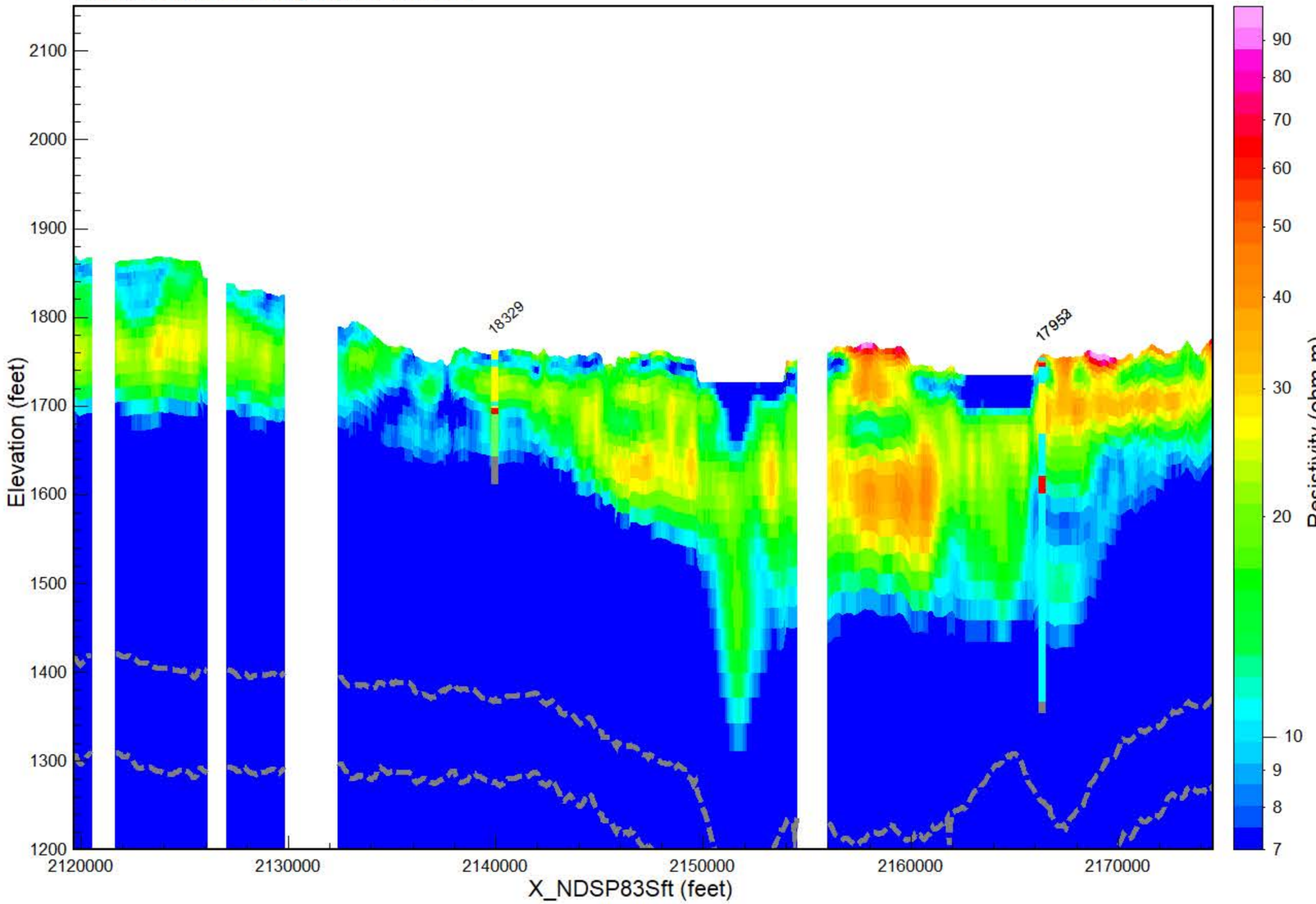
Flight Location Line L102601



AEM Survey Area 1



Final SCI Resistivity Line L102601

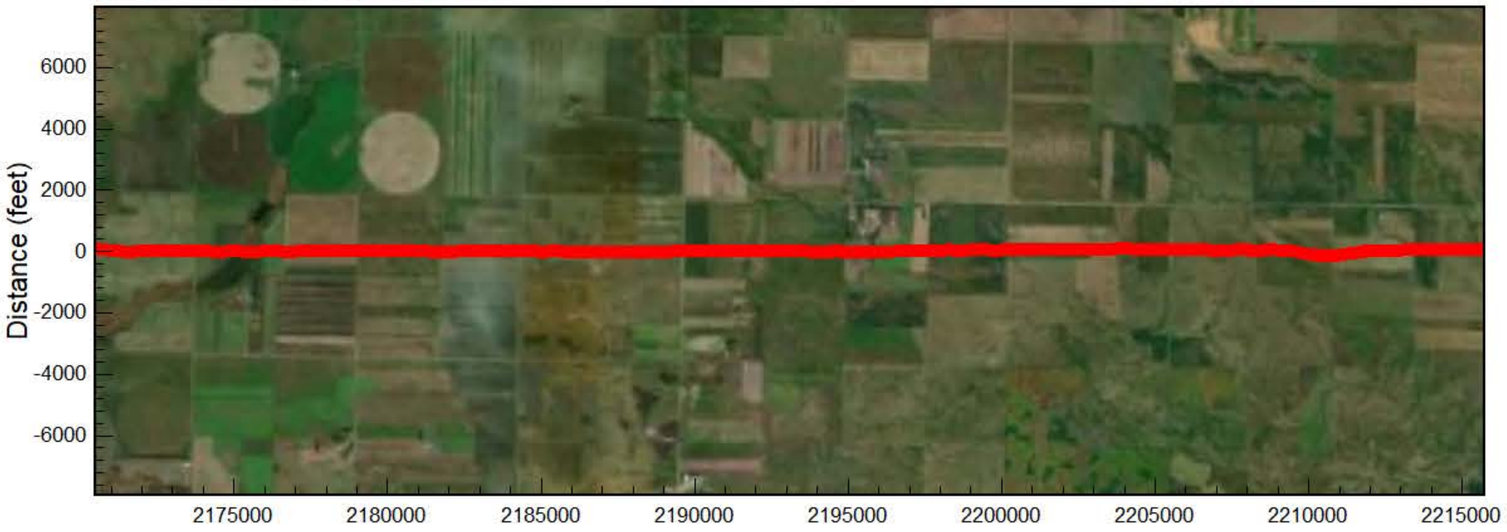


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

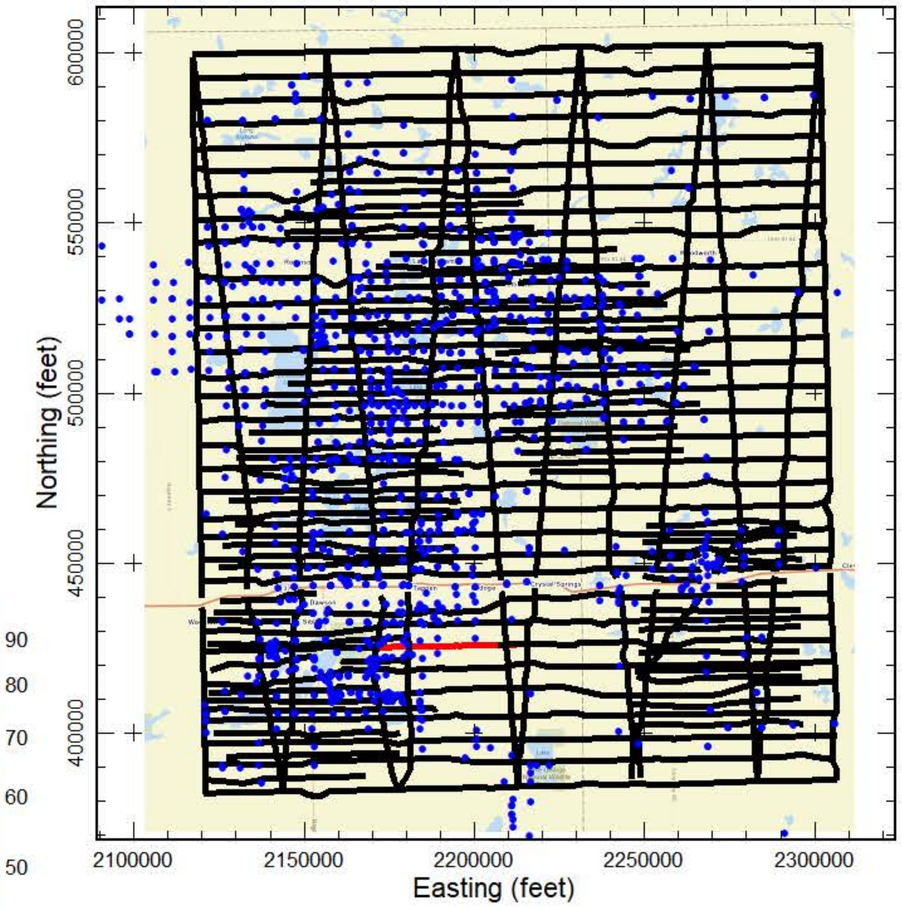
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

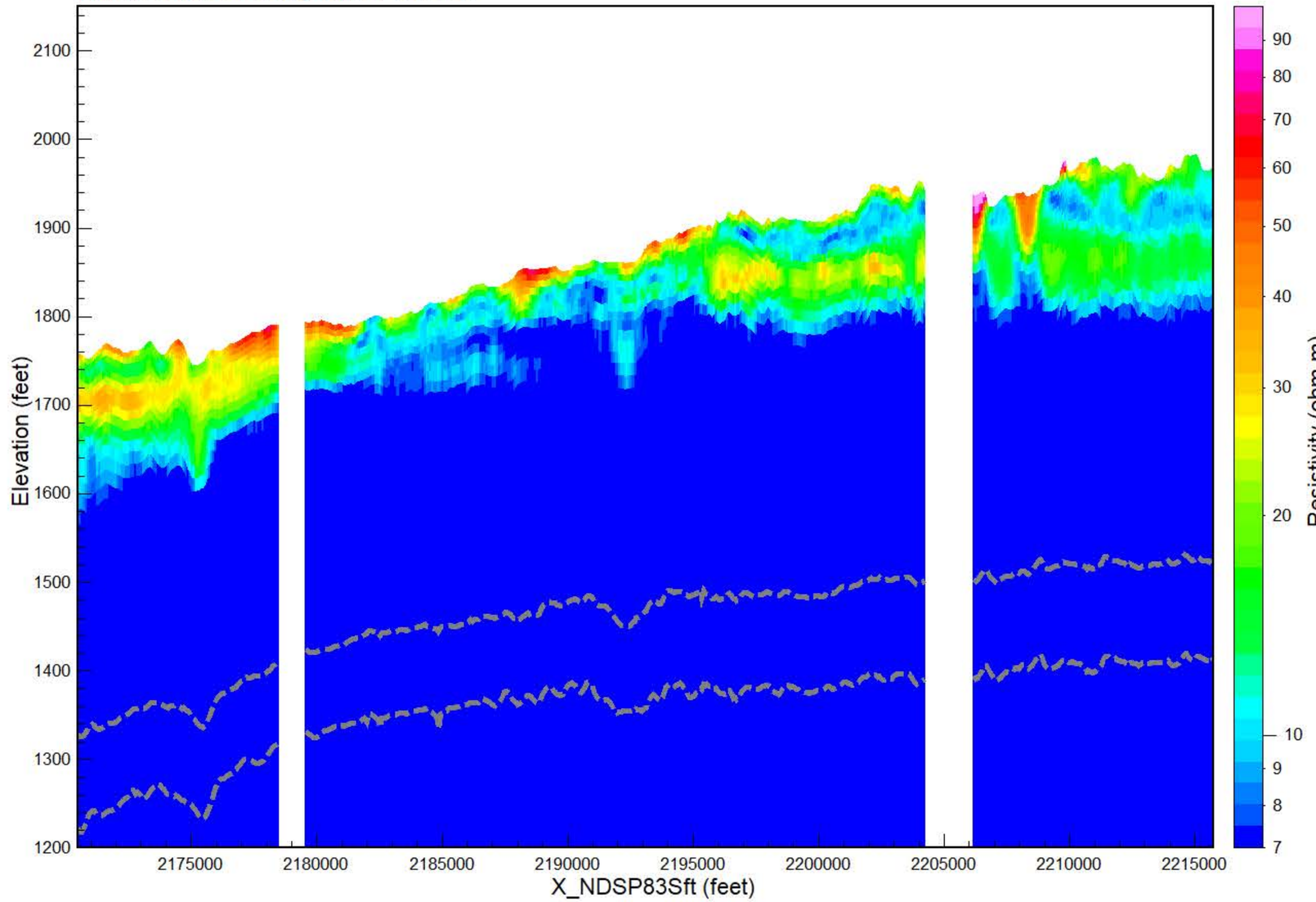
Flight Location Line L102602



AEM Survey Area 1



Final SCI Resistivity Line L102602

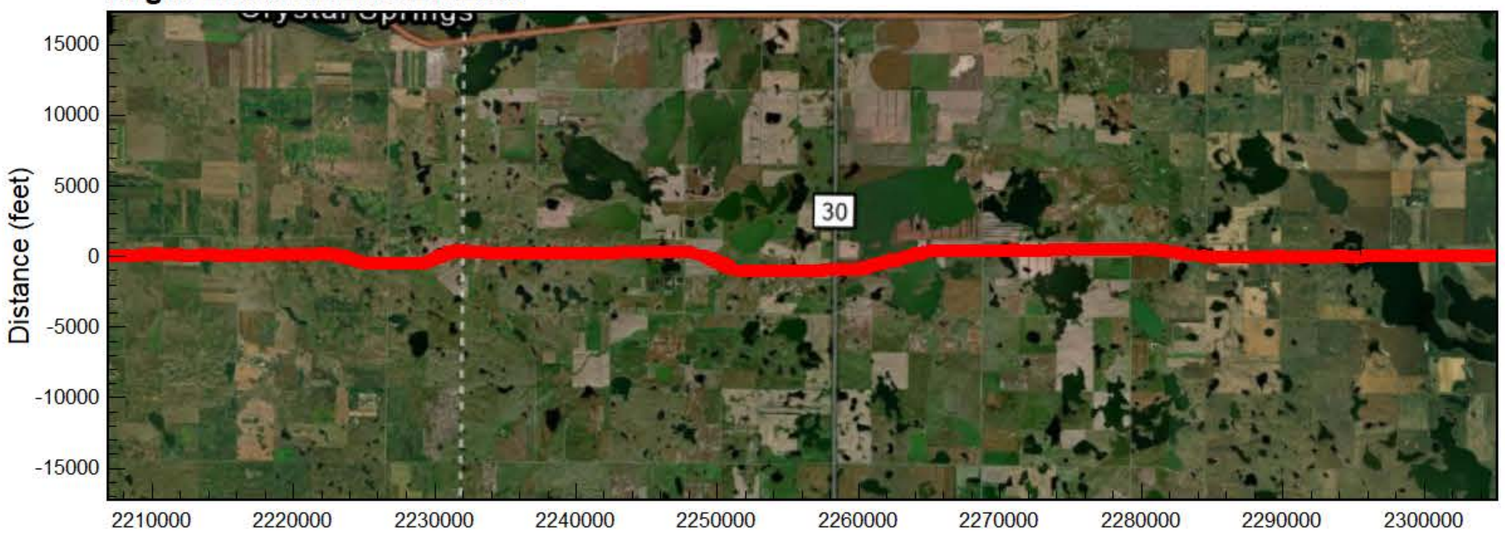


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

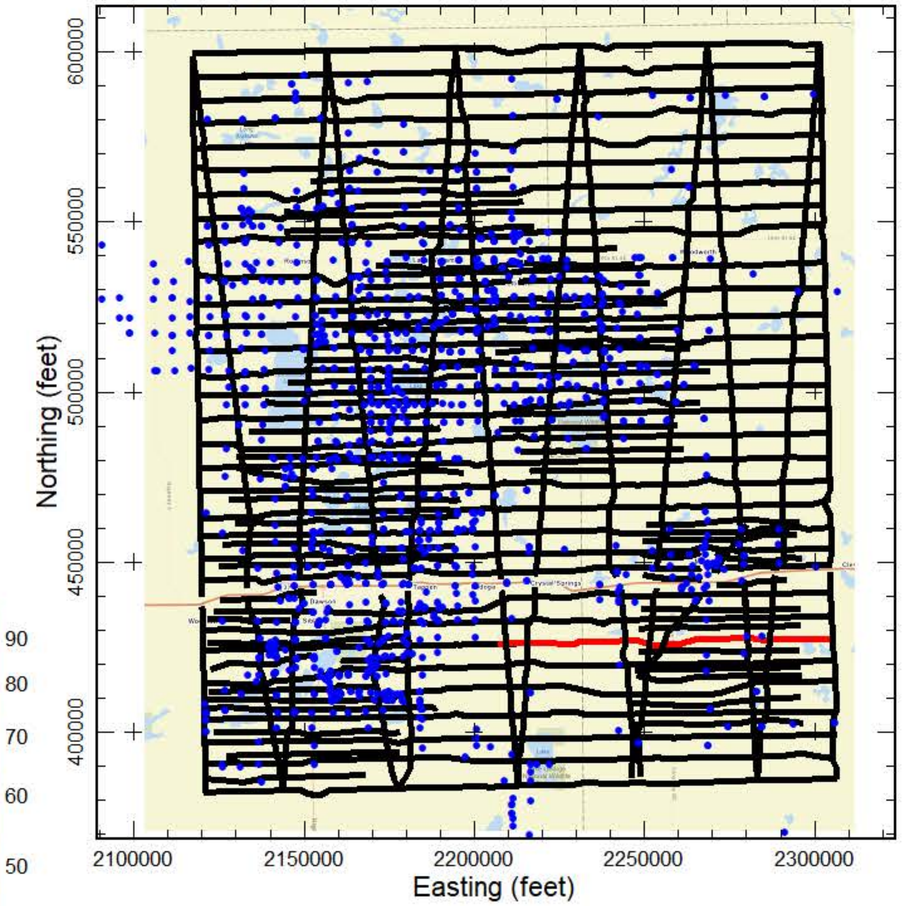
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

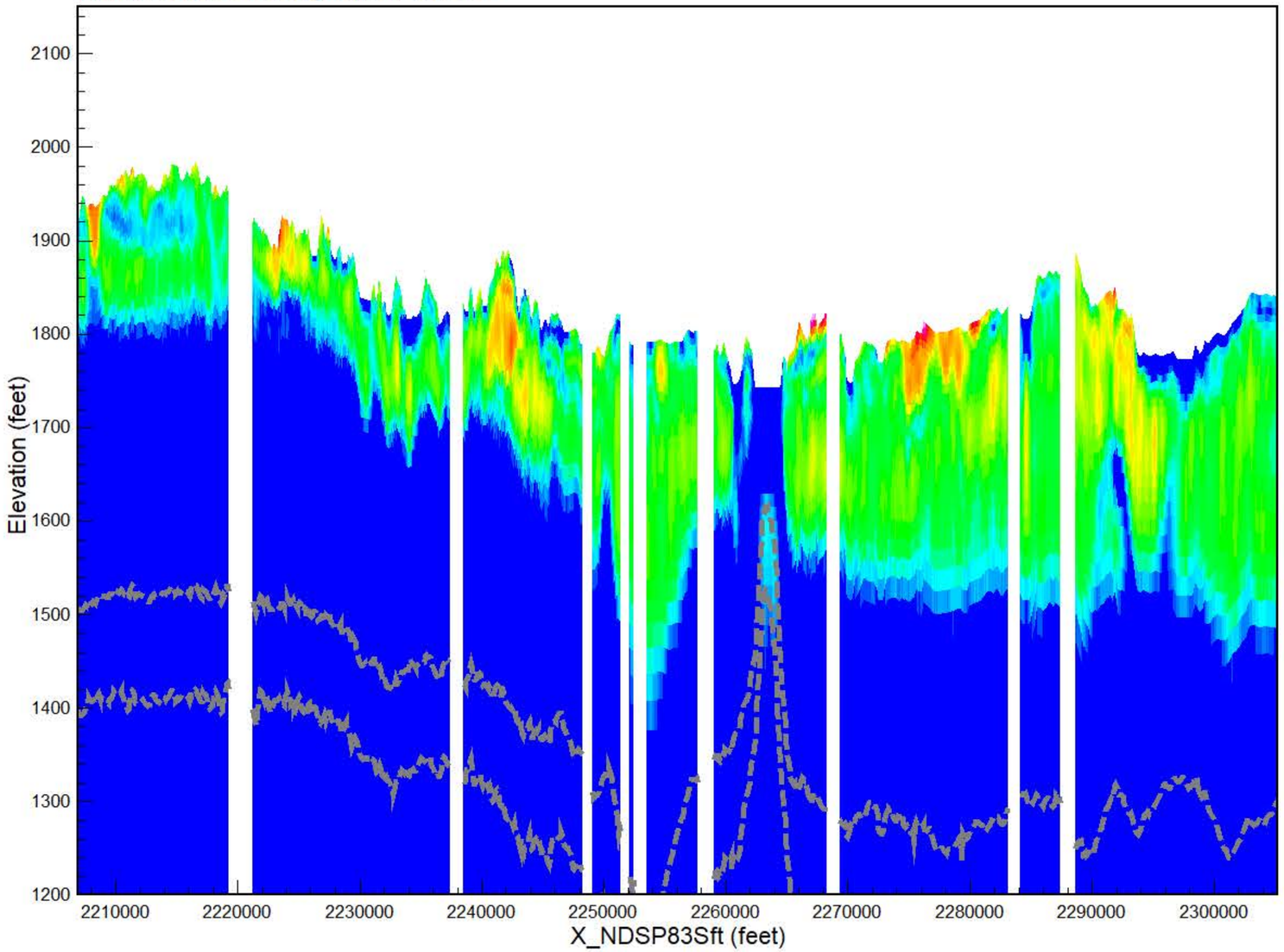
Flight Location Line L102603

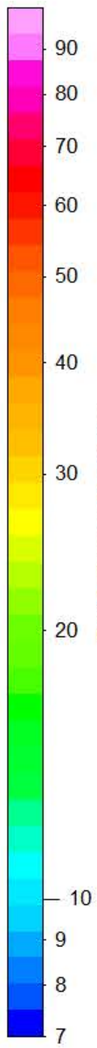


AEM Survey Area 1



Final SCI Resistivity Line L102603



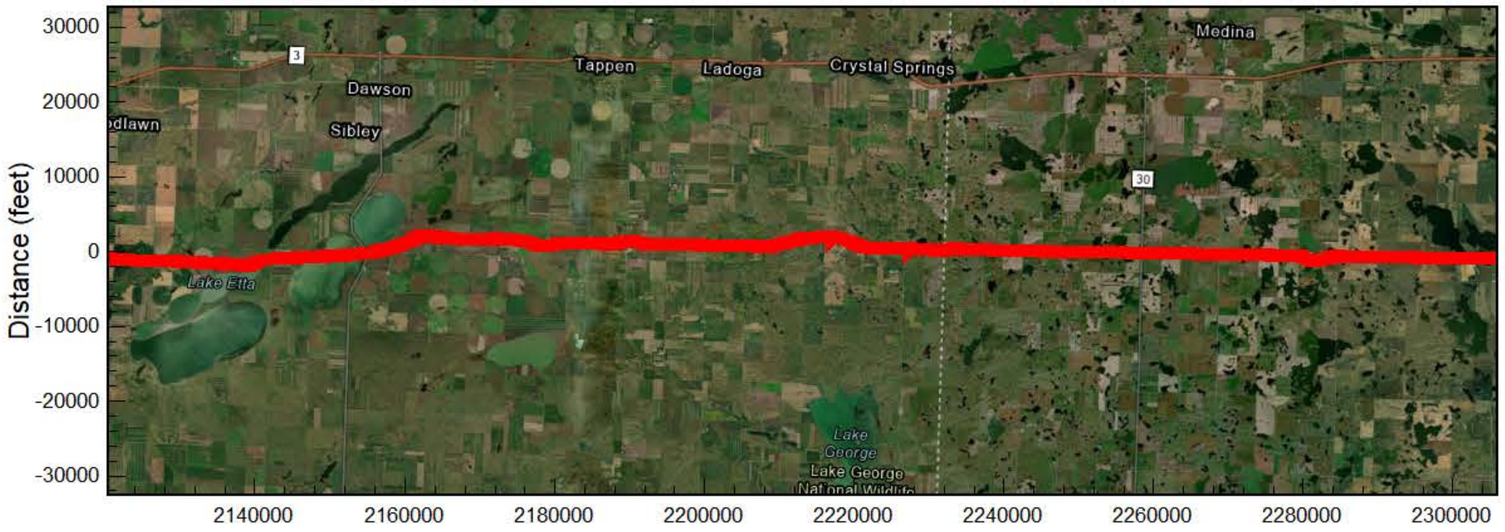


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

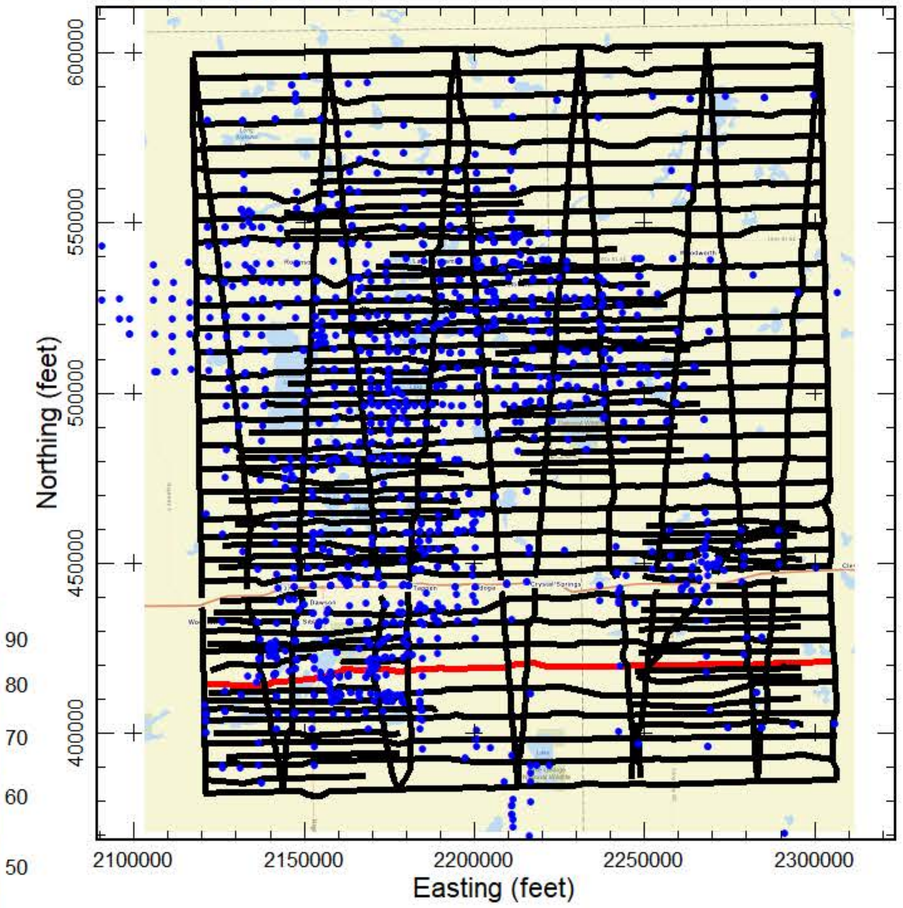
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

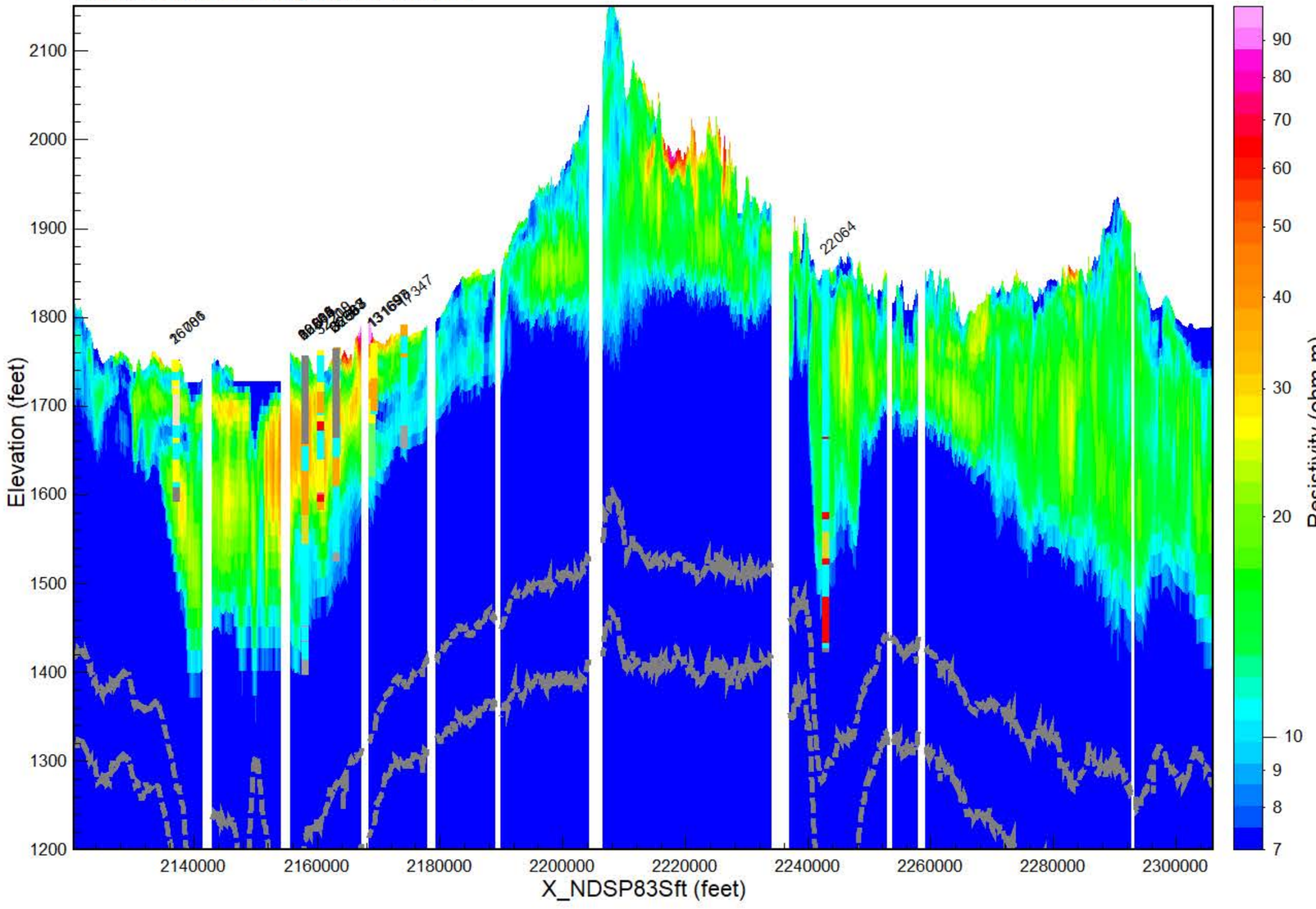
Flight Location Line L102701



AEM Survey Area 1



Final SCI Resistivity Line L102701

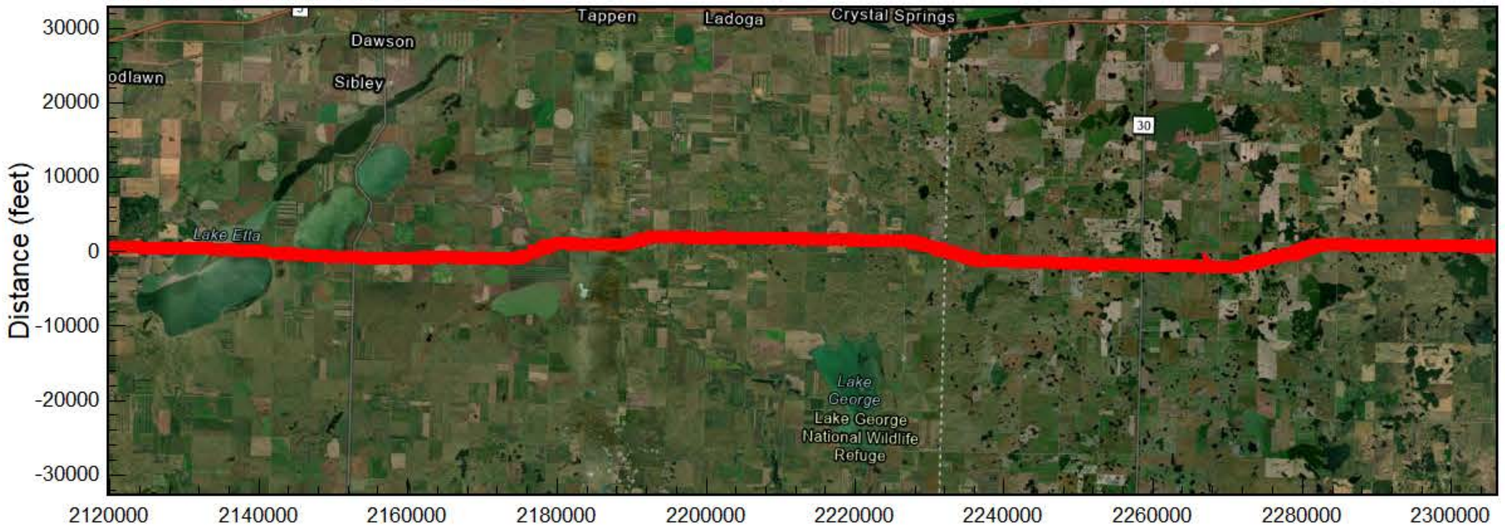


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

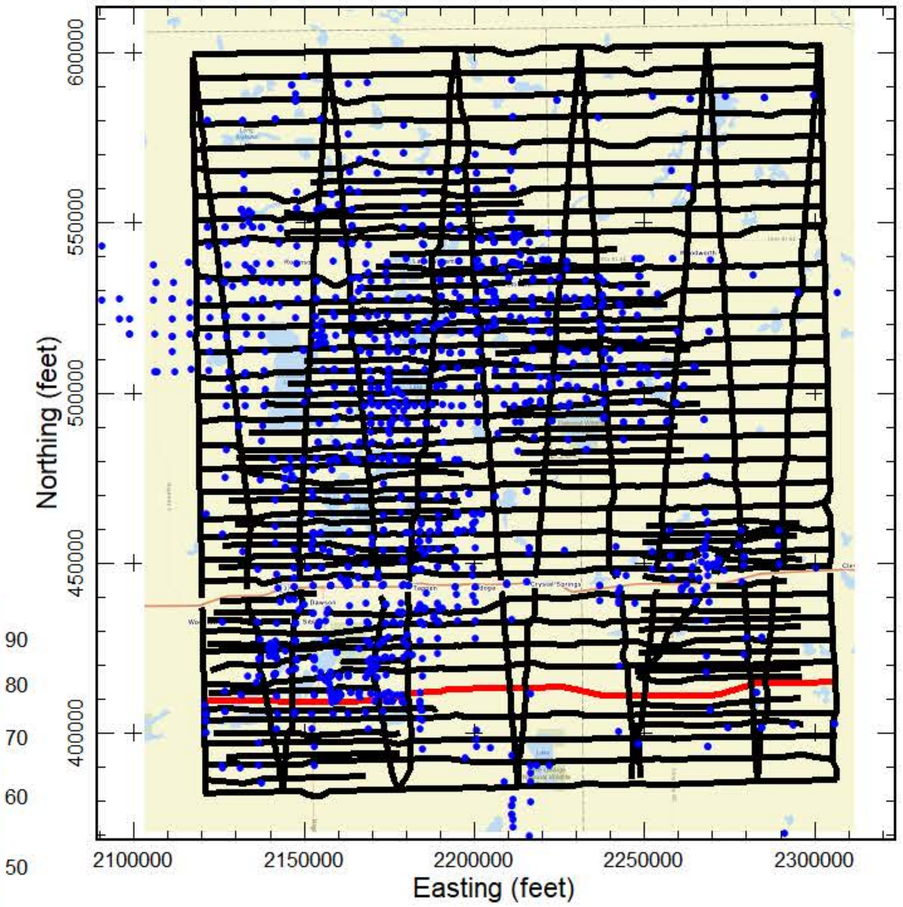
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

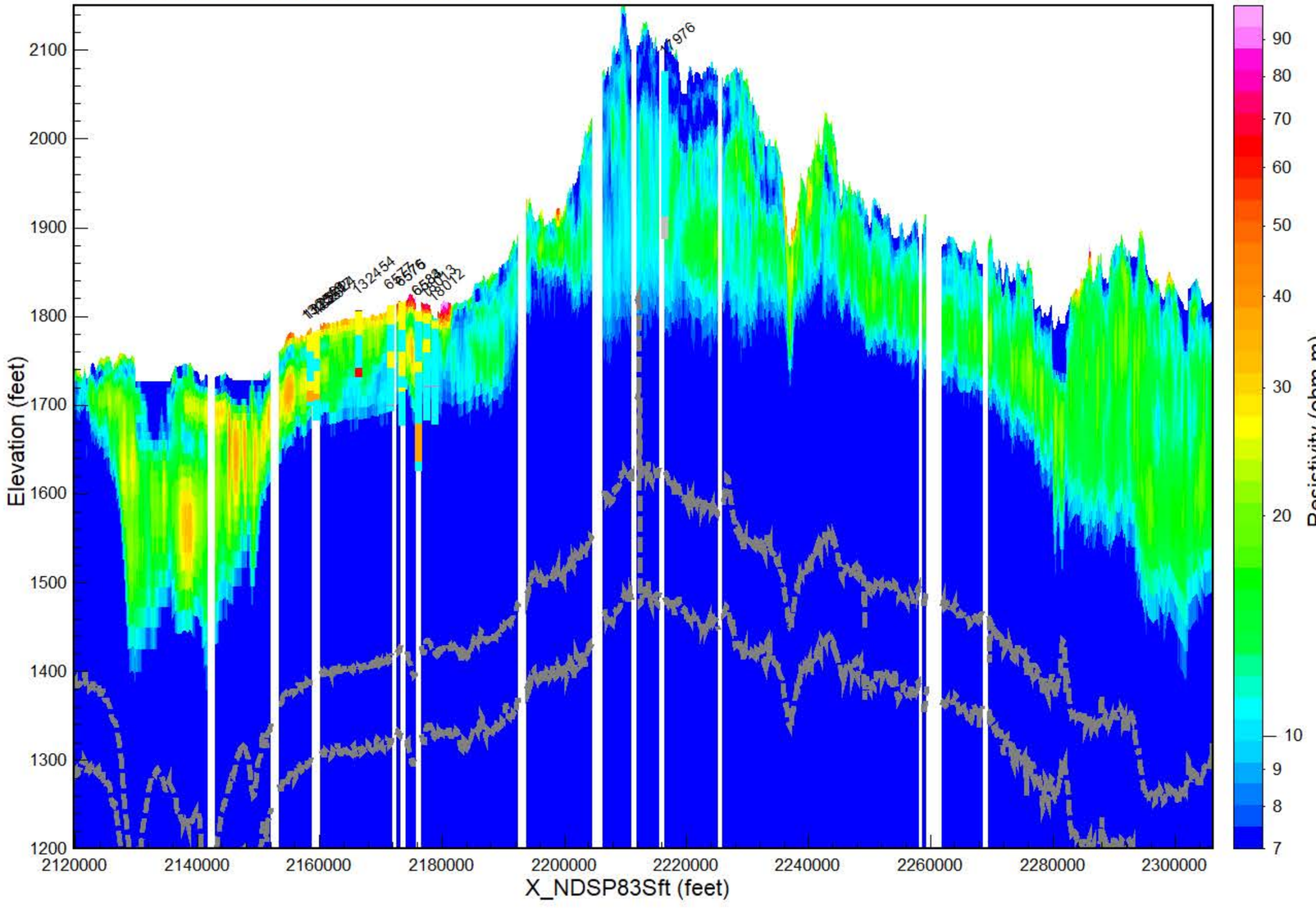
Flight Location Line L102801



AEM Survey Area 1



Final SCI Resistivity Line L102801

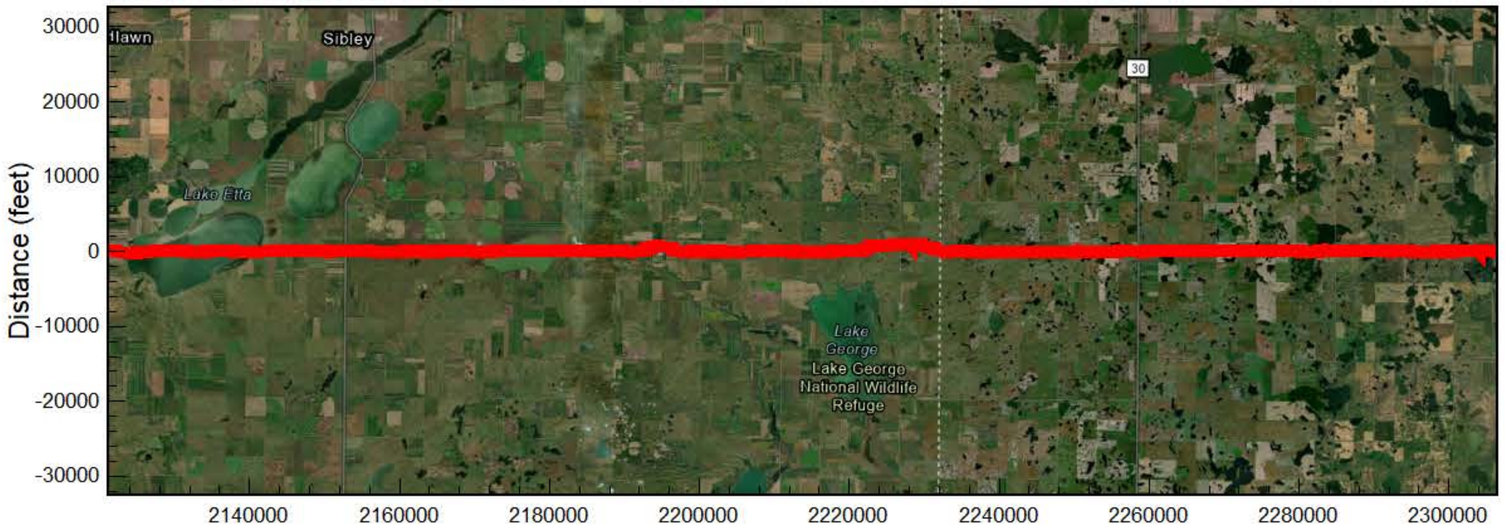


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

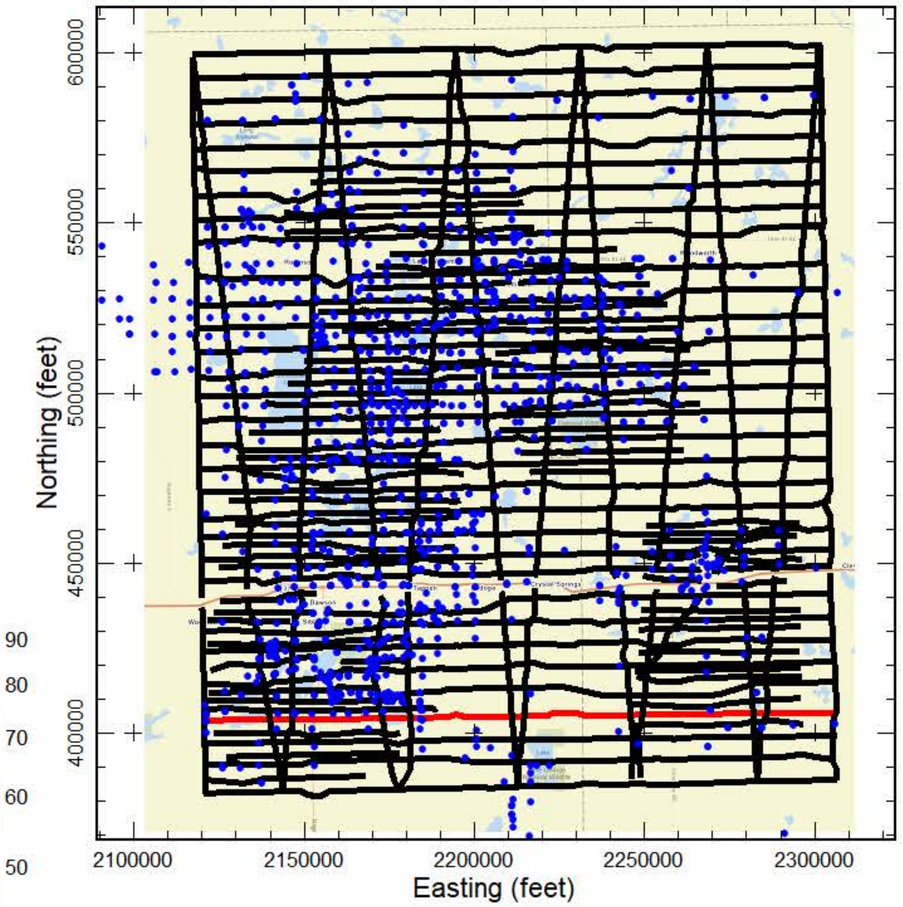
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

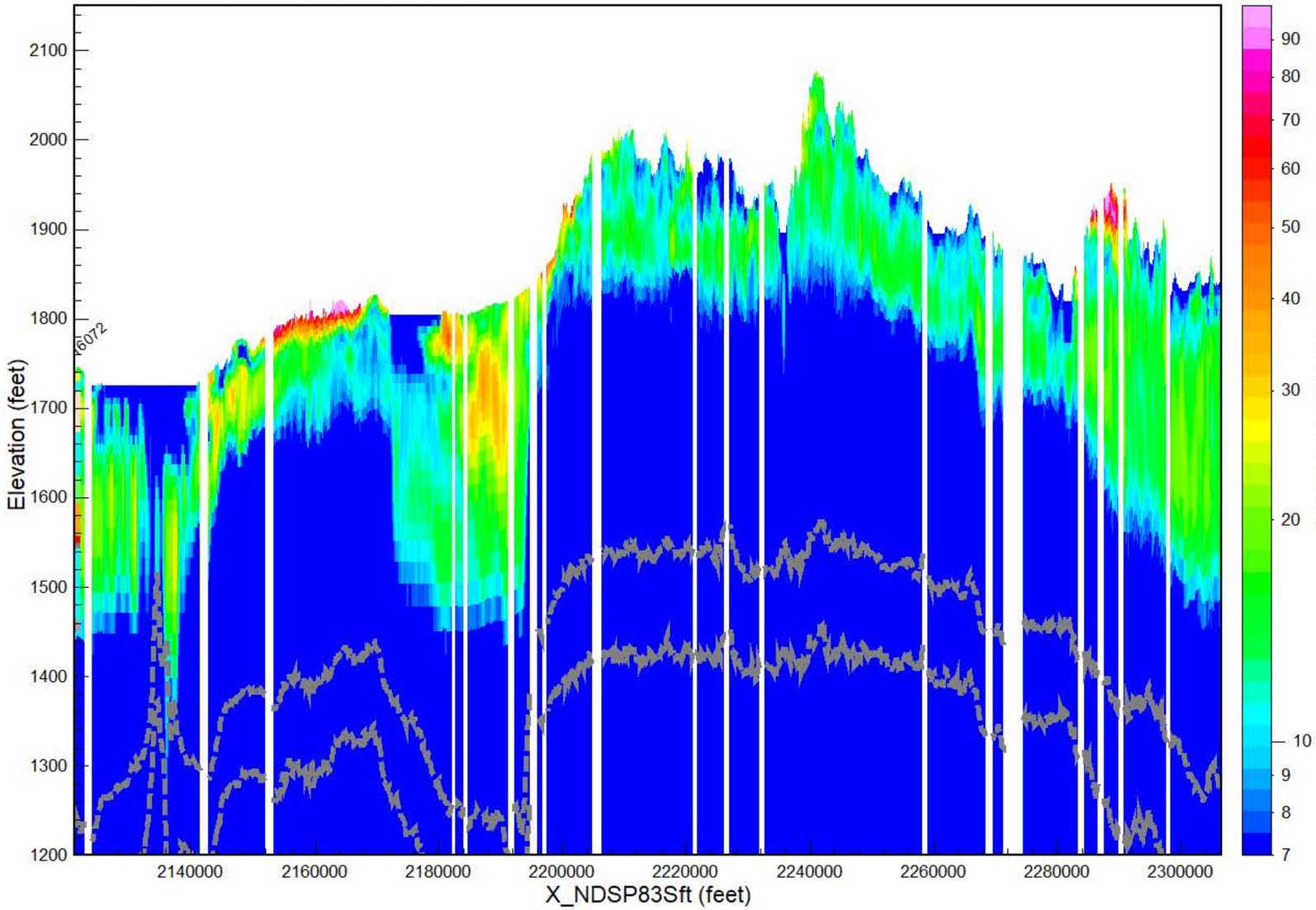
Flight Location Line L102901



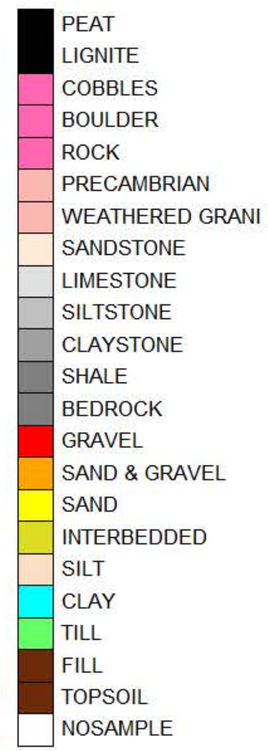
AEM Survey Area 1



Final SCI Resistivity Line L102901

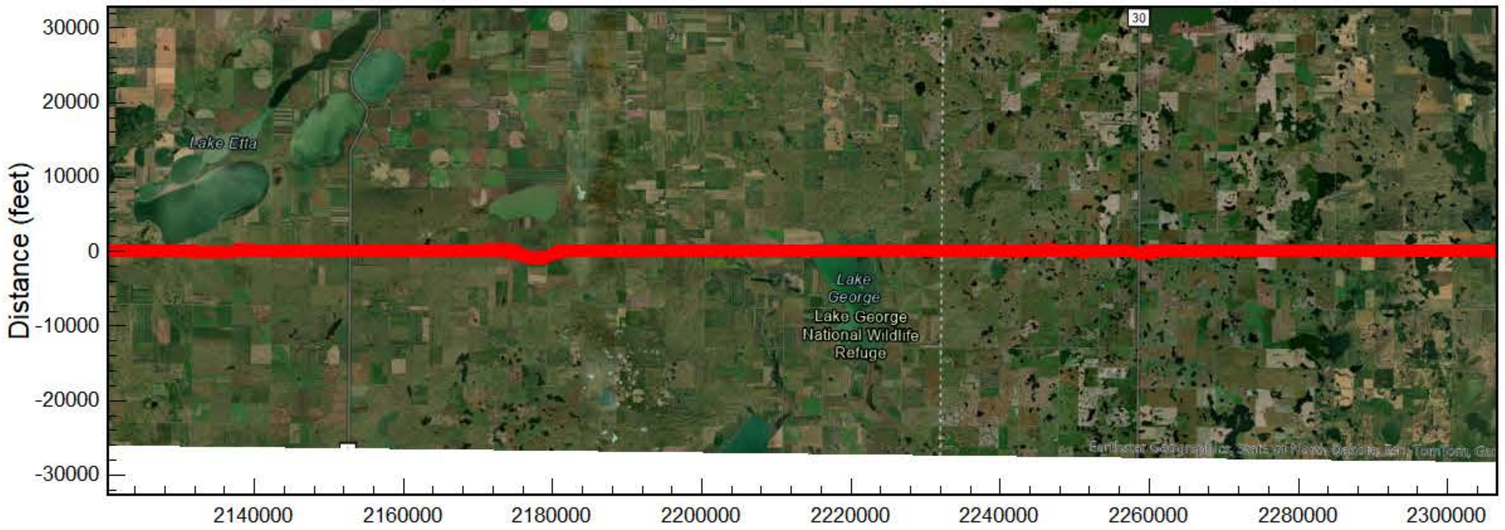


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

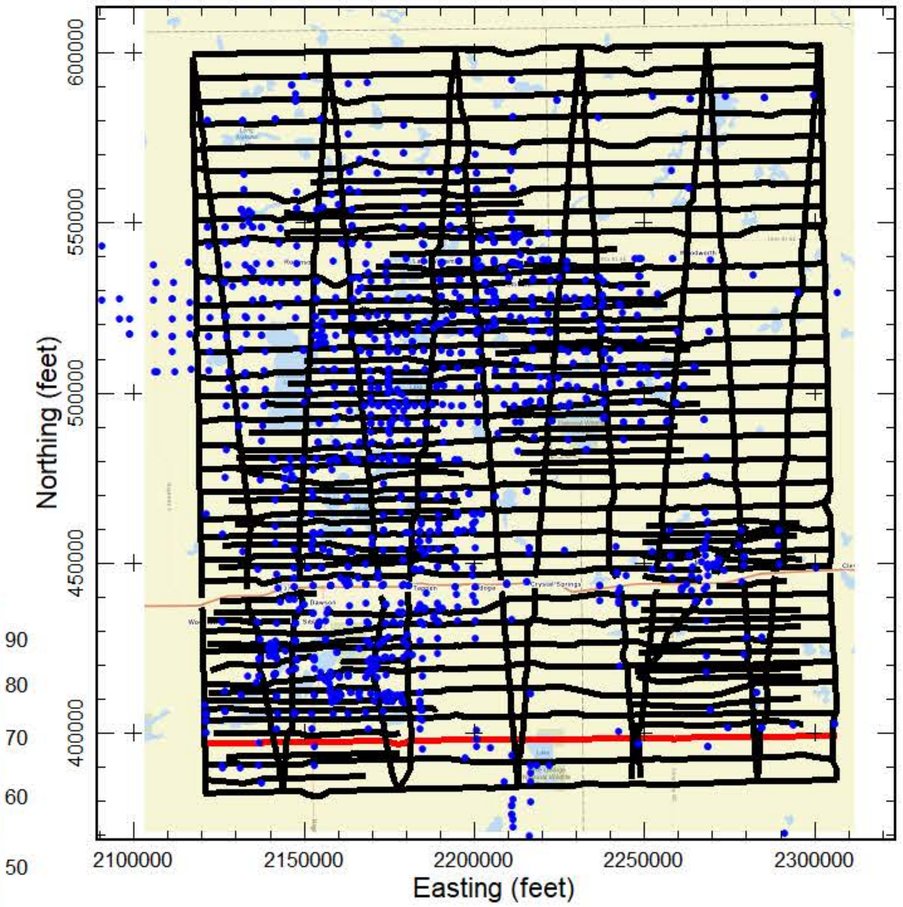


AGF
Aqua Geo Frameworks

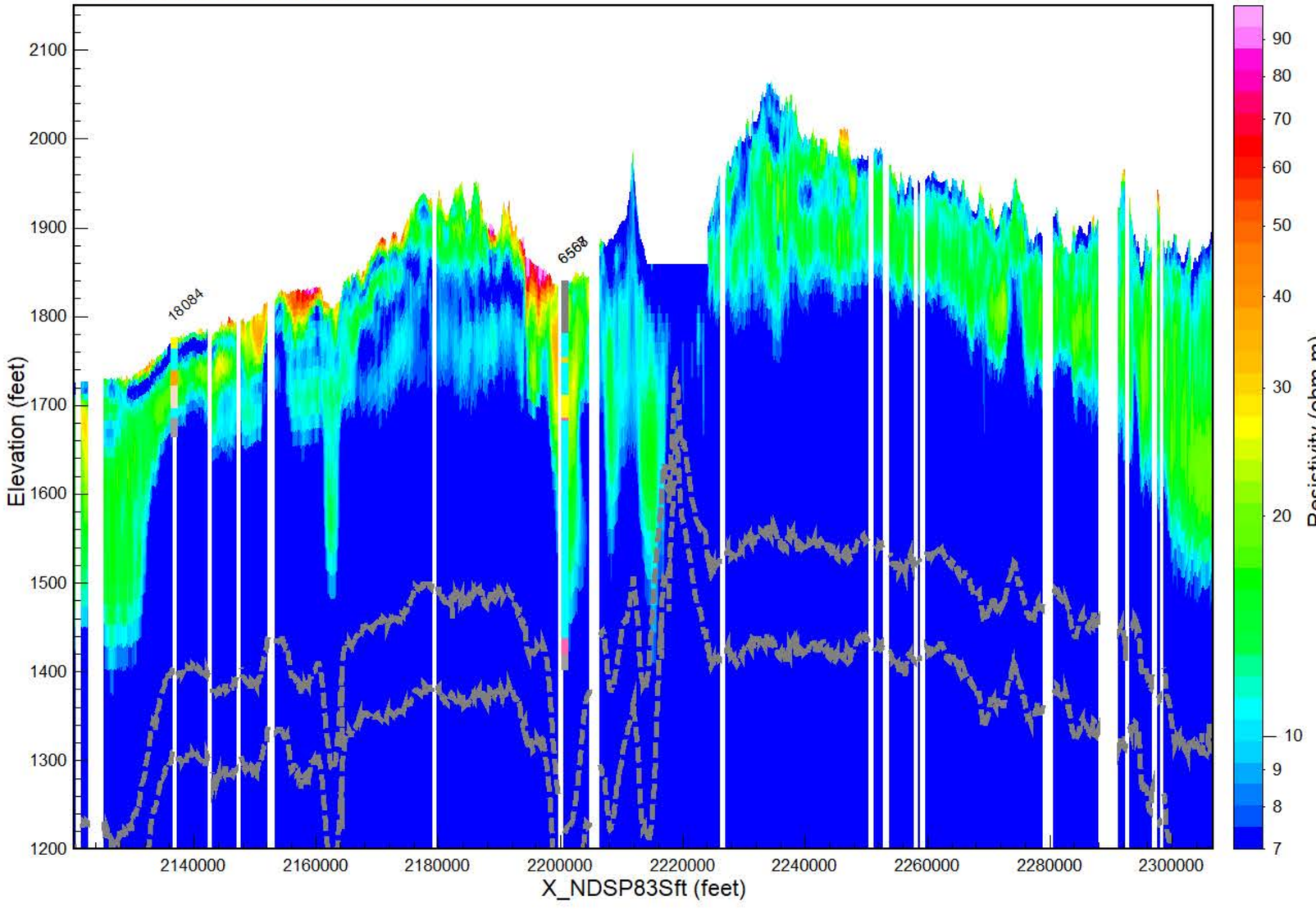
Flight Location Line L103001



AEM Survey Area 1



Final SCI Resistivity Line L103001

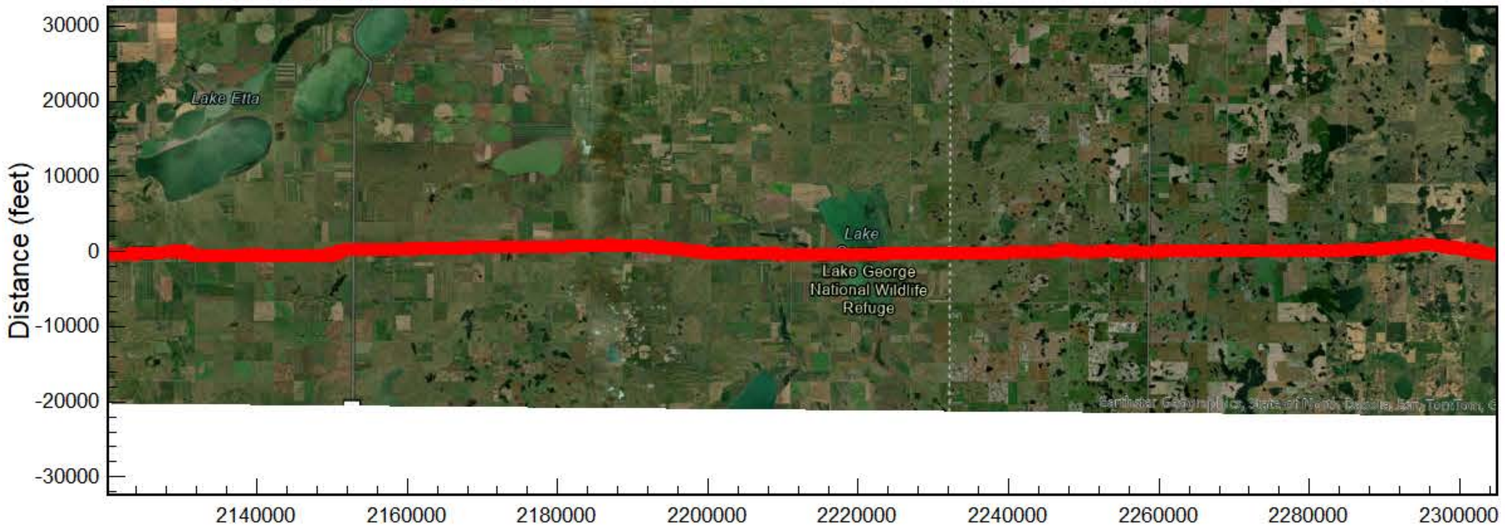


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

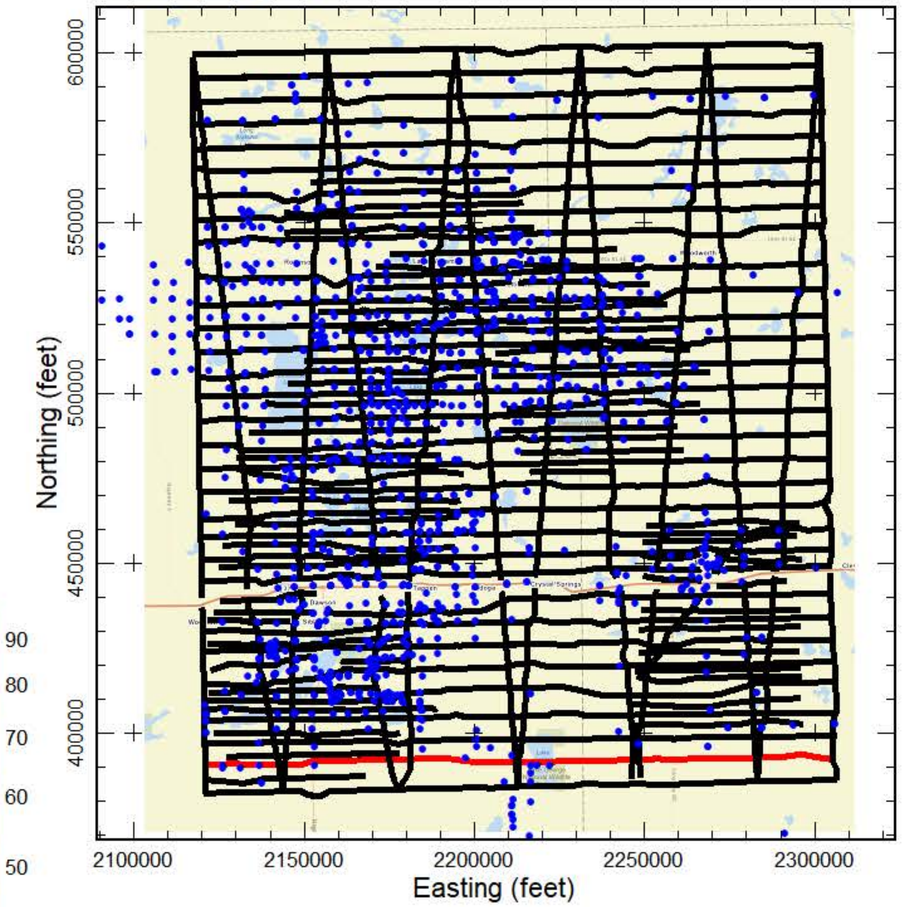
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

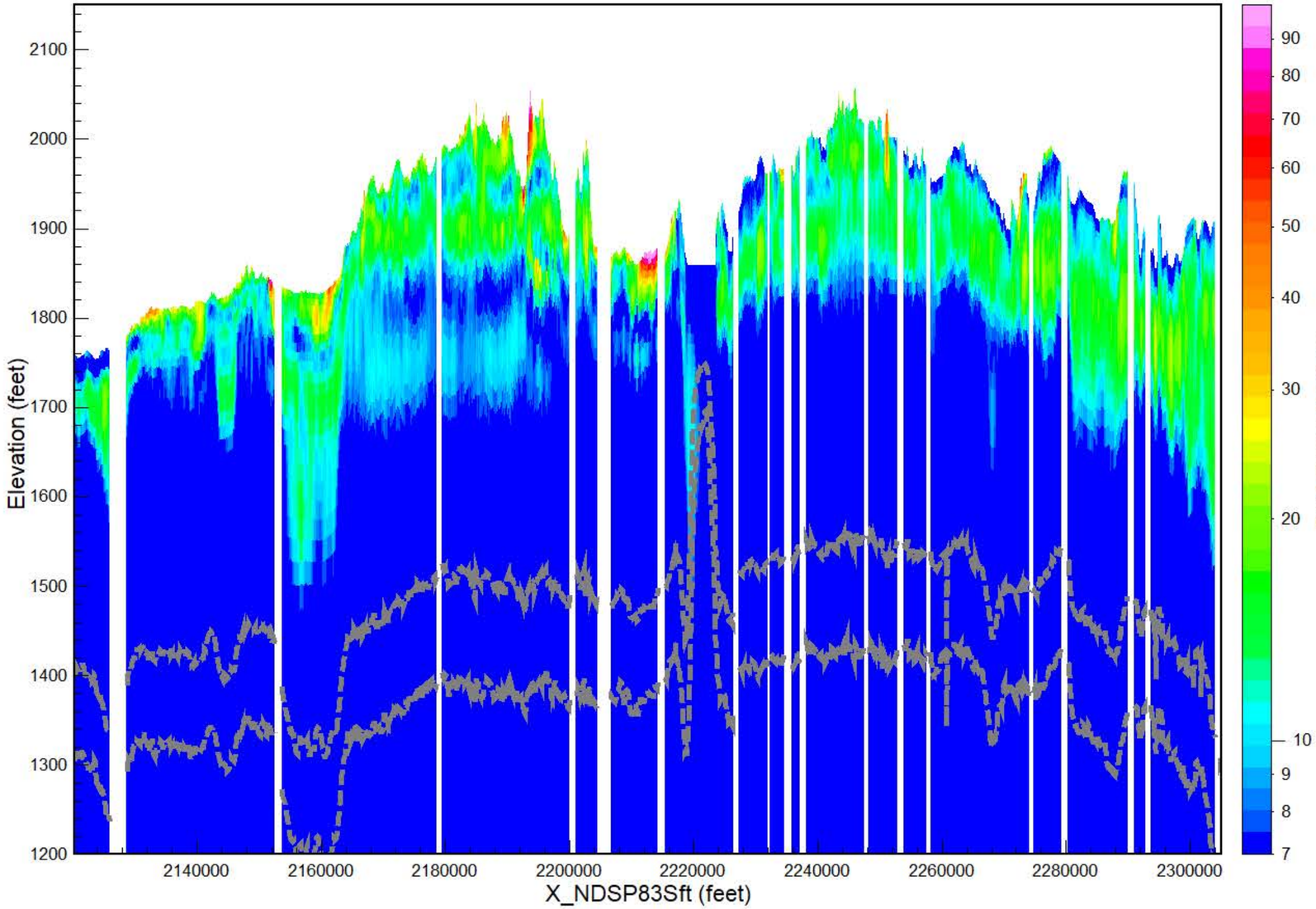
Flight Location Line L103101



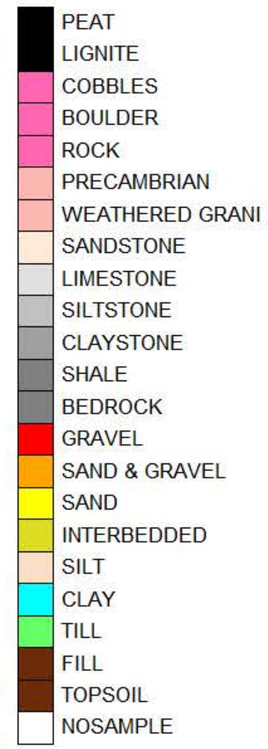
AEM Survey Area 1



Final SCI Resistivity Line L103101

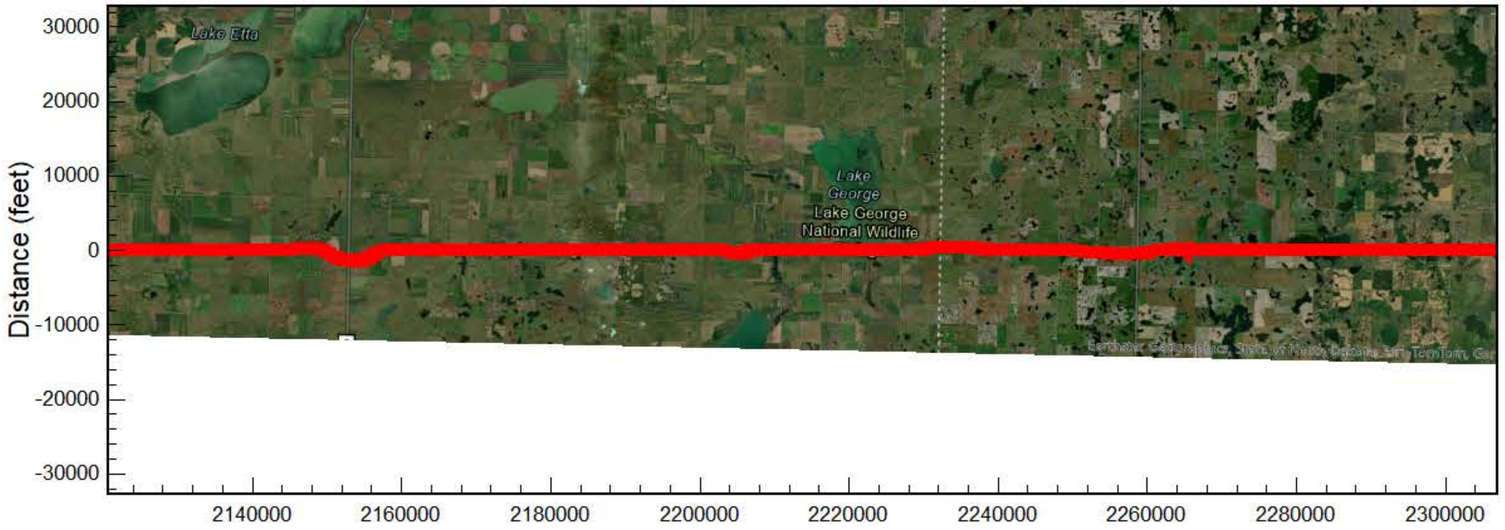


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

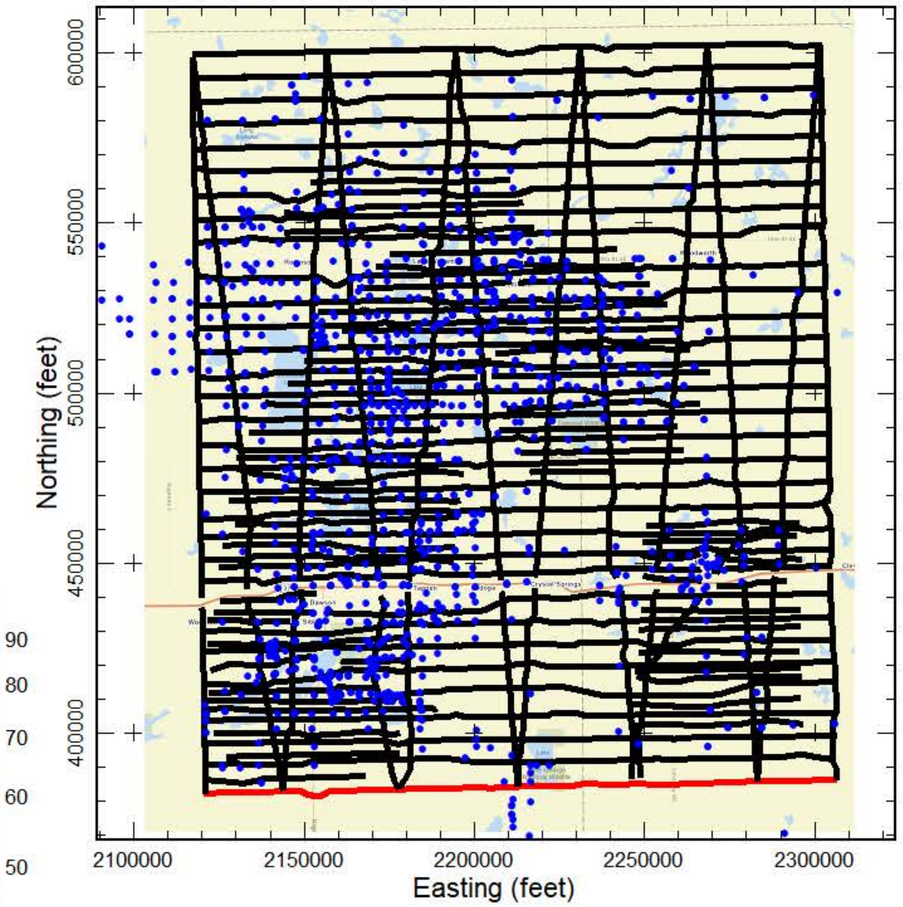


AGF
Aqua Geo Frameworks

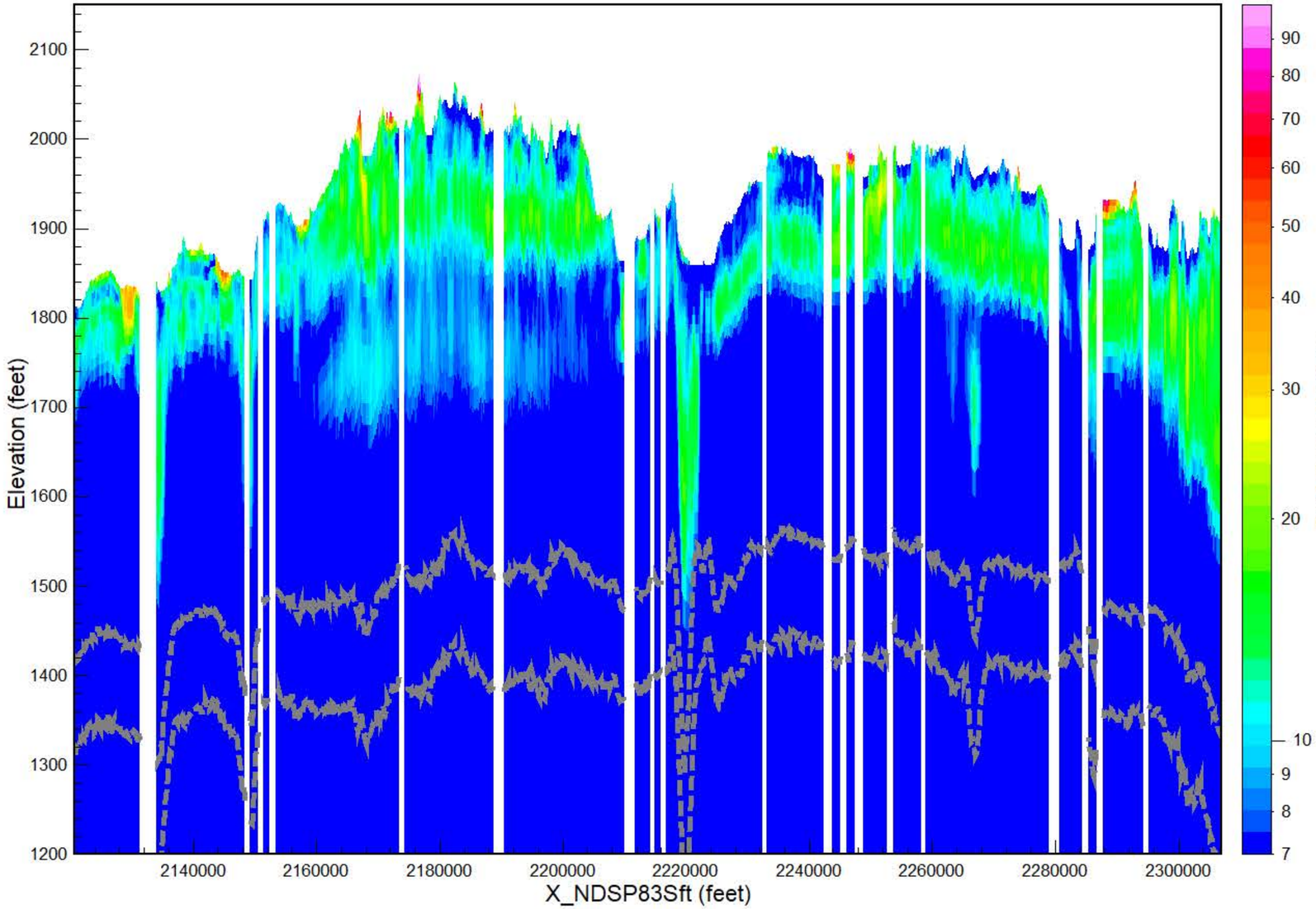
Flight Location Line L103201



AEM Survey Area 1



Final SCI Resistivity Line L103201

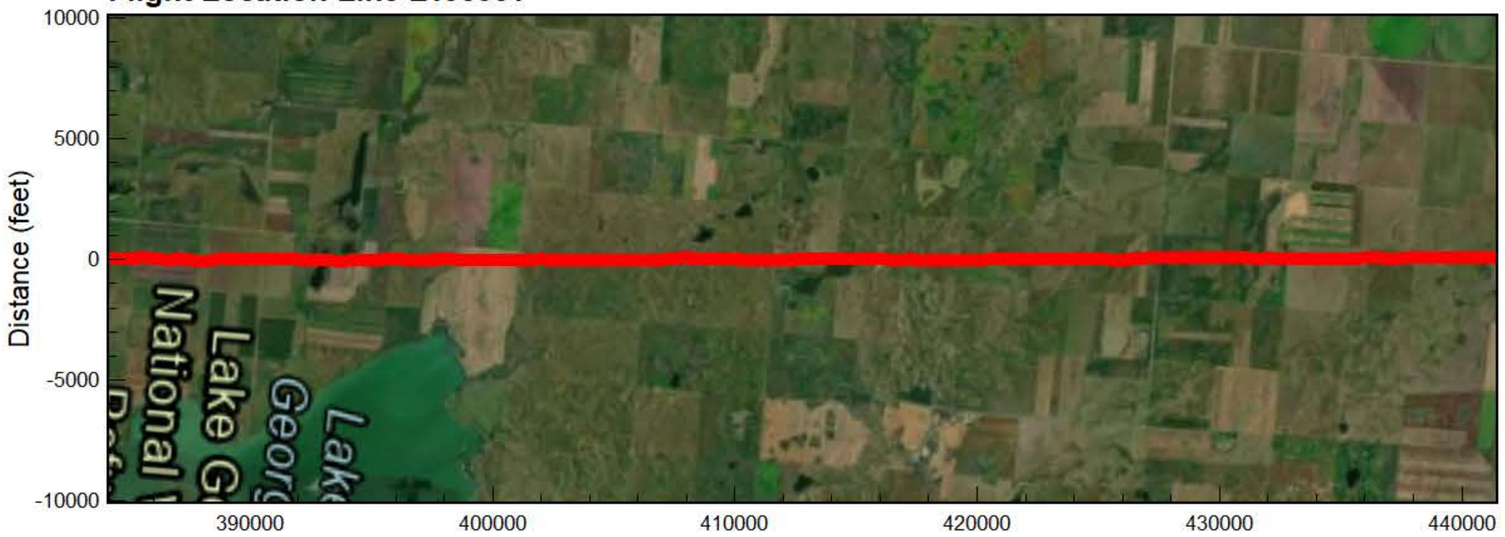


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

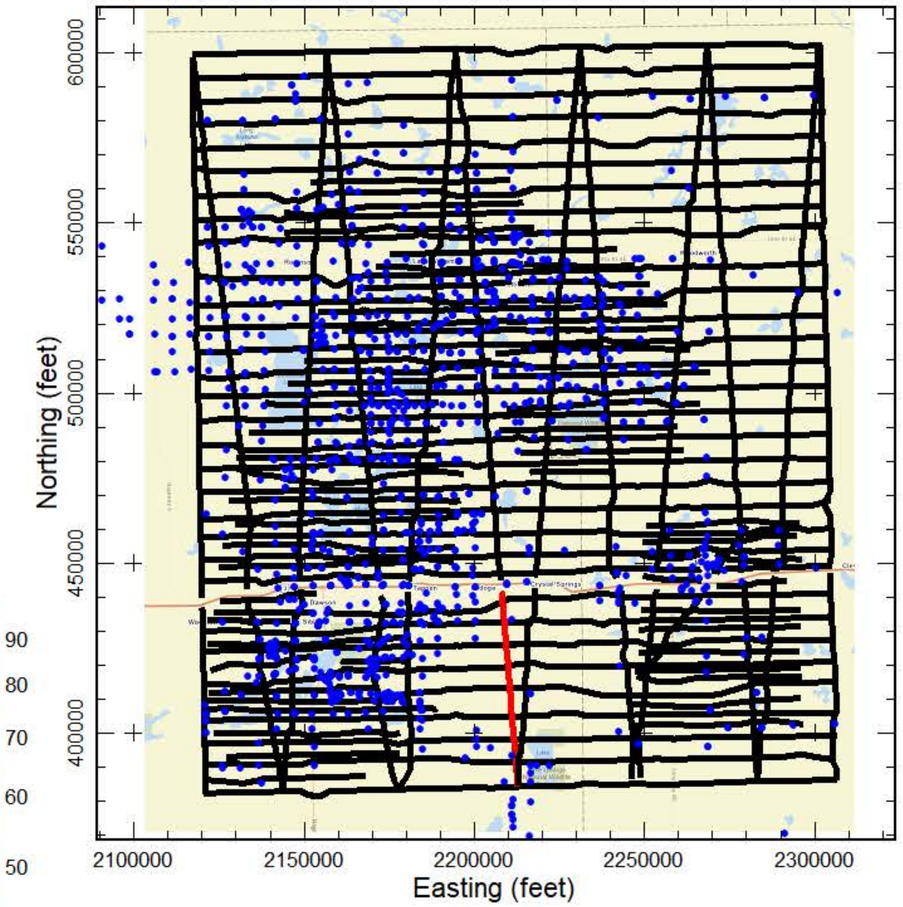
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

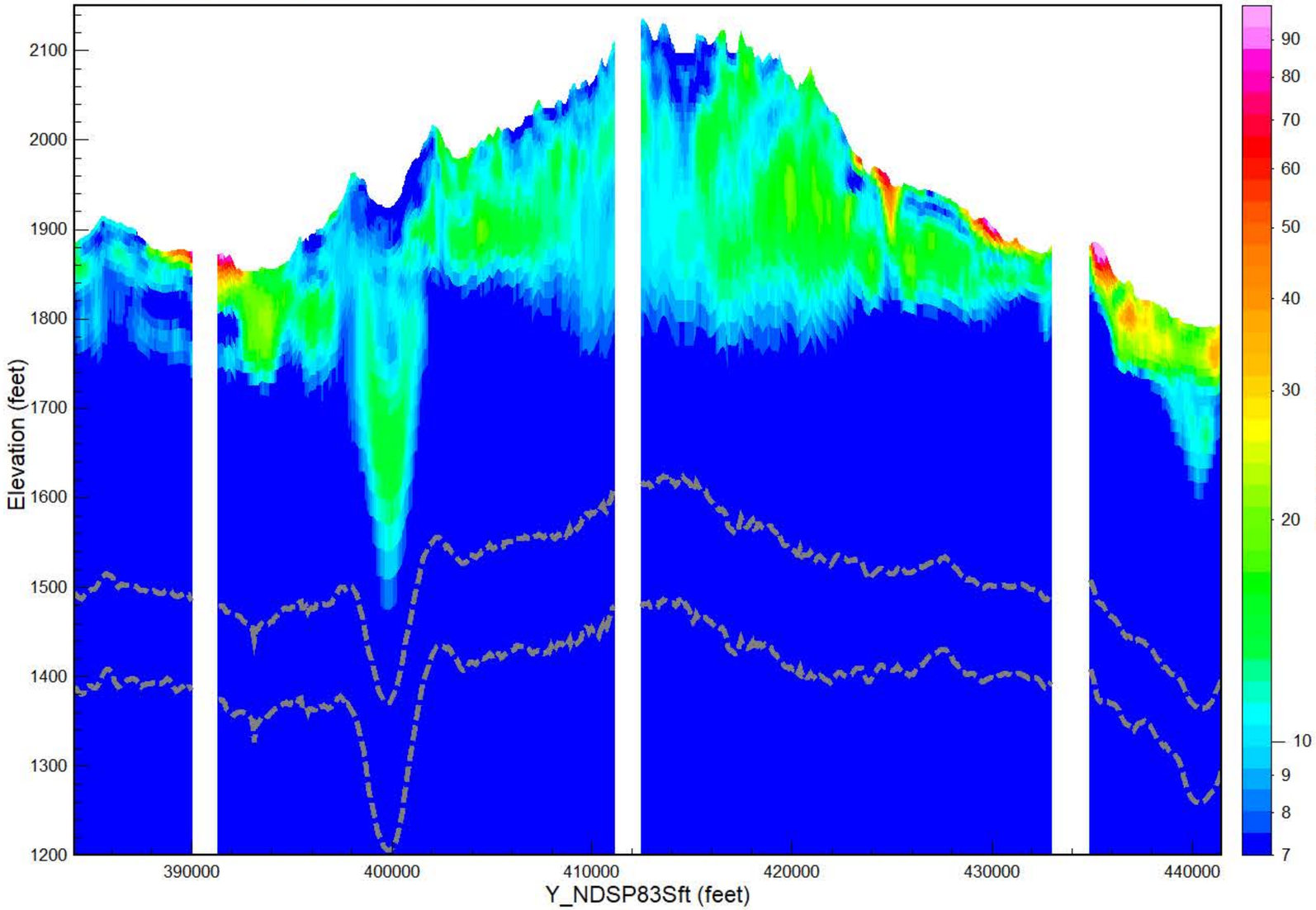
Flight Location Line L190061



AEM Survey Area 1



Final SCI Resistivity Line L190061

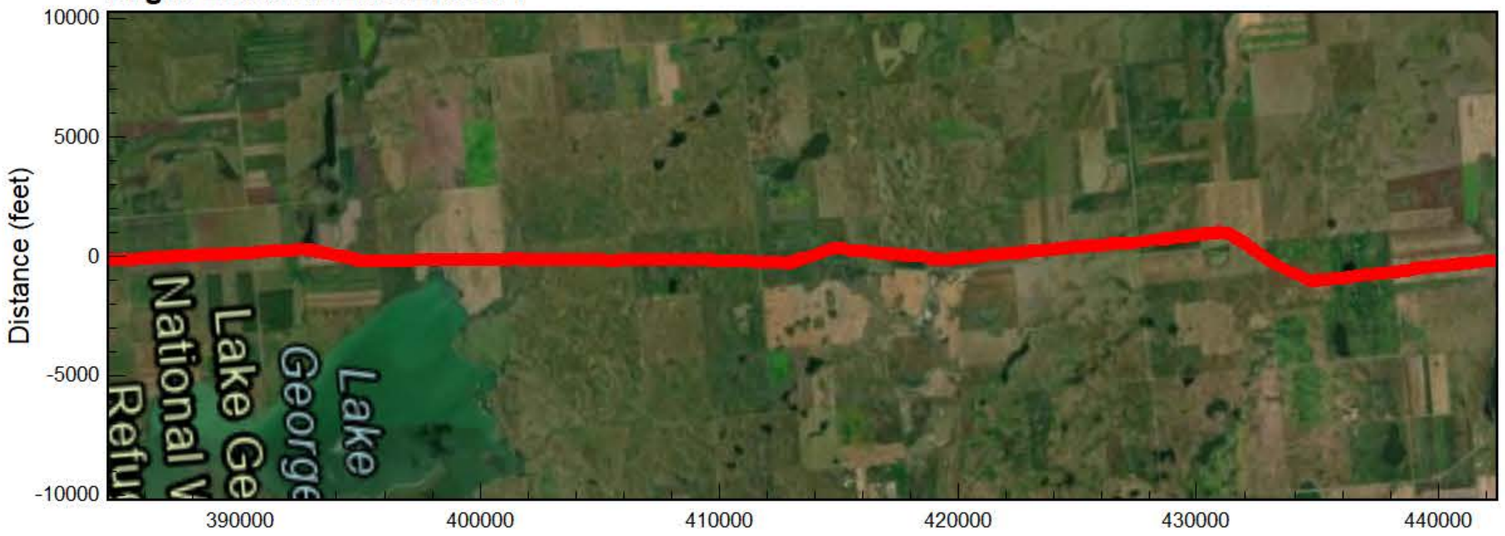


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

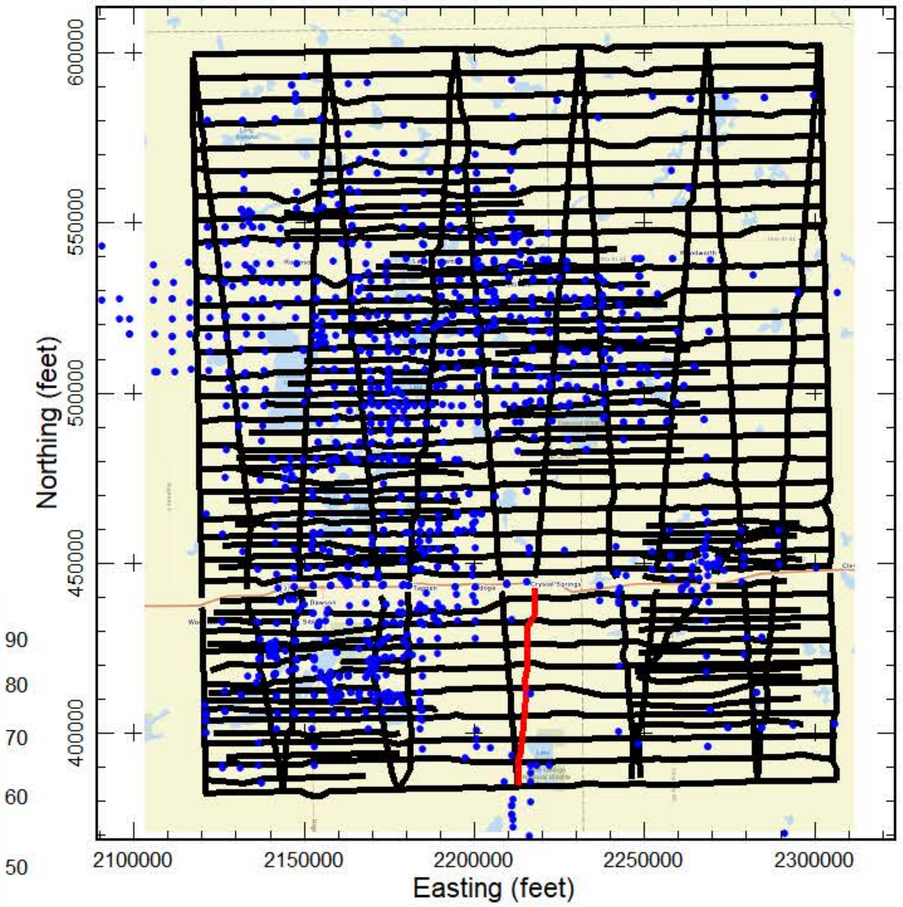
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

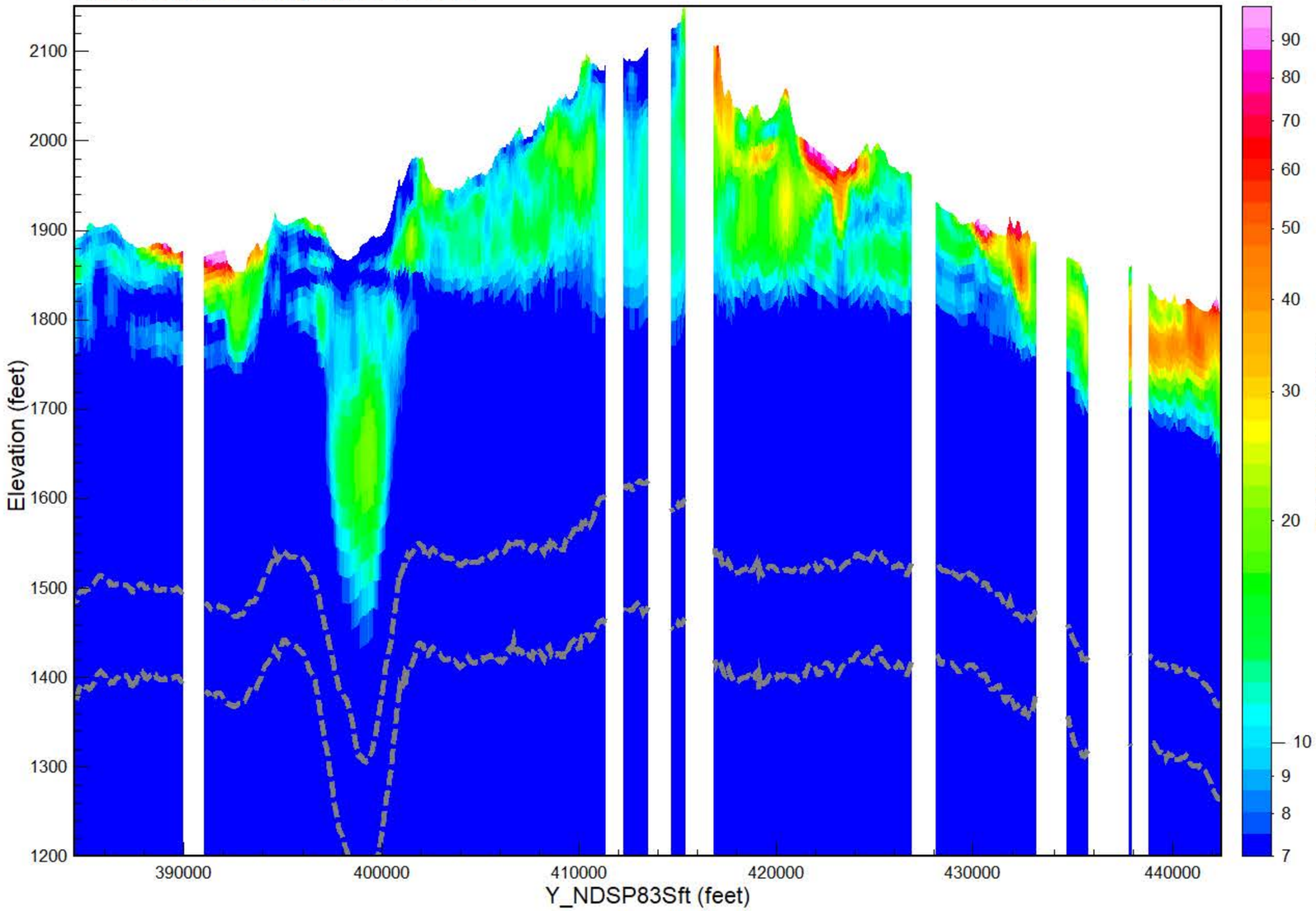
Flight Location Line L190071



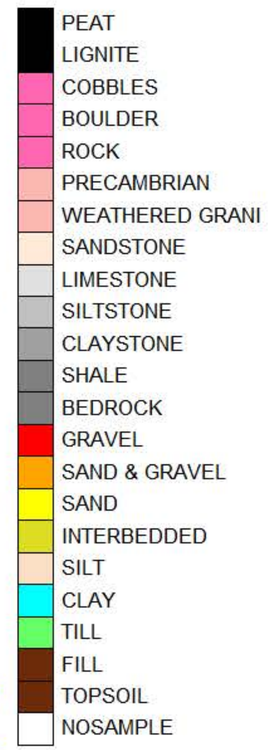
AEM Survey Area 1



Final SCI Resistivity Line L190071



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

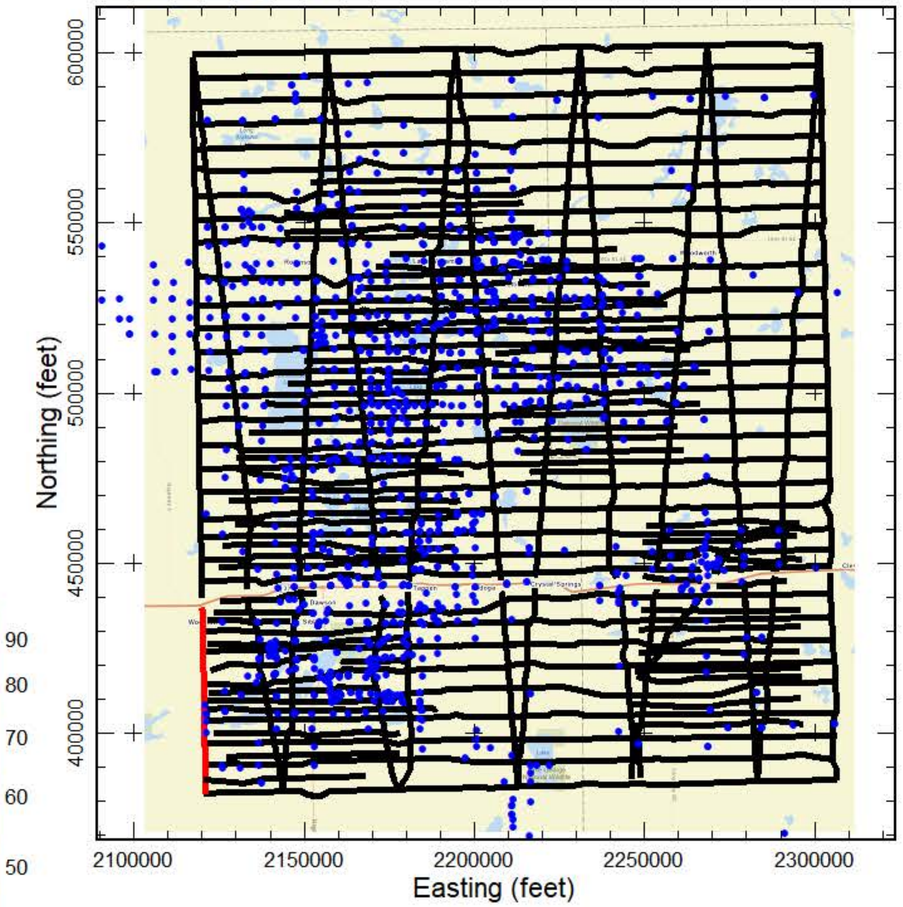


AGF
Aqua Geo Frameworks

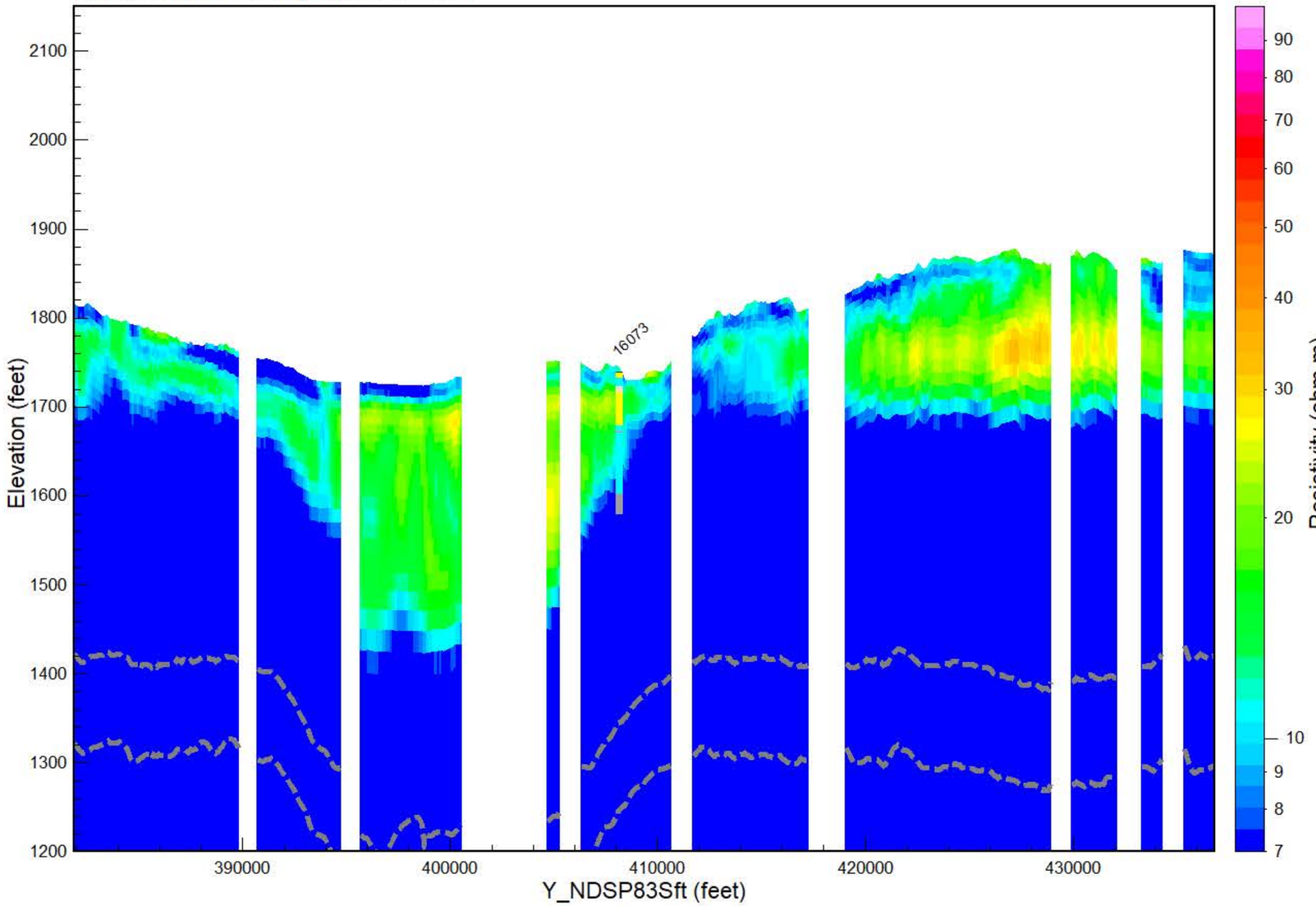
Flight Location Line L190101



AEM Survey Area 1



Final SCI Resistivity Line L190101

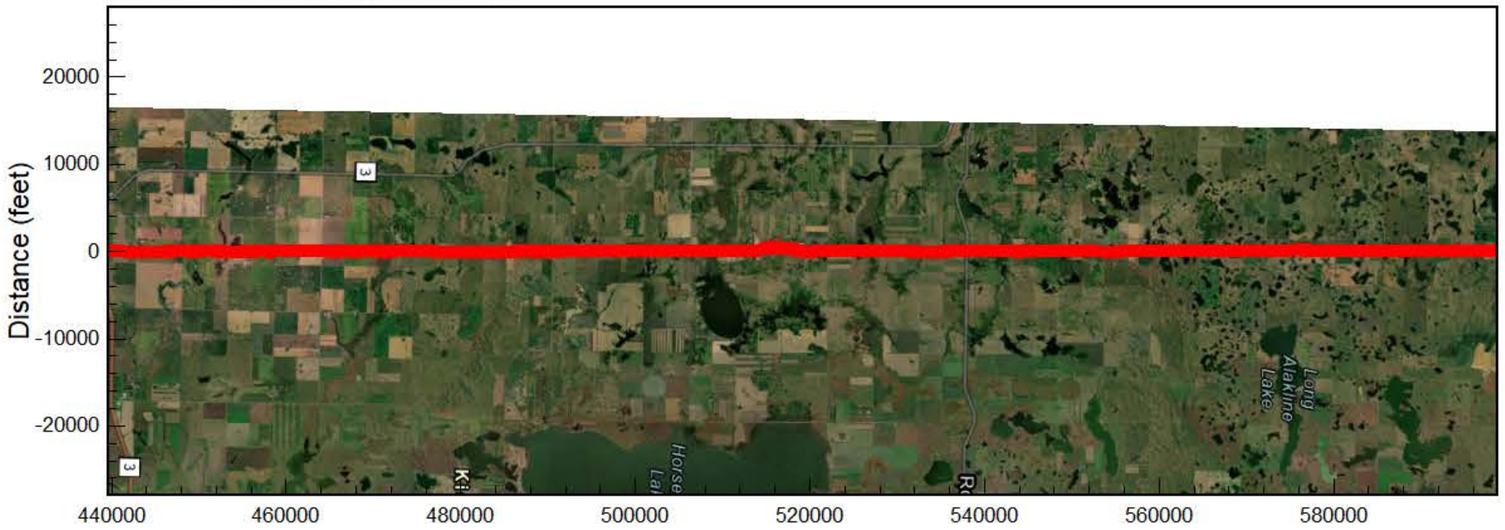


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

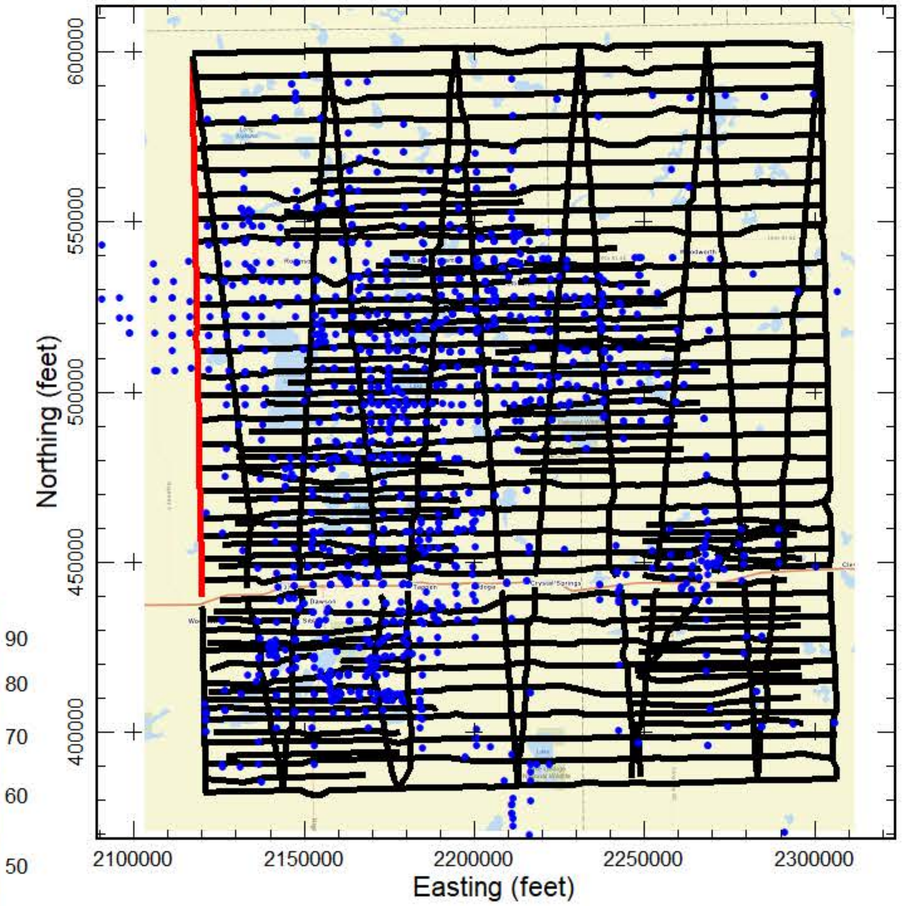
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

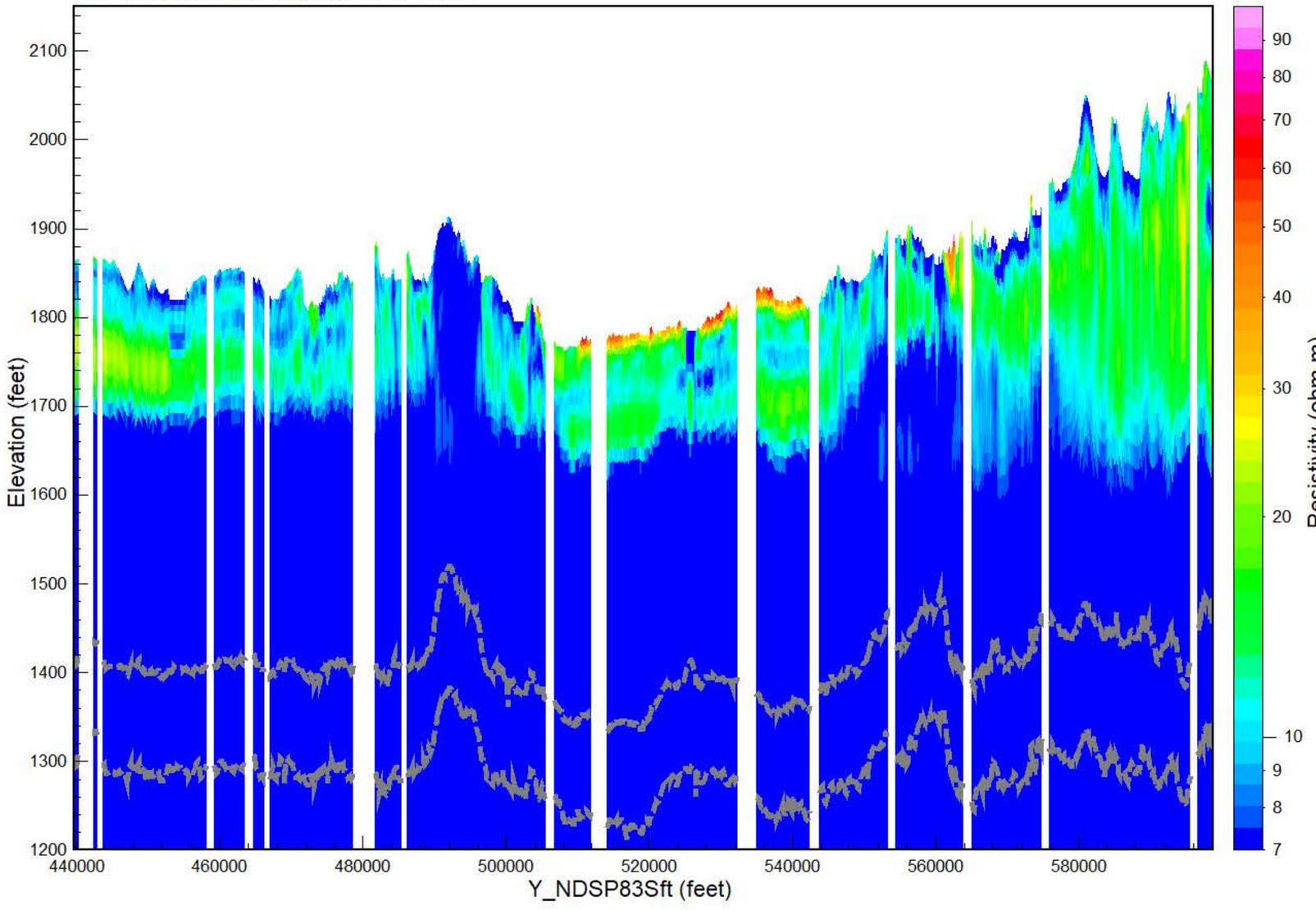
Flight Location Line L190102



AEM Survey Area 1



Final SCI Resistivity Line L190102



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

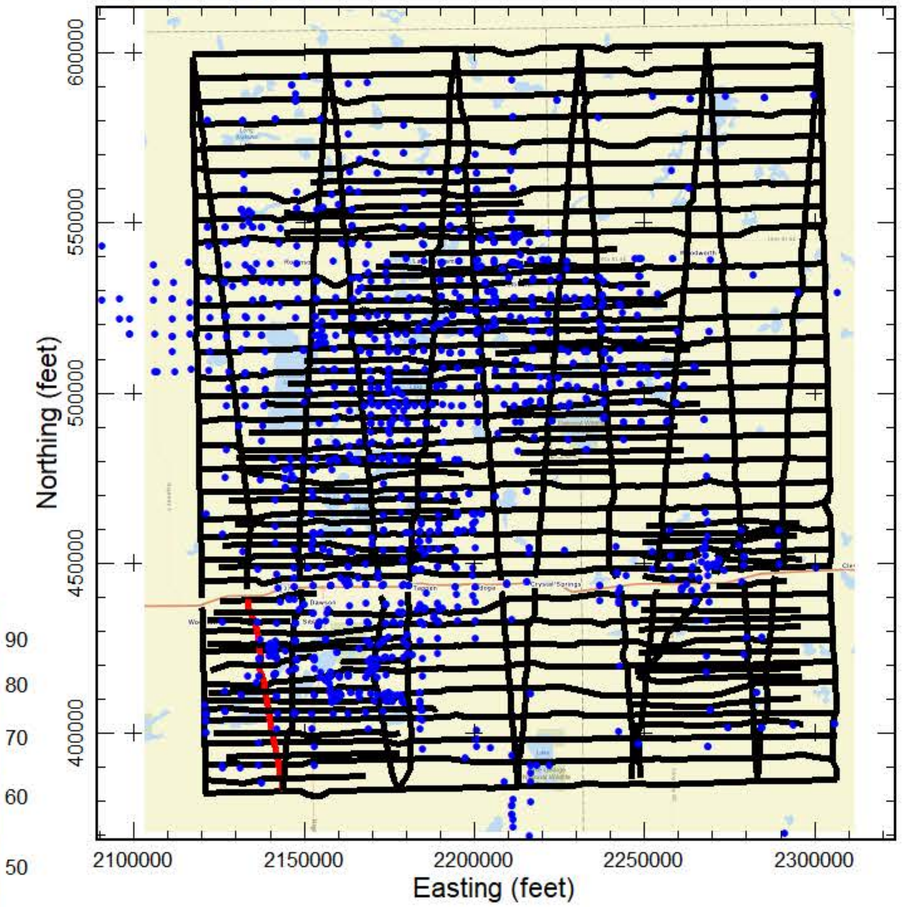
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

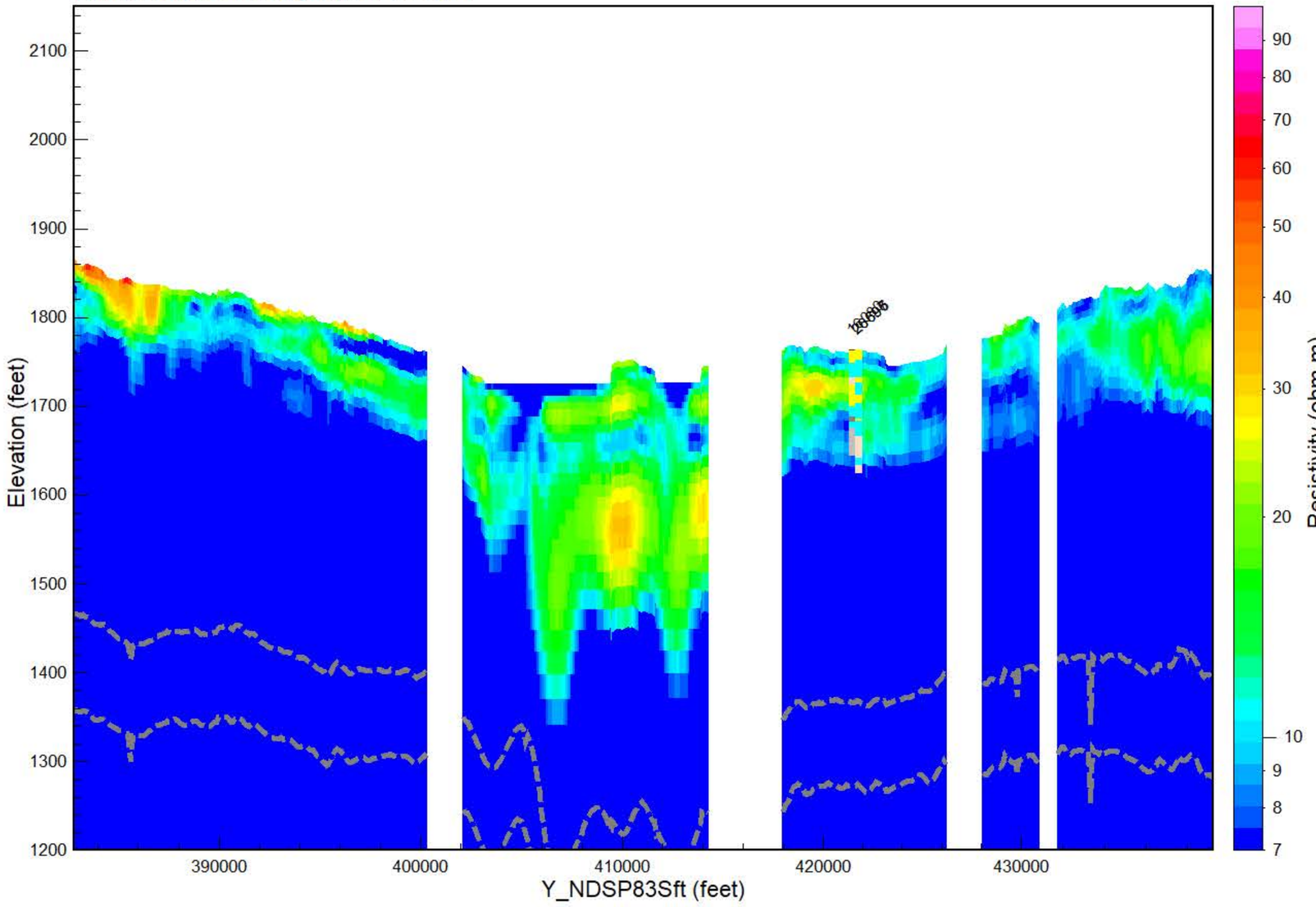
Flight Location Line L190201



AEM Survey Area 1



Final SCI Resistivity Line L190201

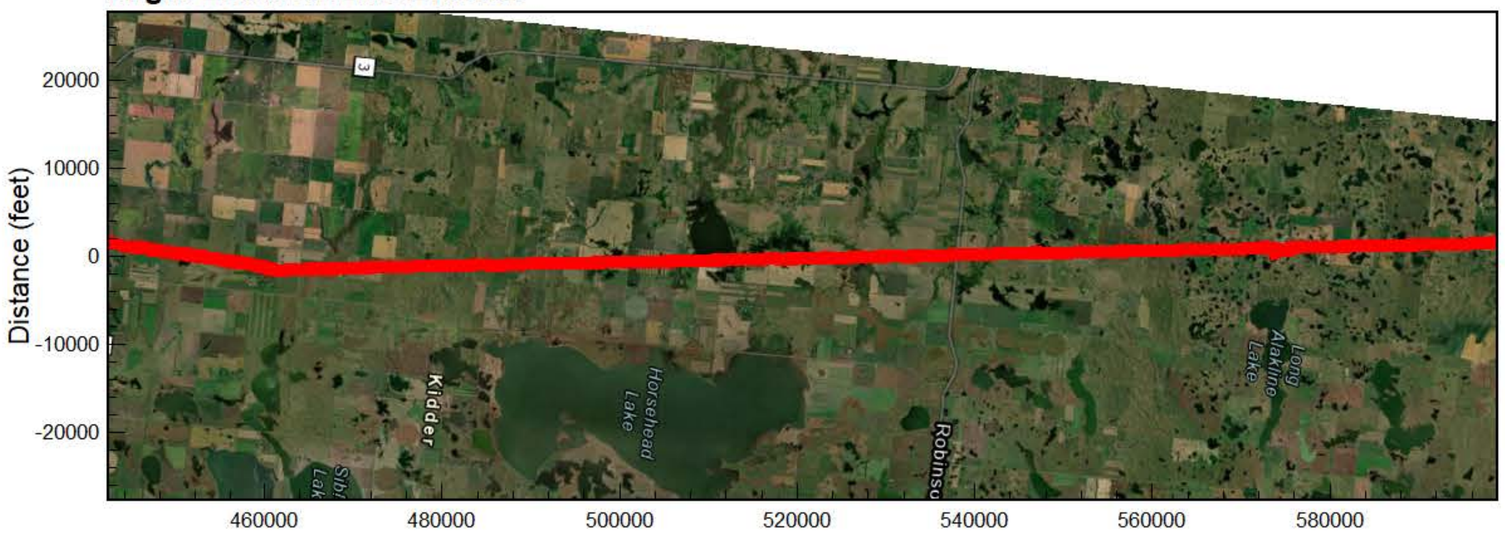


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

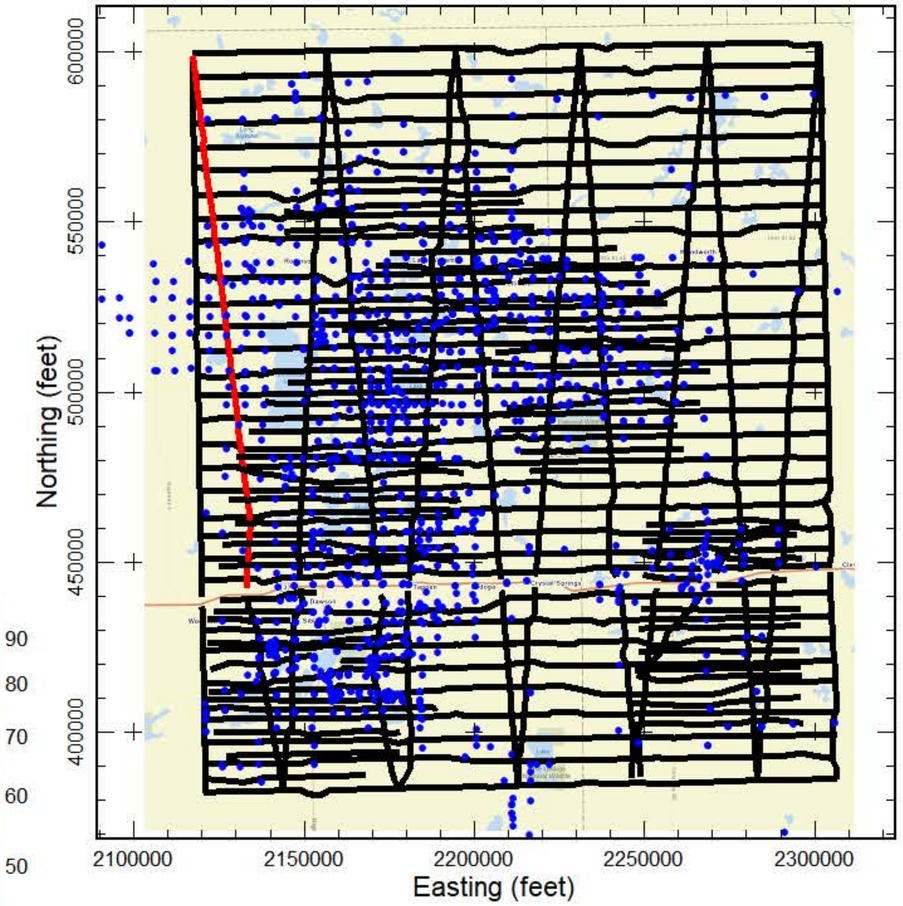
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

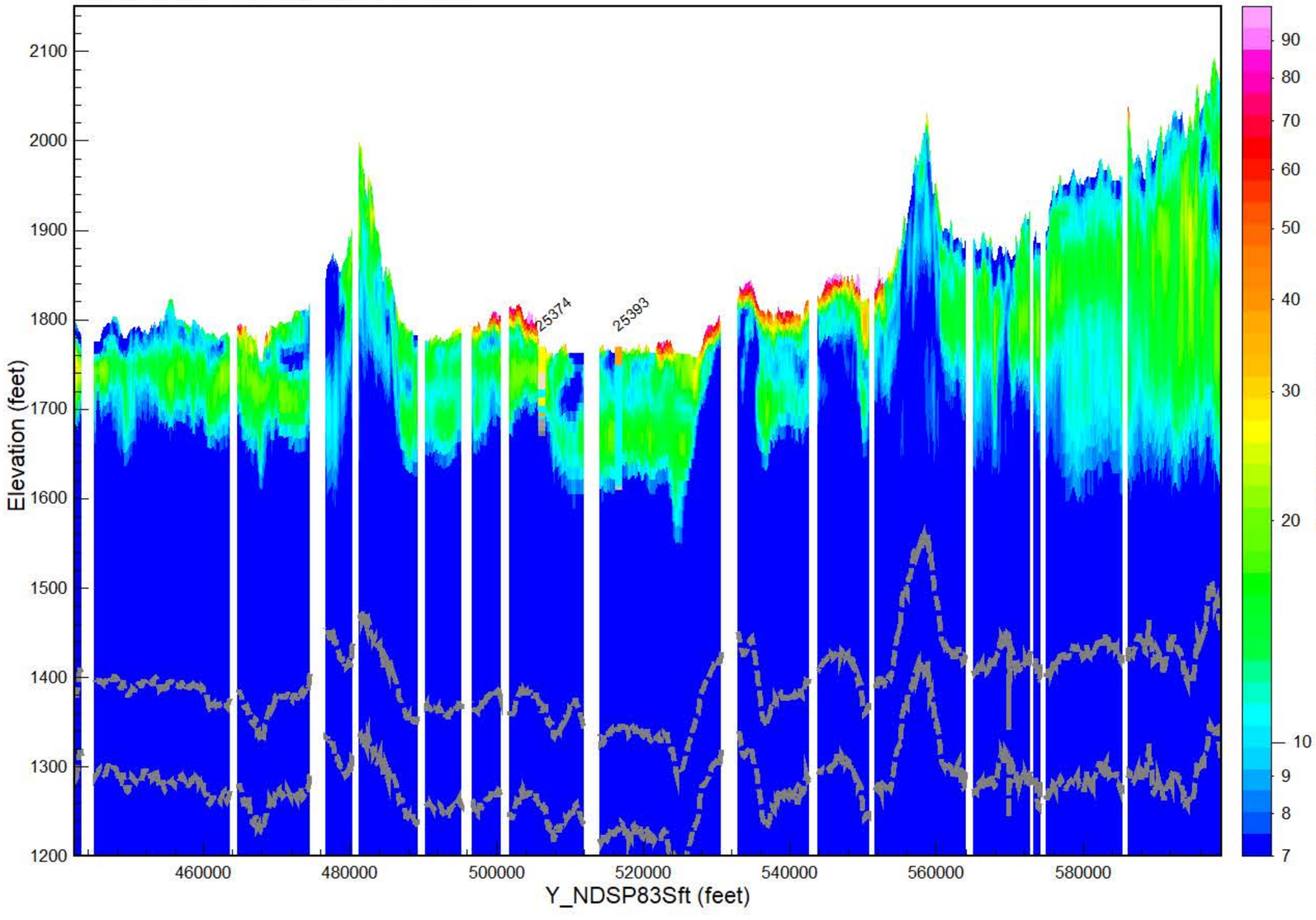
Flight Location Line L190202



AEM Survey Area 1



Final SCI Resistivity Line L190202



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

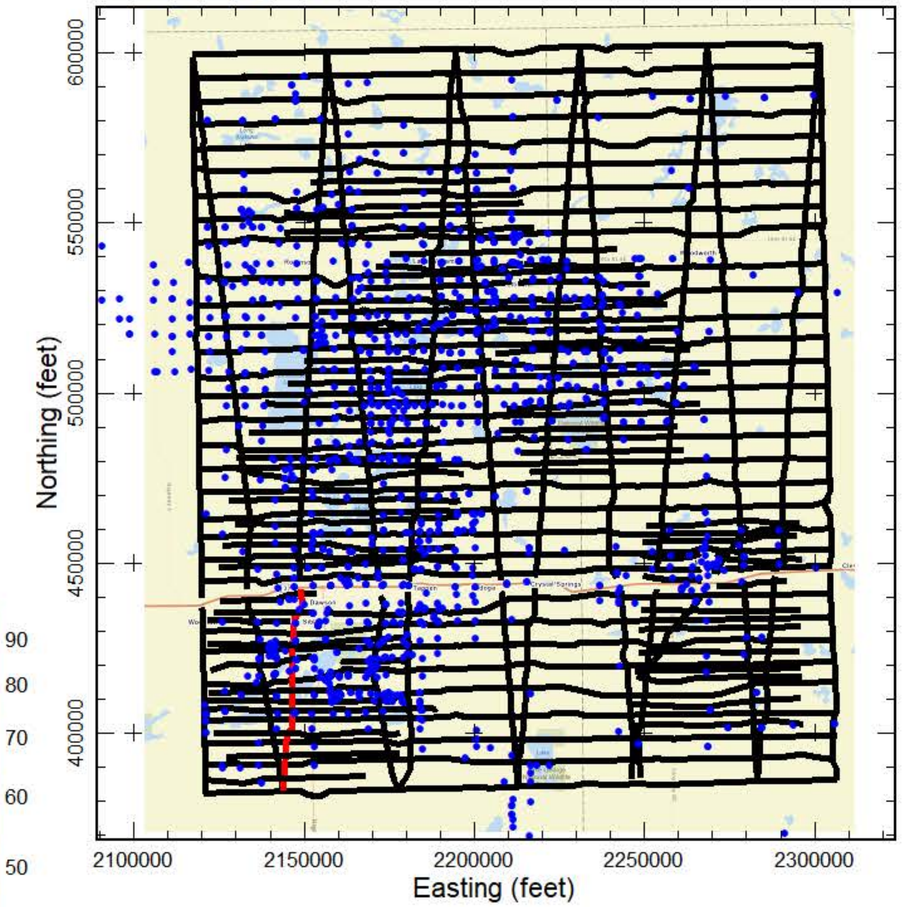
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

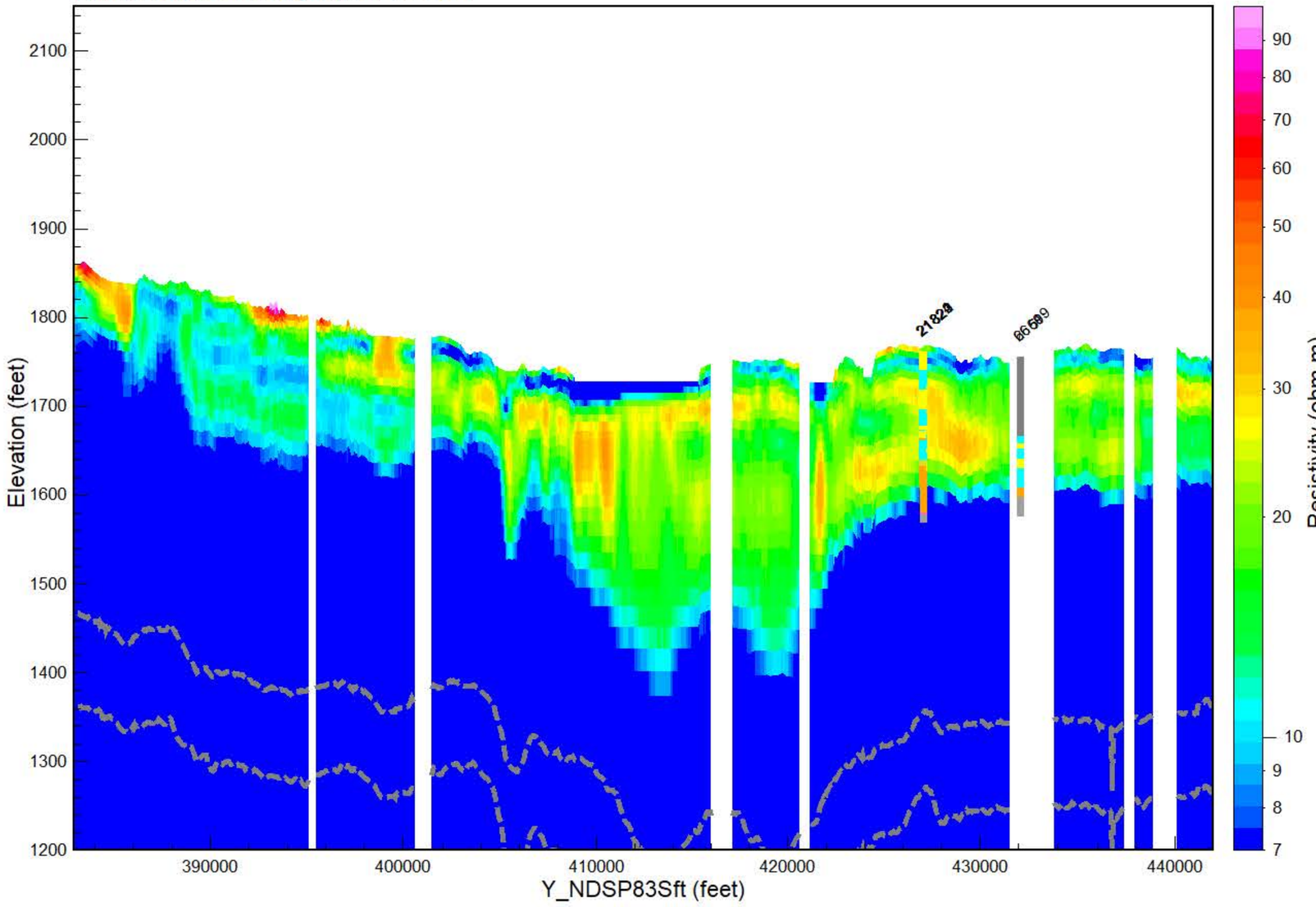
Flight Location Line L190301



AEM Survey Area 1



Final SCI Resistivity Line L190301

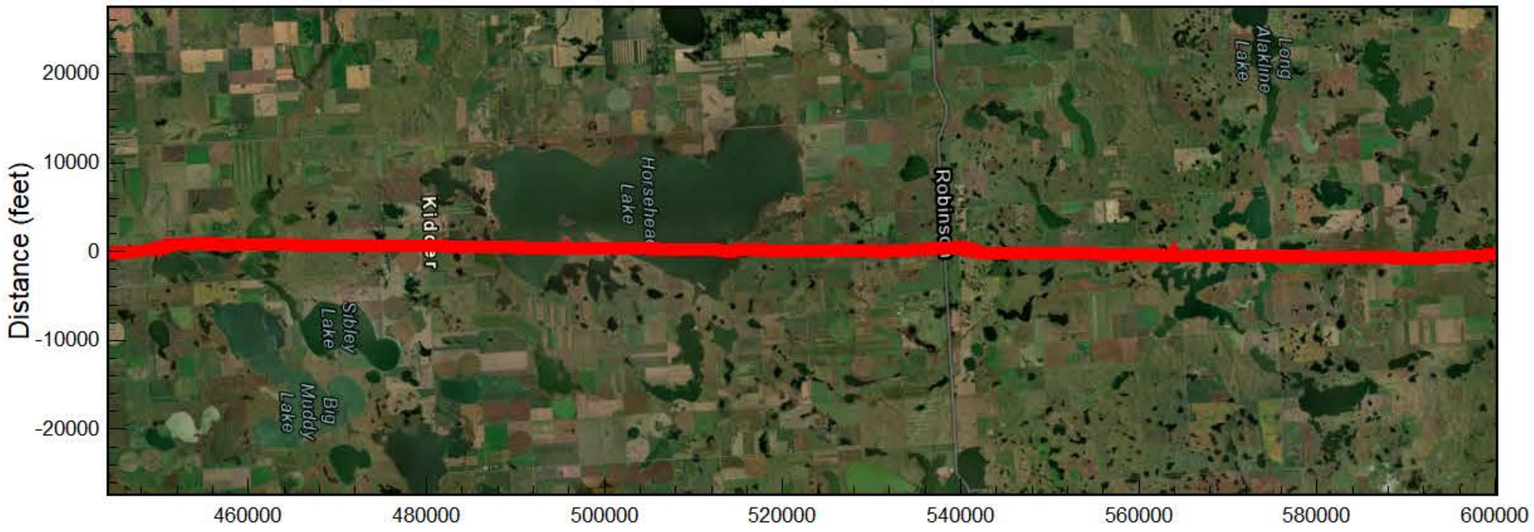


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

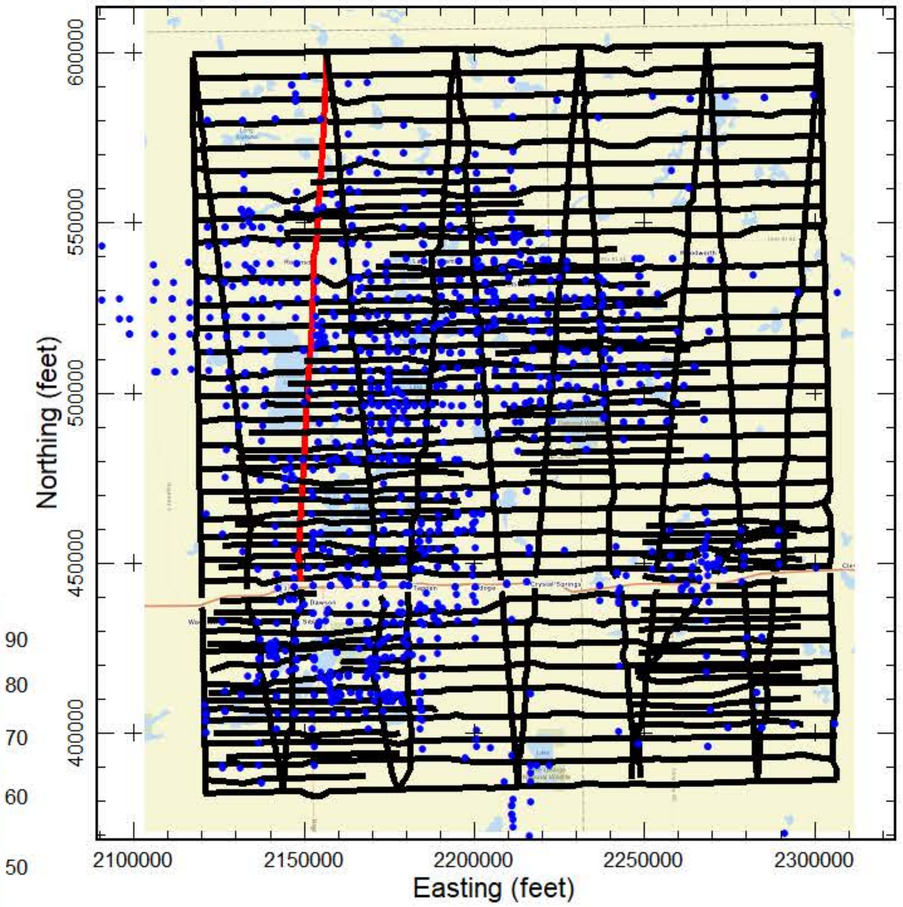
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

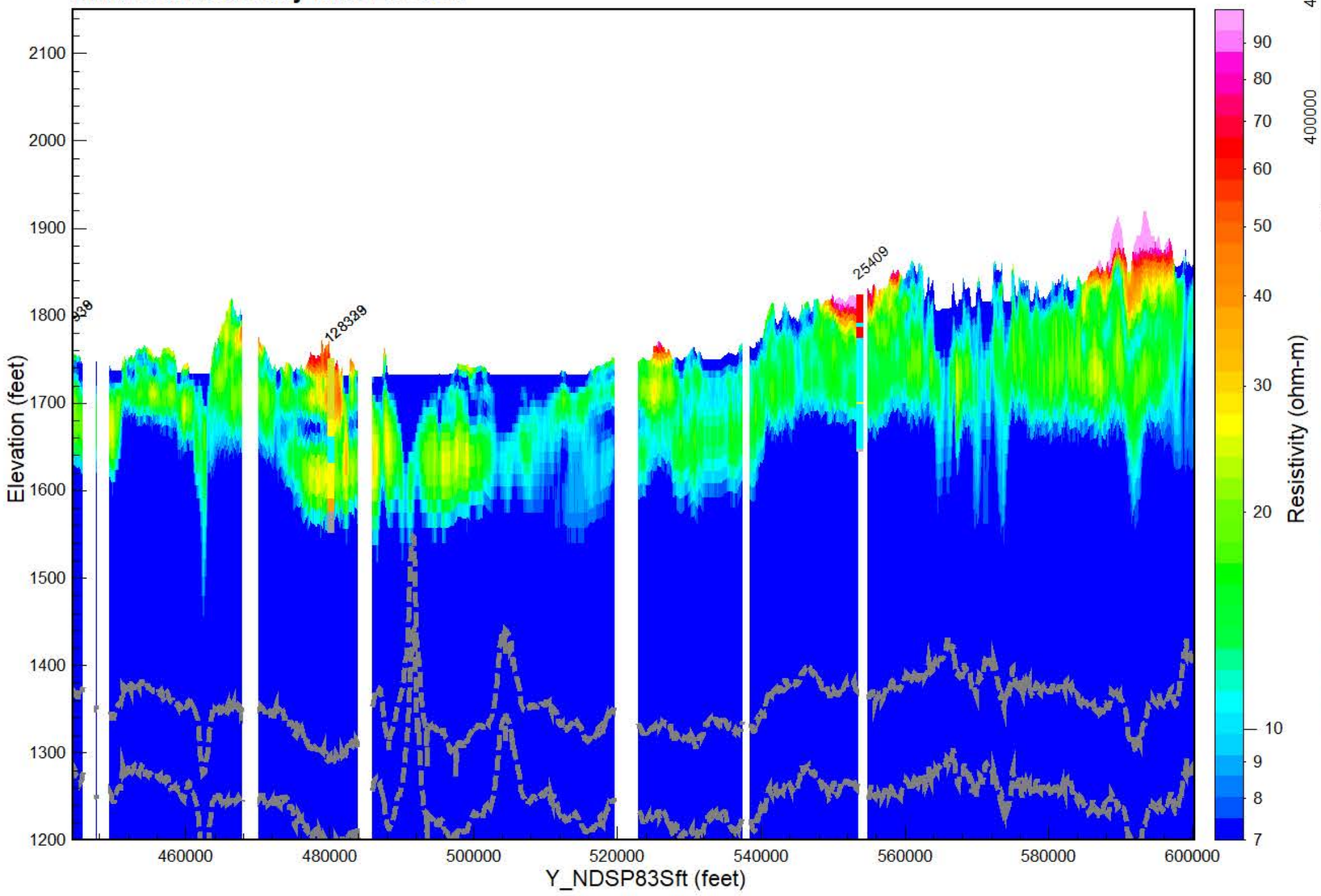
Flight Location Line L190302



AEM Survey Area 1



Final SCI Resistivity Line L190302



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

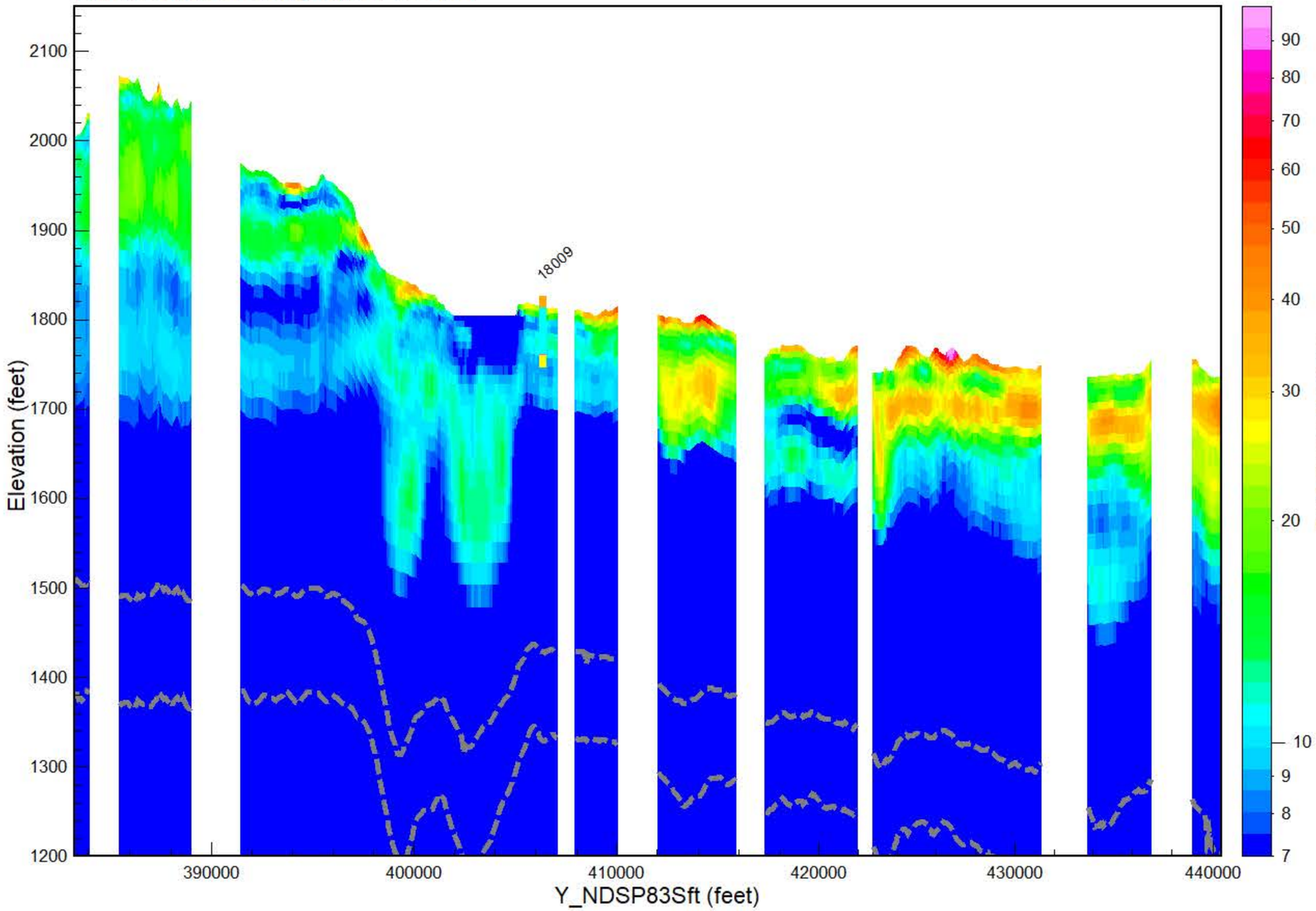
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

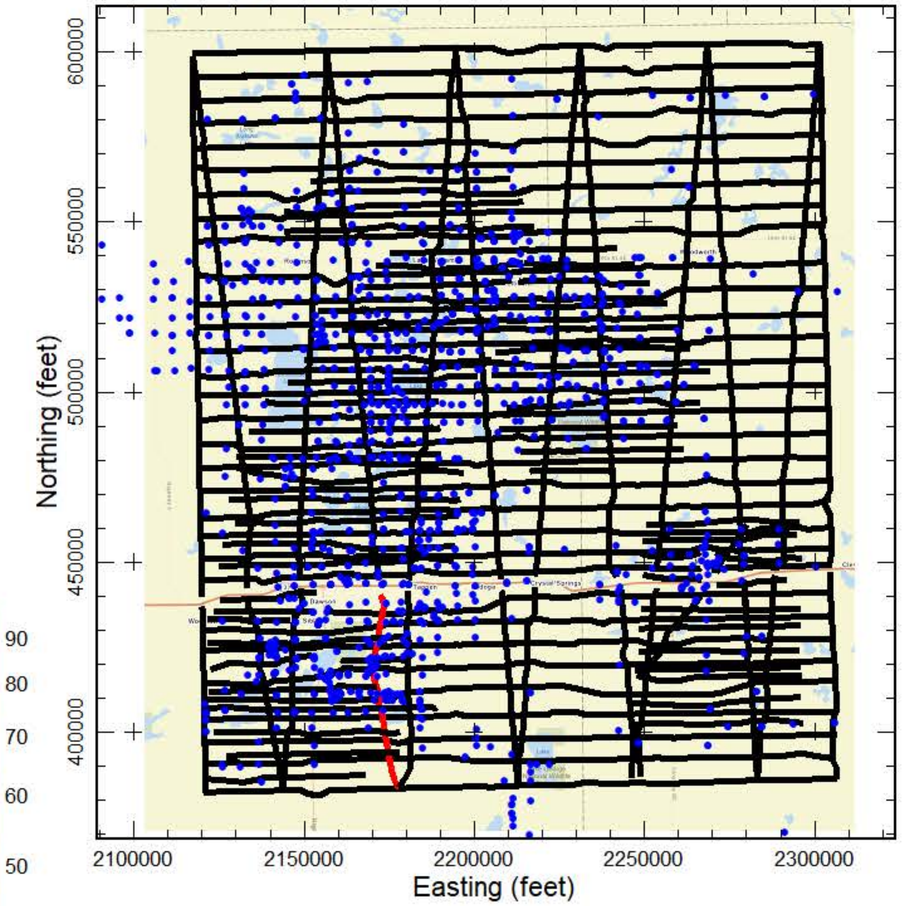
Flight Location Line L190401



Final SCI Resistivity Line L190401



AEM Survey Area 1



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

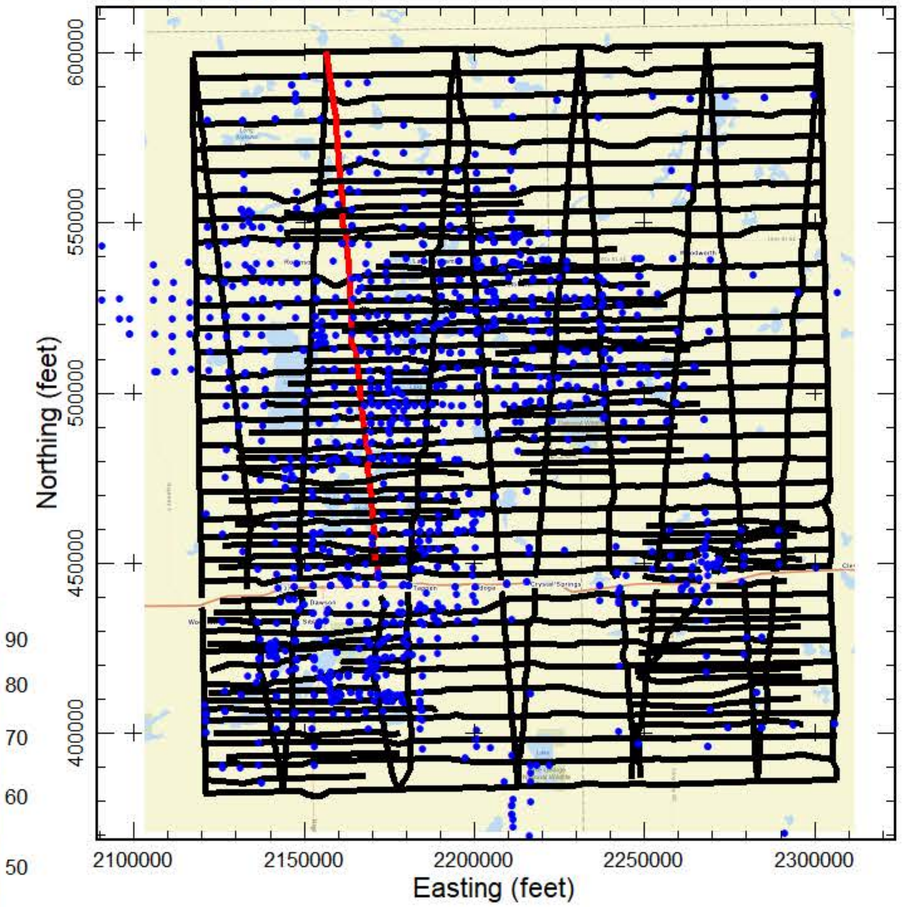
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

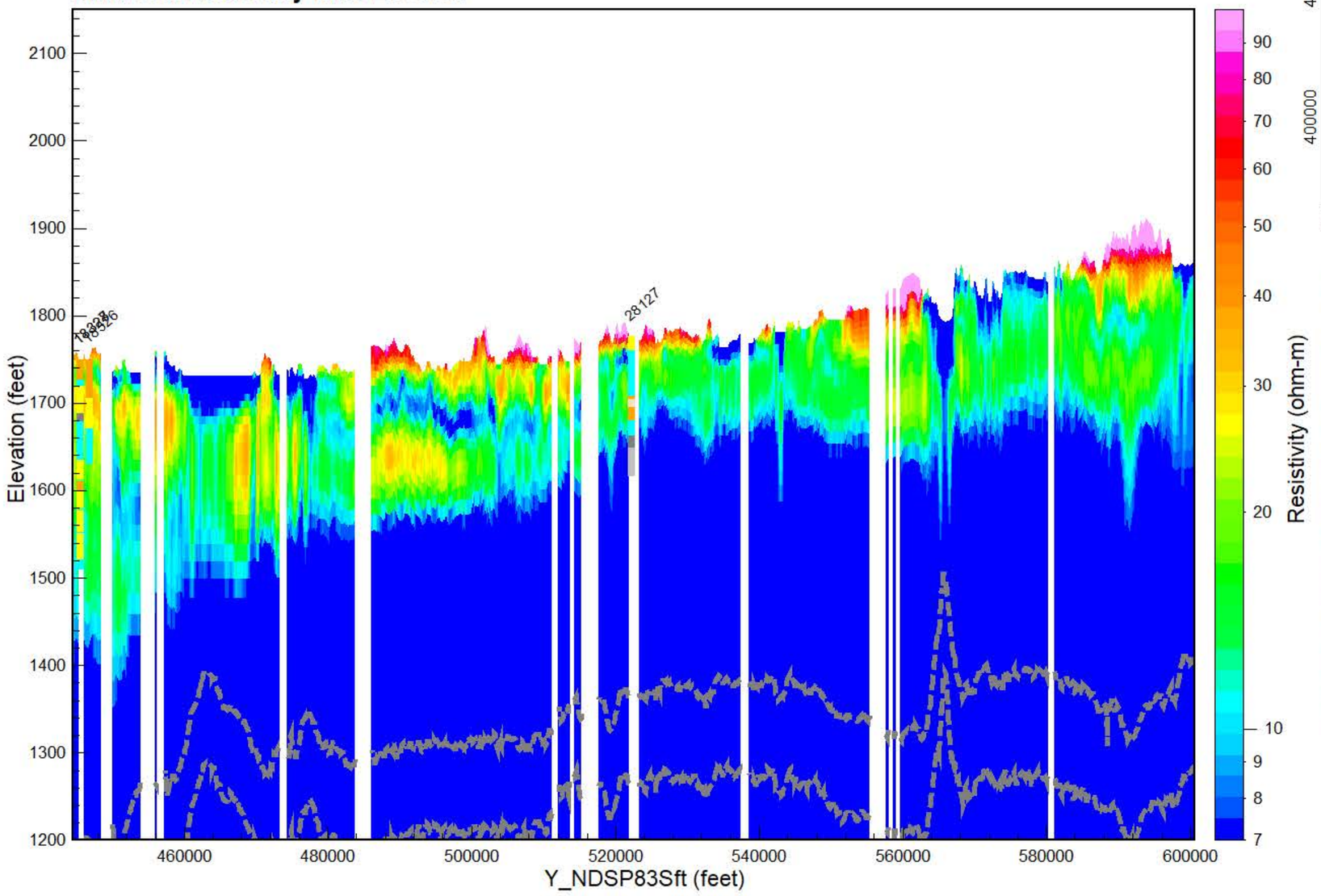
Flight Location Line L190402



AEM Survey Area 1



Final SCI Resistivity Line L190402



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

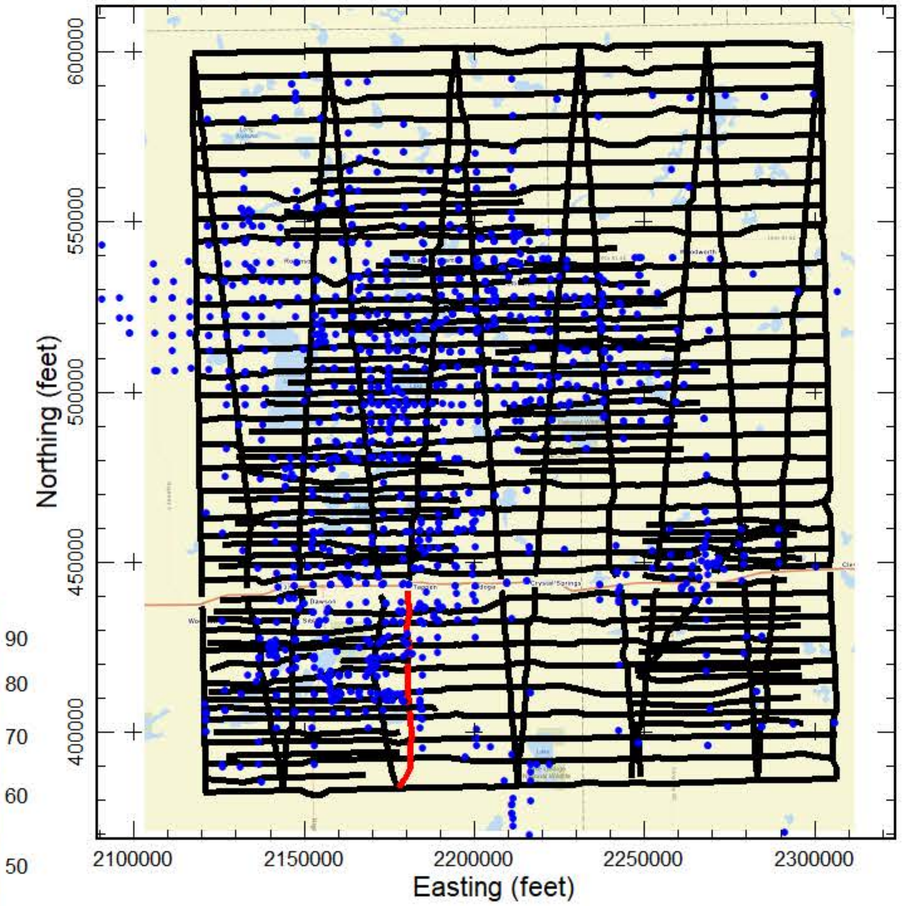
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

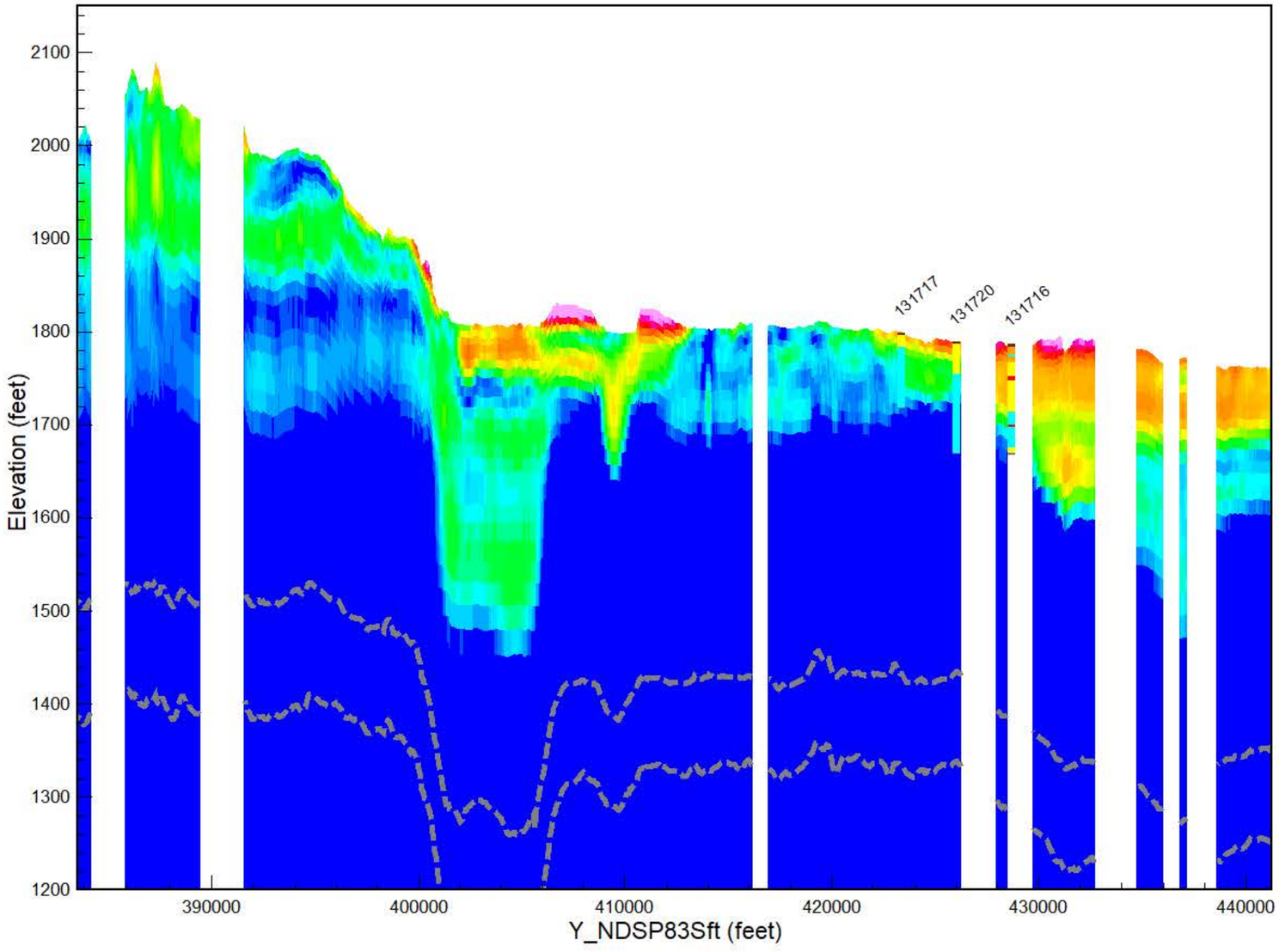
Flight Location Line L190501

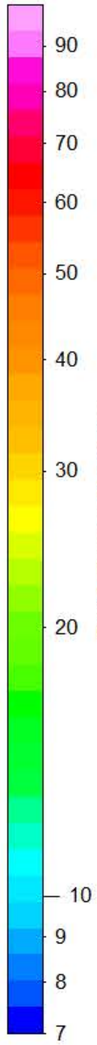


AEM Survey Area 1



Final SCI Resistivity Line L190501





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

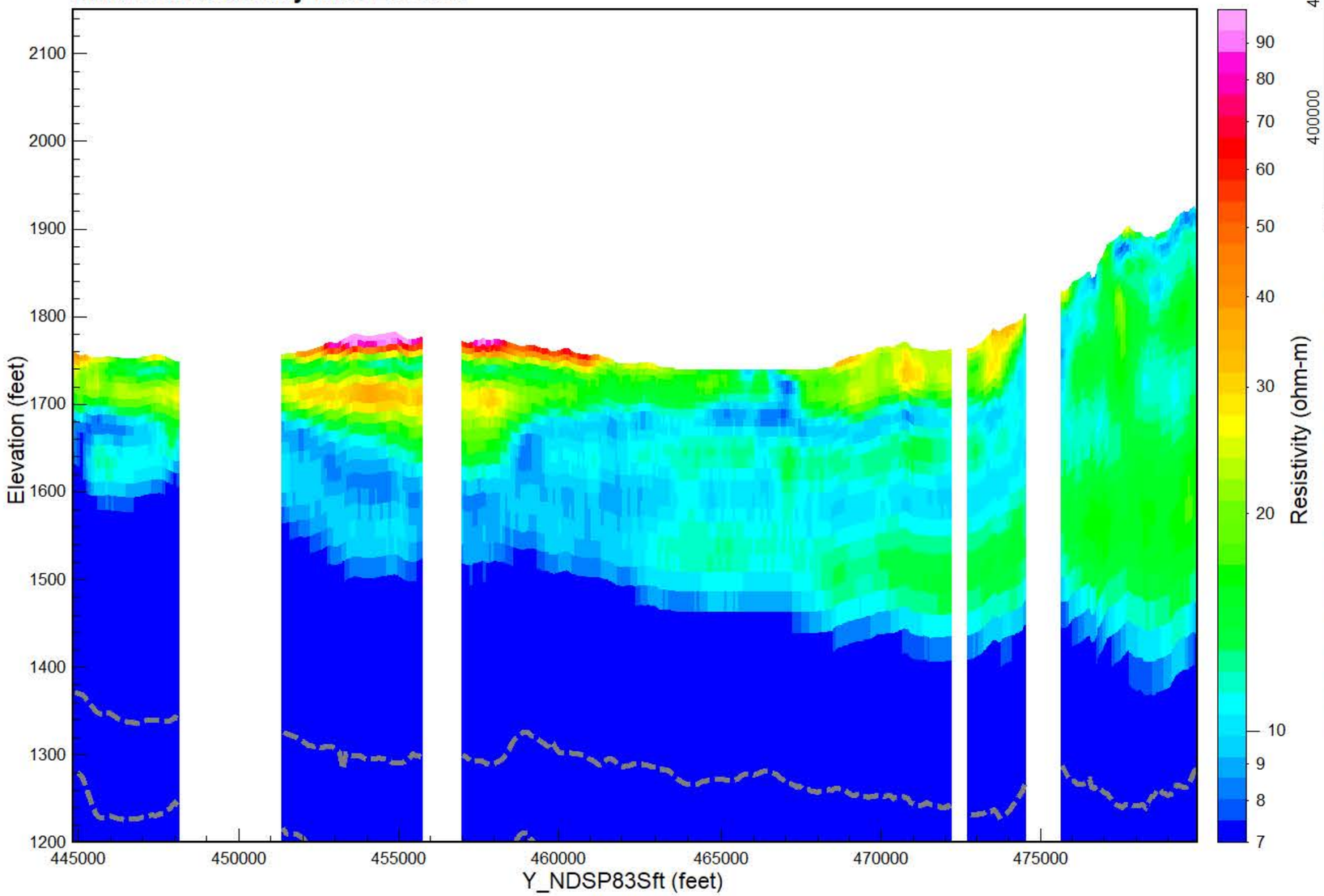
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

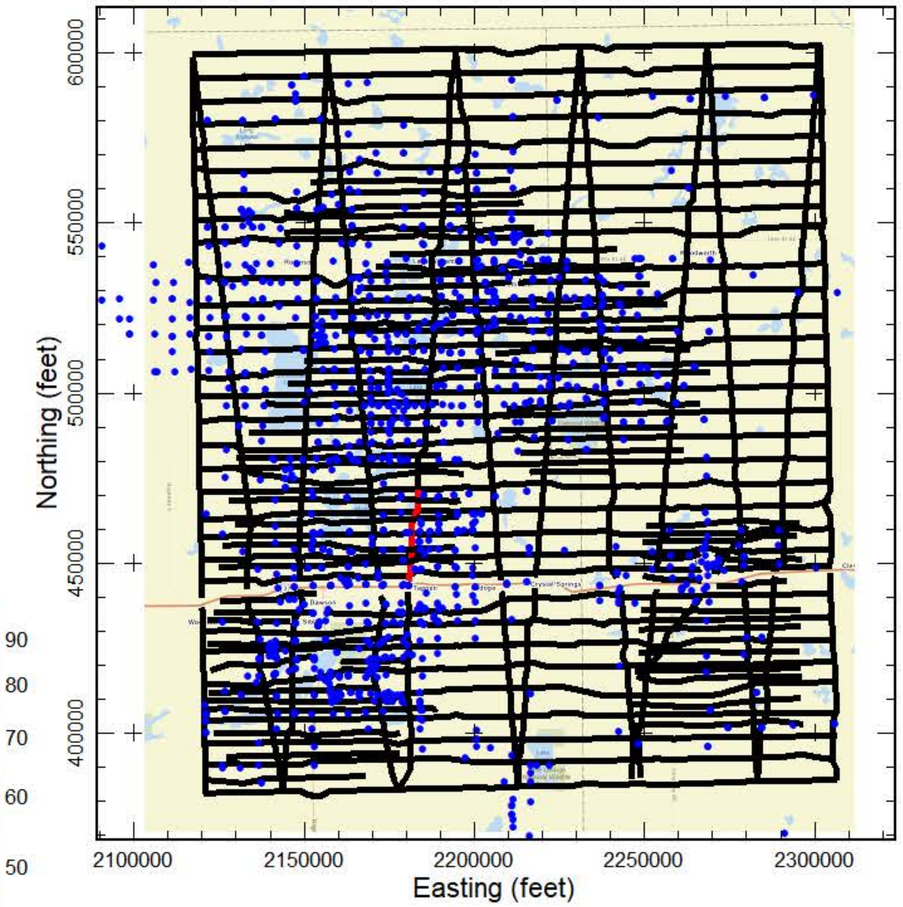
Flight Location Line L190502



Final SCI Resistivity Line L190502



AEM Survey Area 1

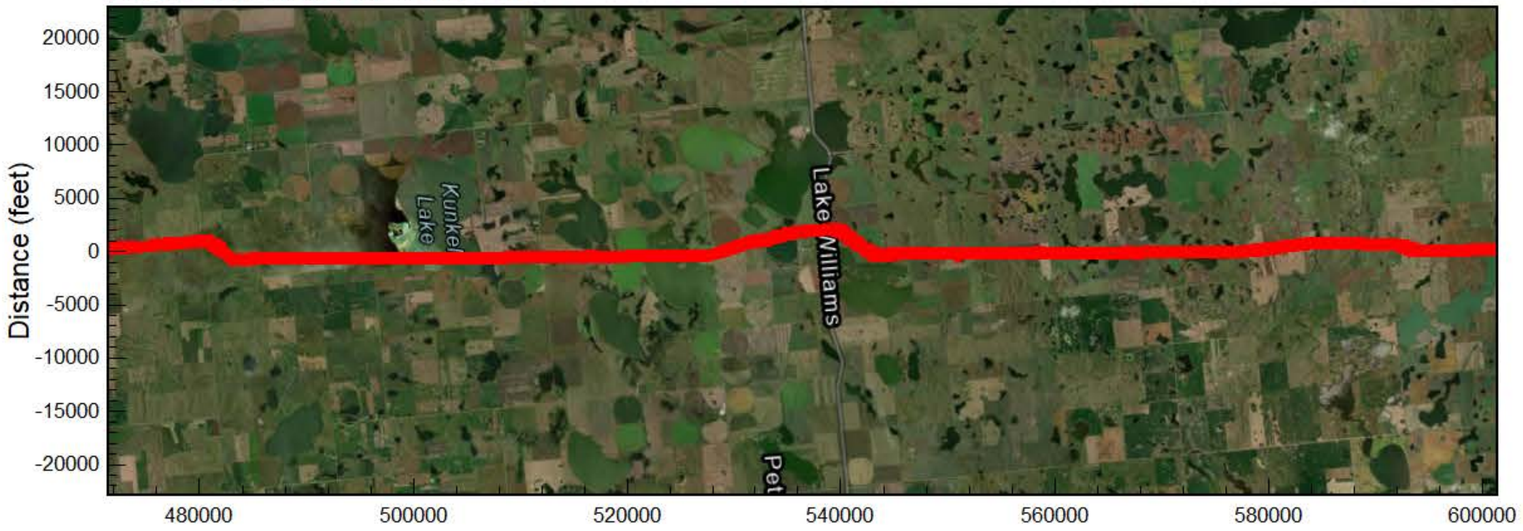


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

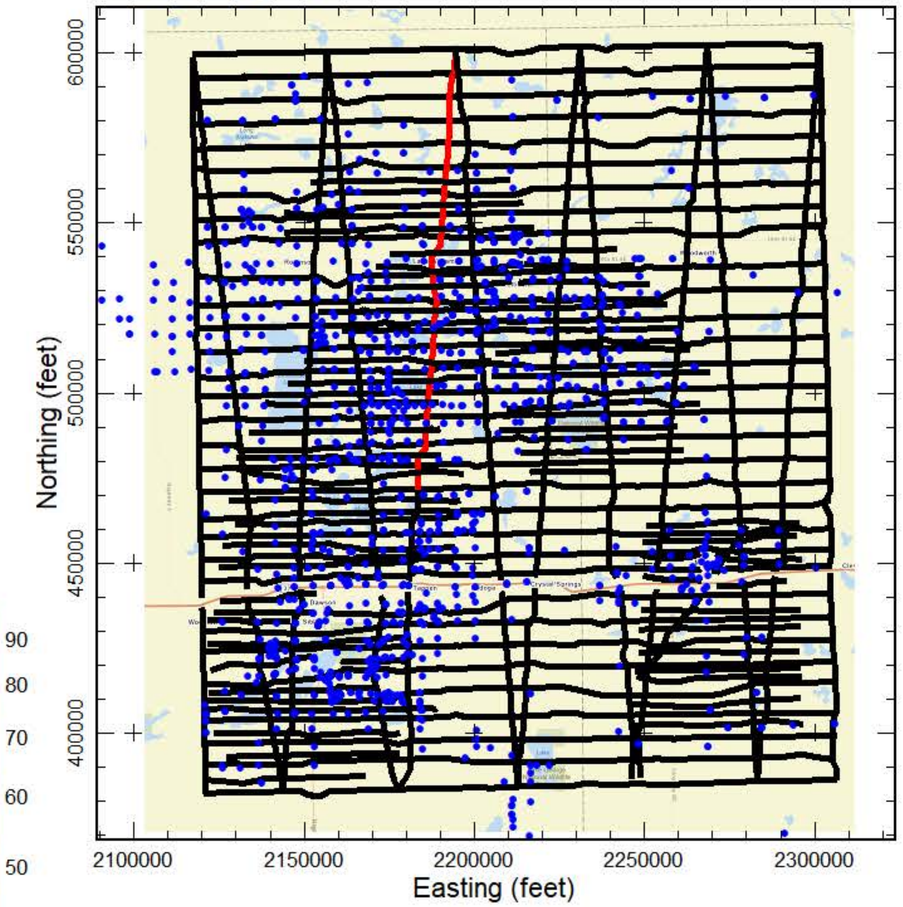
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

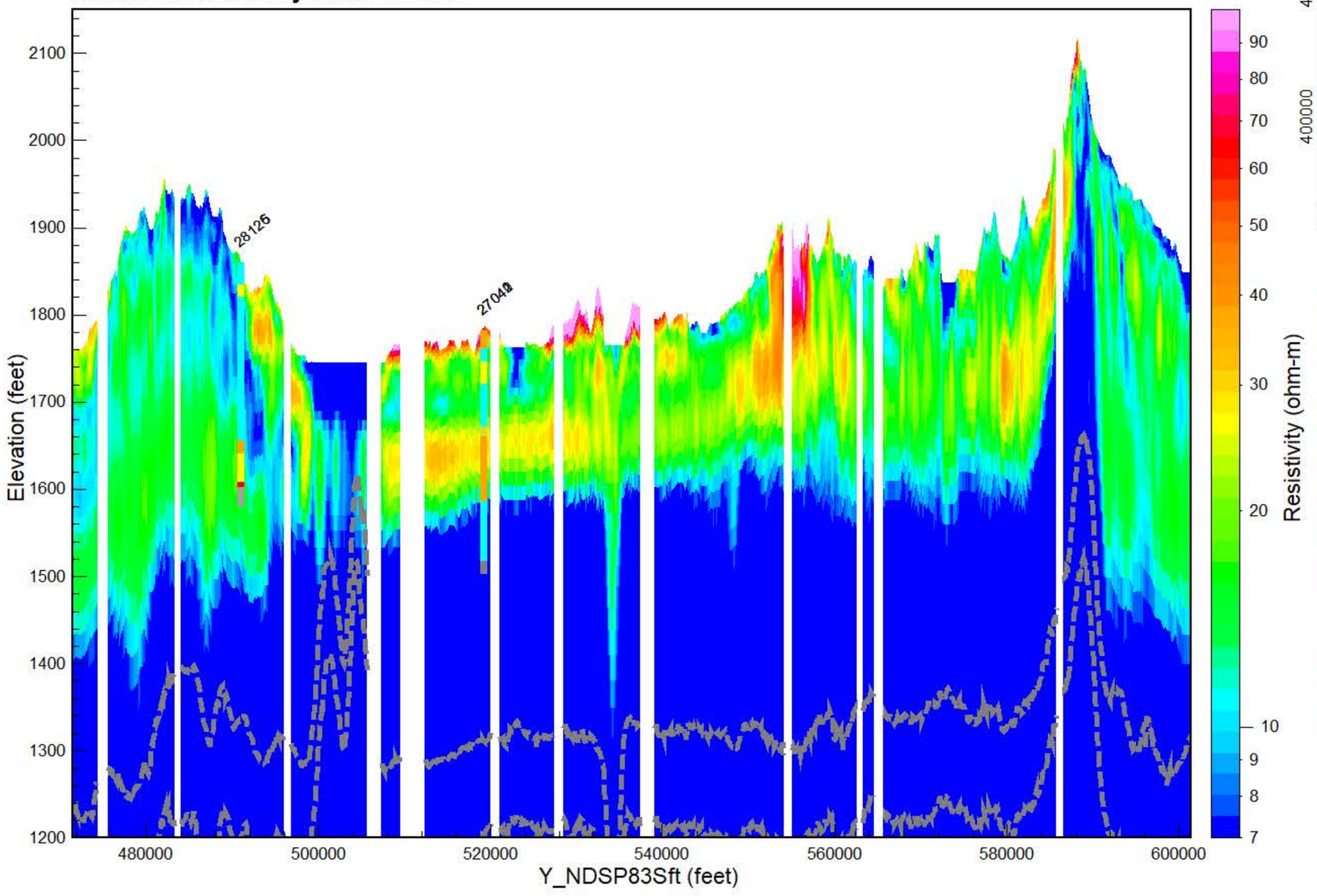
Flight Location Line L190503



AEM Survey Area 1



Final SCI Resistivity Line L190503



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

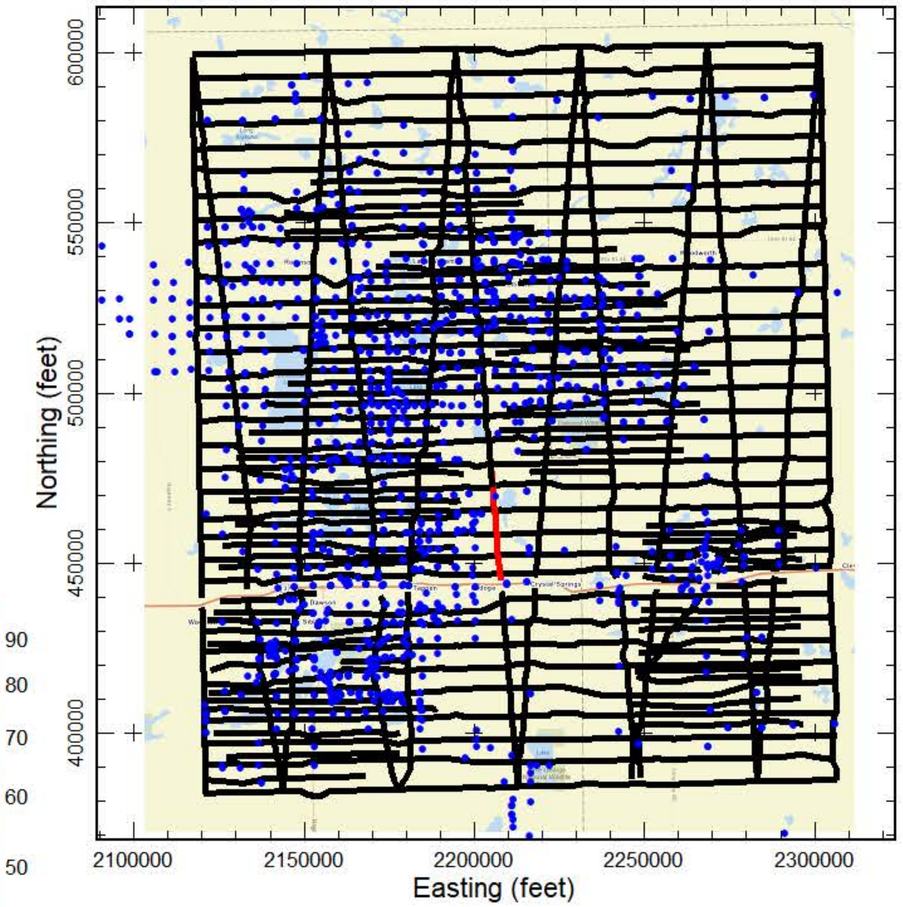
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

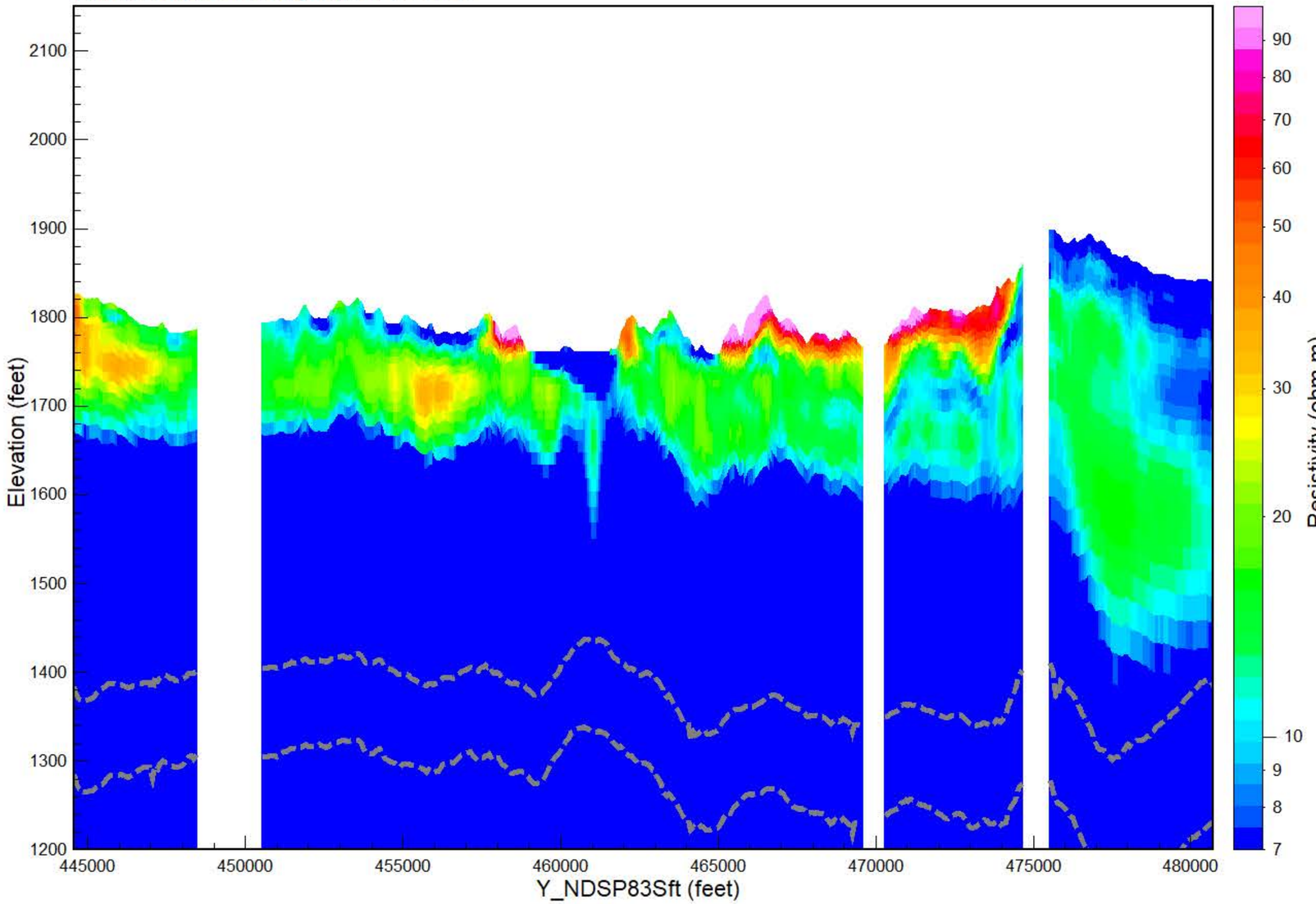
Flight Location Line L190602



AEM Survey Area 1



Final SCI Resistivity Line L190602

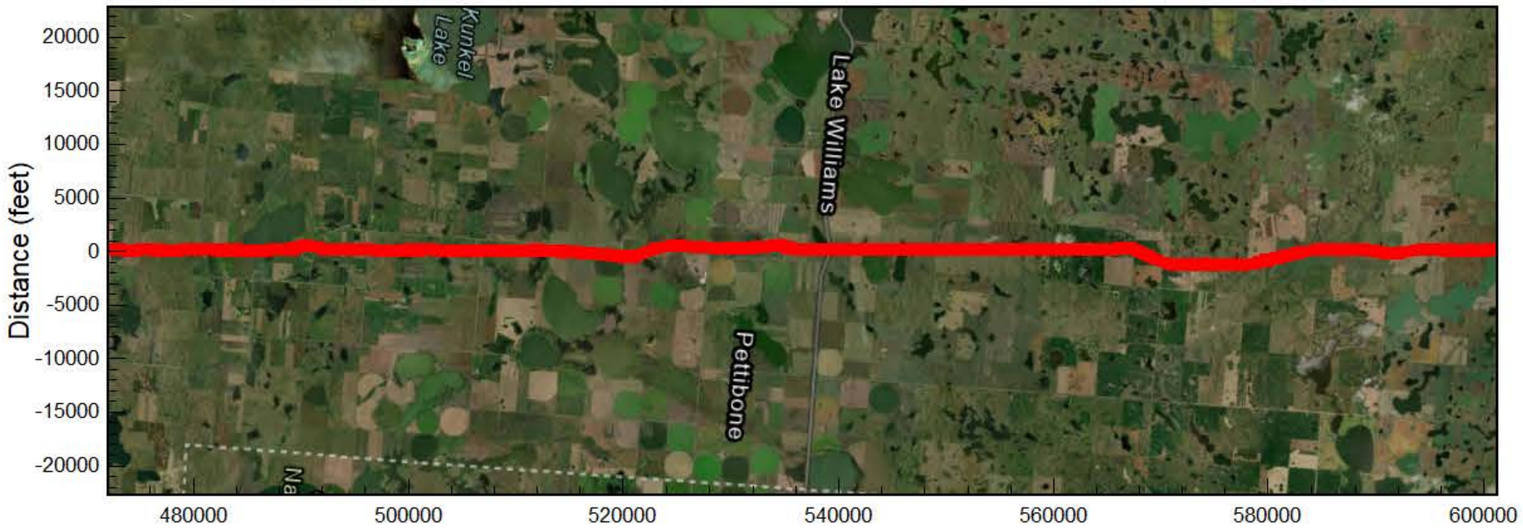


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

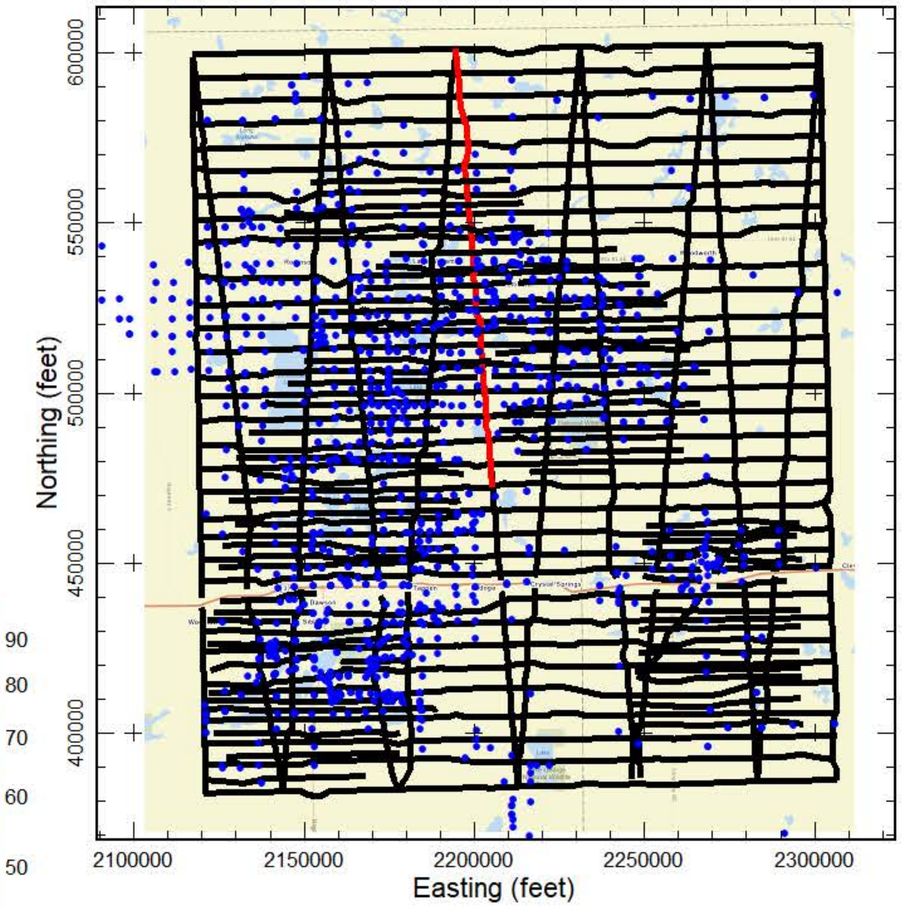
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

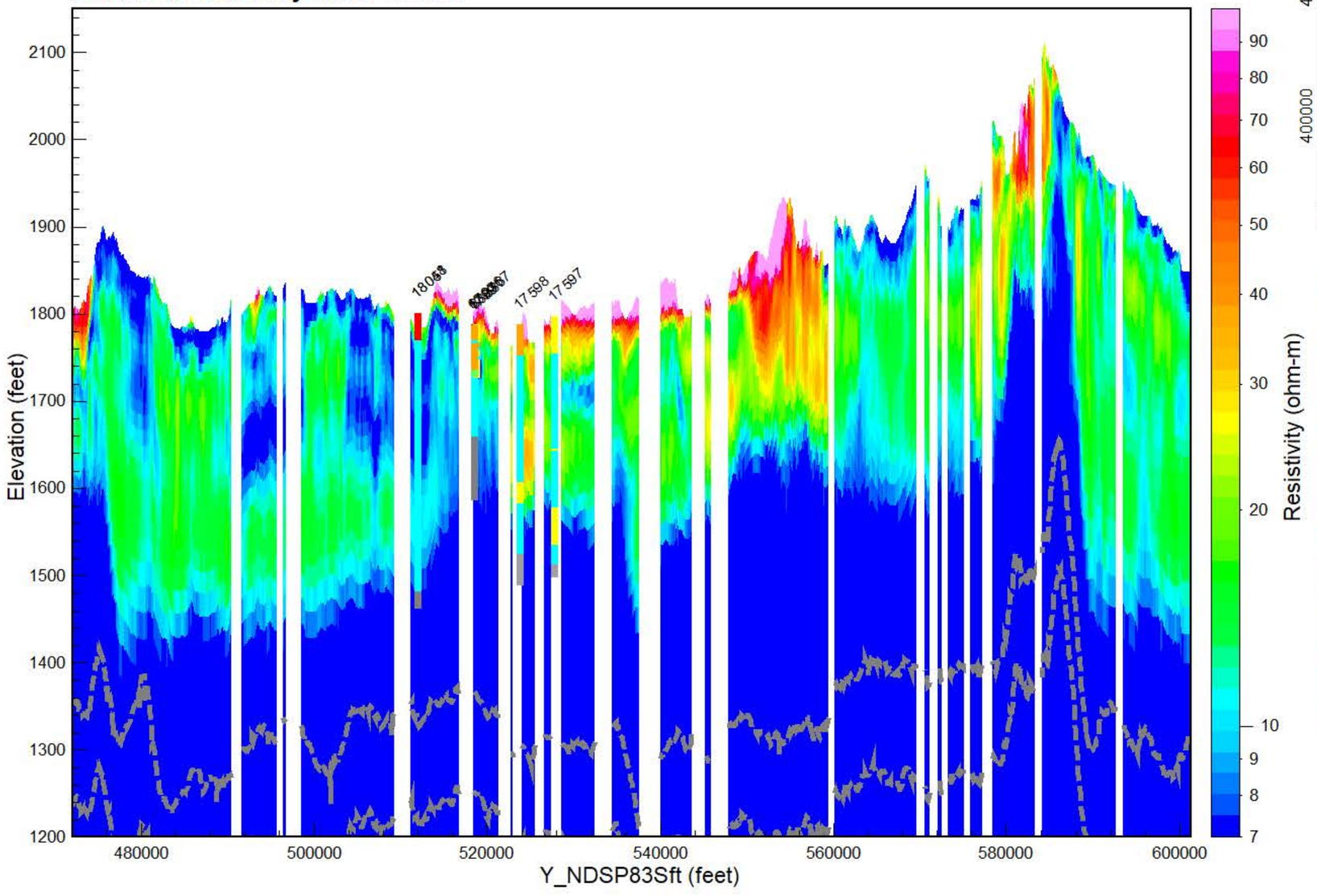
Flight Location Line L190603



AEM Survey Area 1



Final SCI Resistivity Line L190603

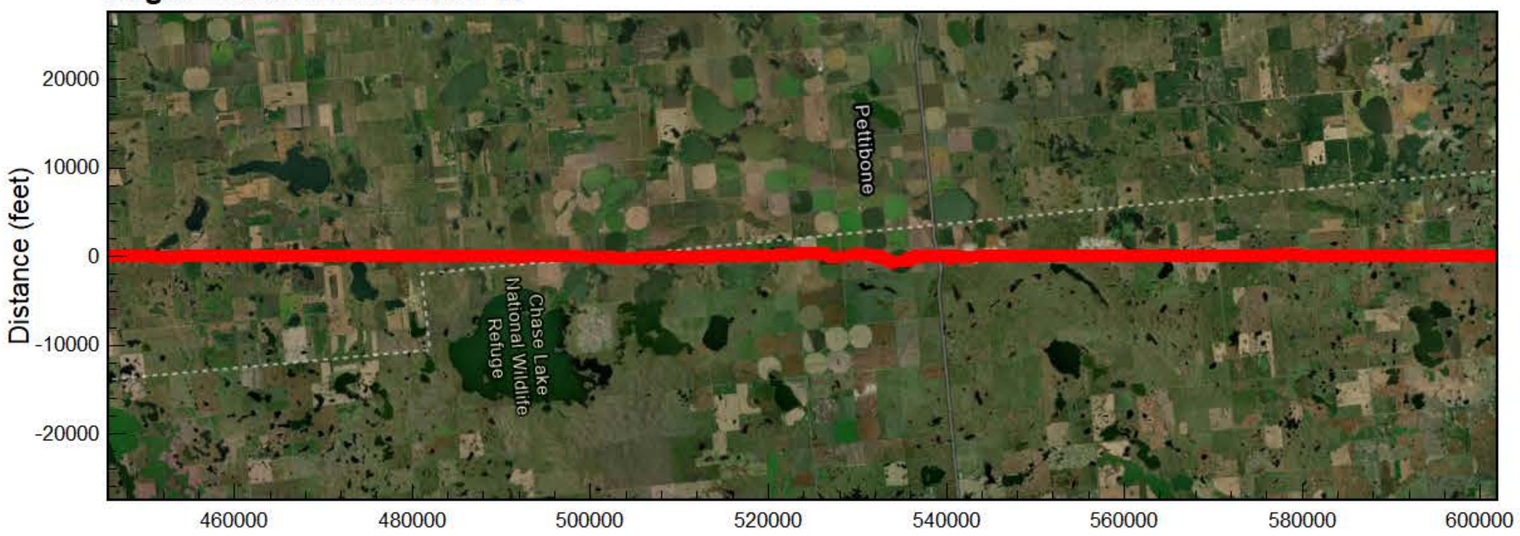


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

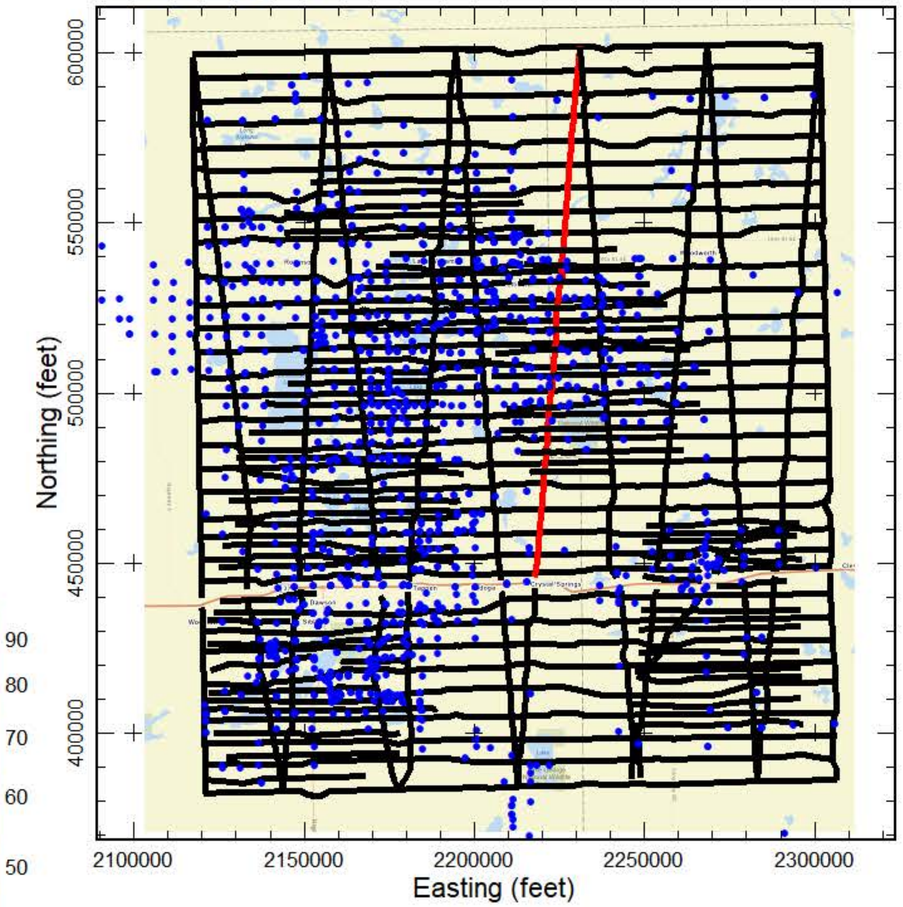
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

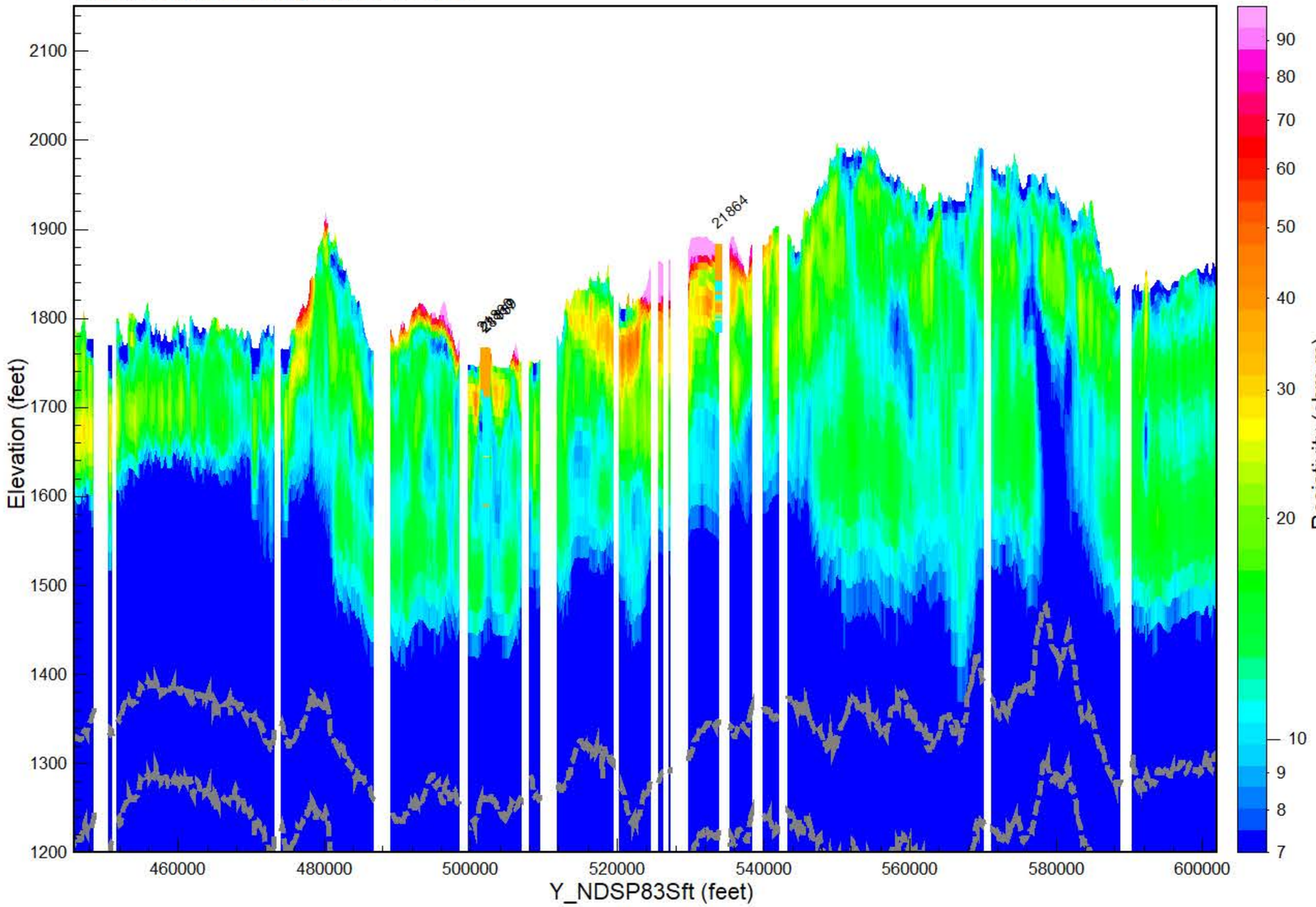
Flight Location Line L190702



AEM Survey Area 1



Final SCI Resistivity Line L190702

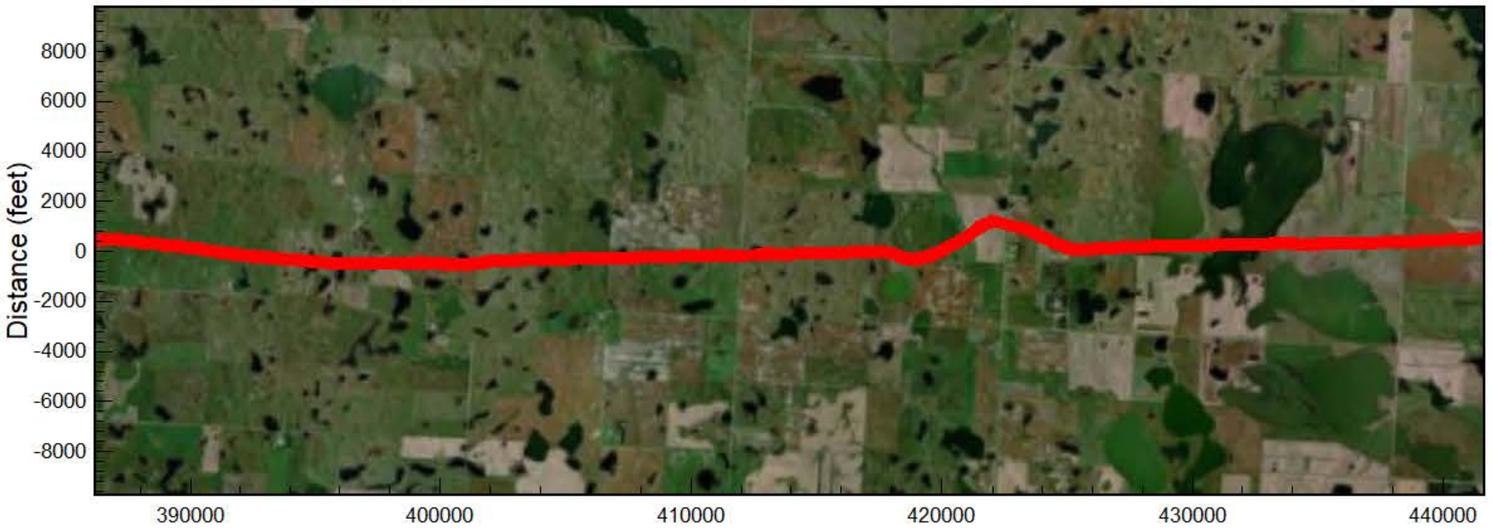


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

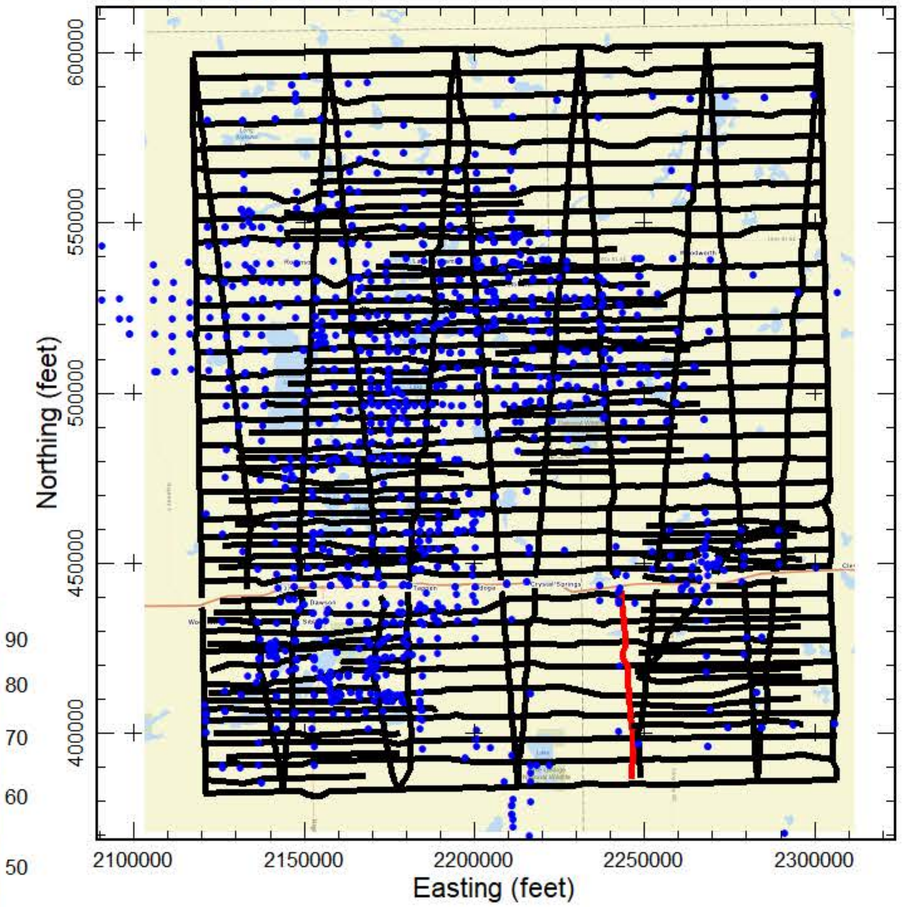
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

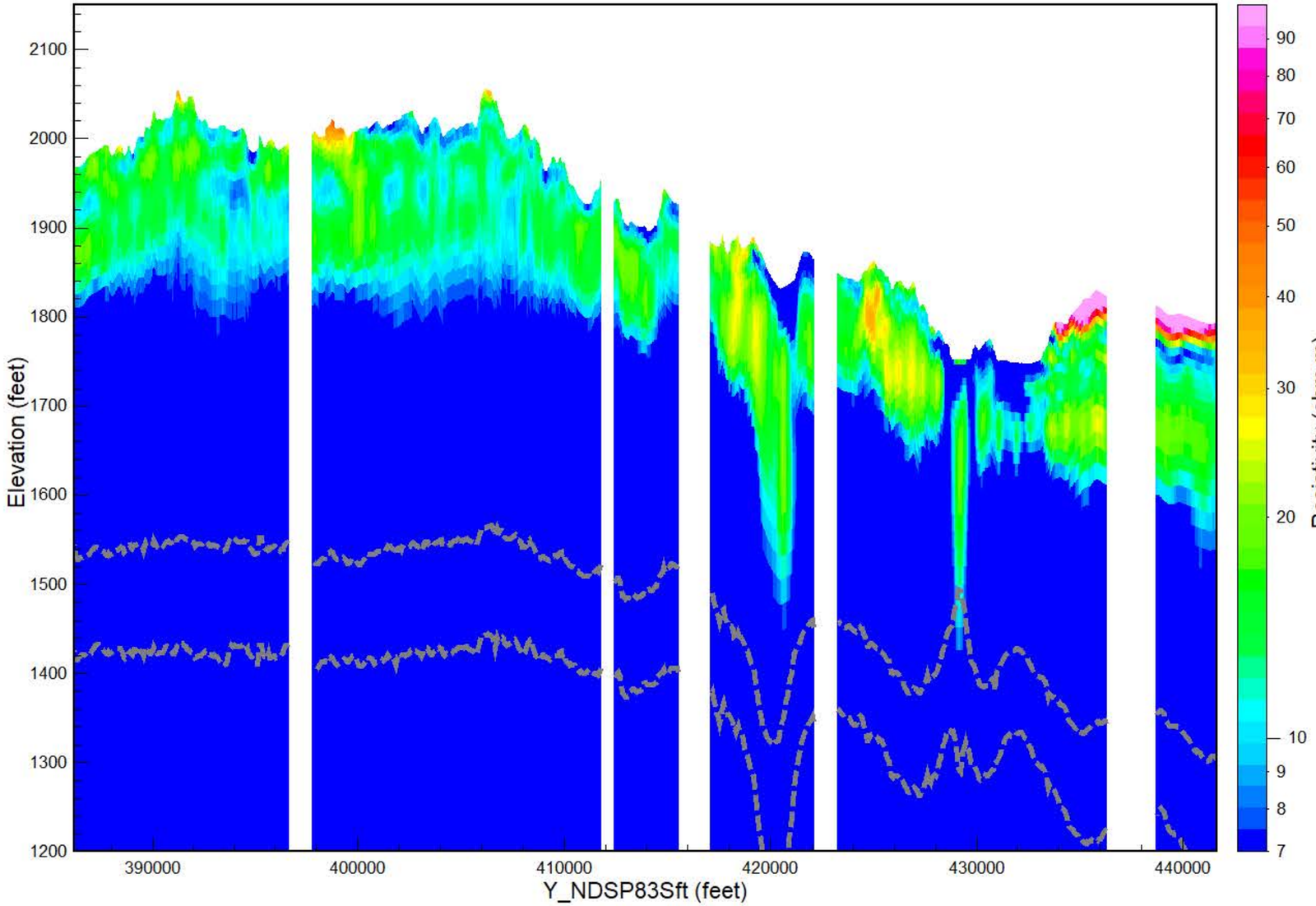
Flight Location Line L190801



AEM Survey Area 1



Final SCI Resistivity Line L190801

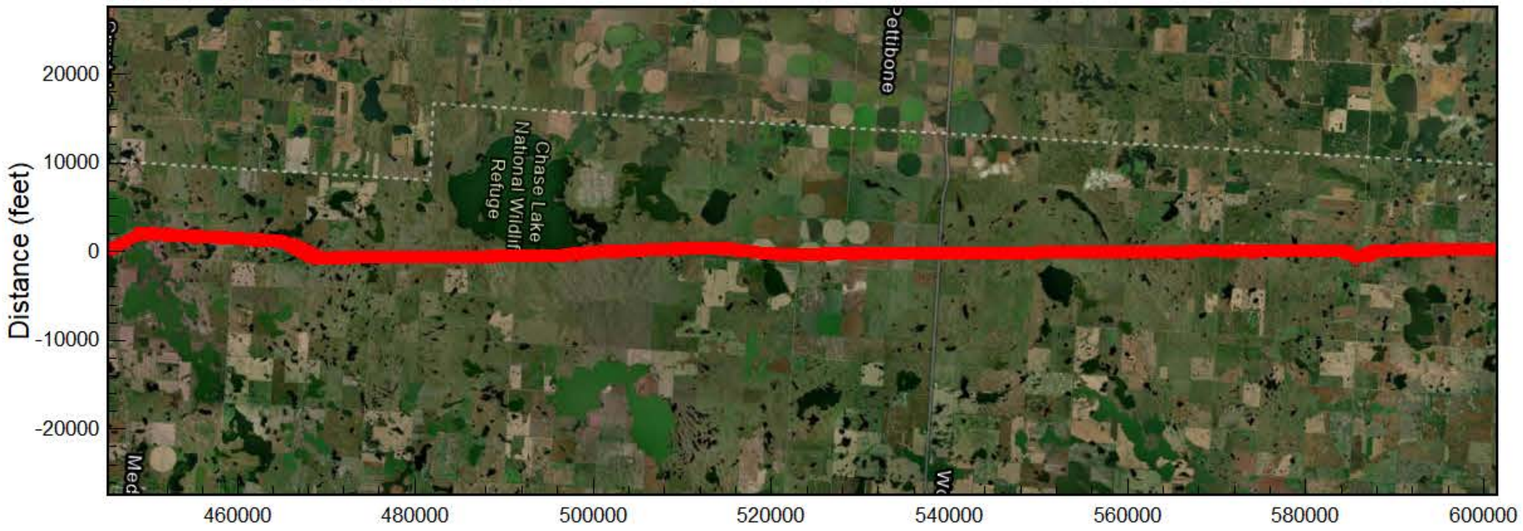


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

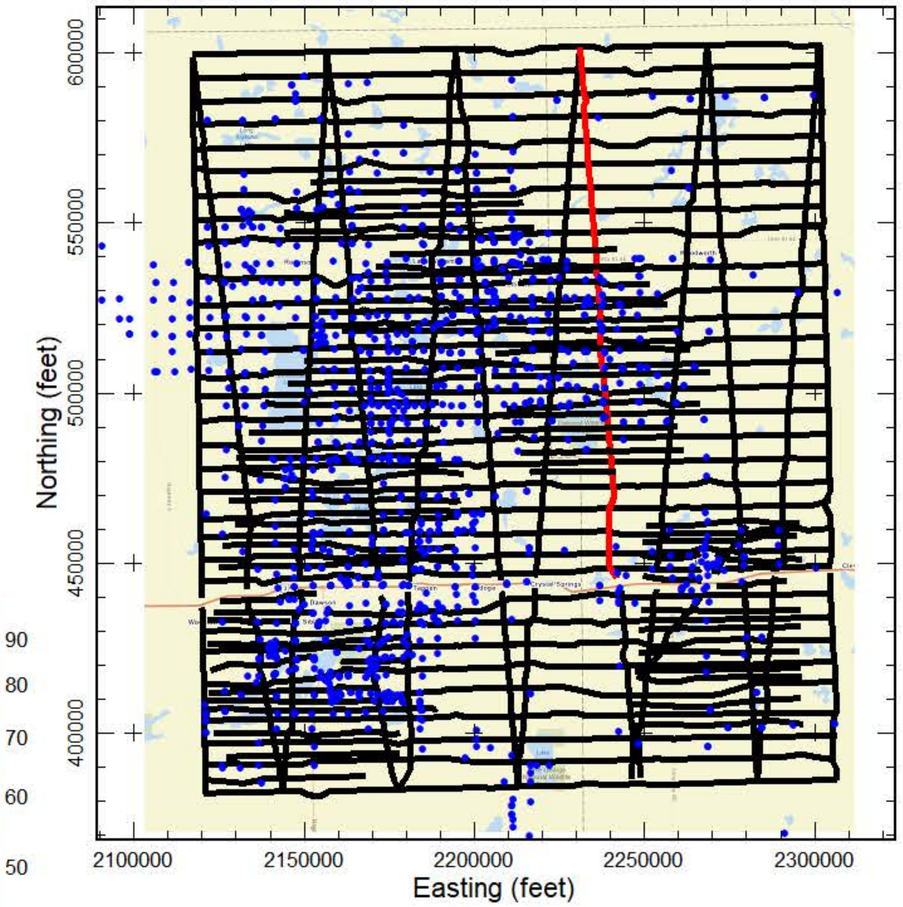
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

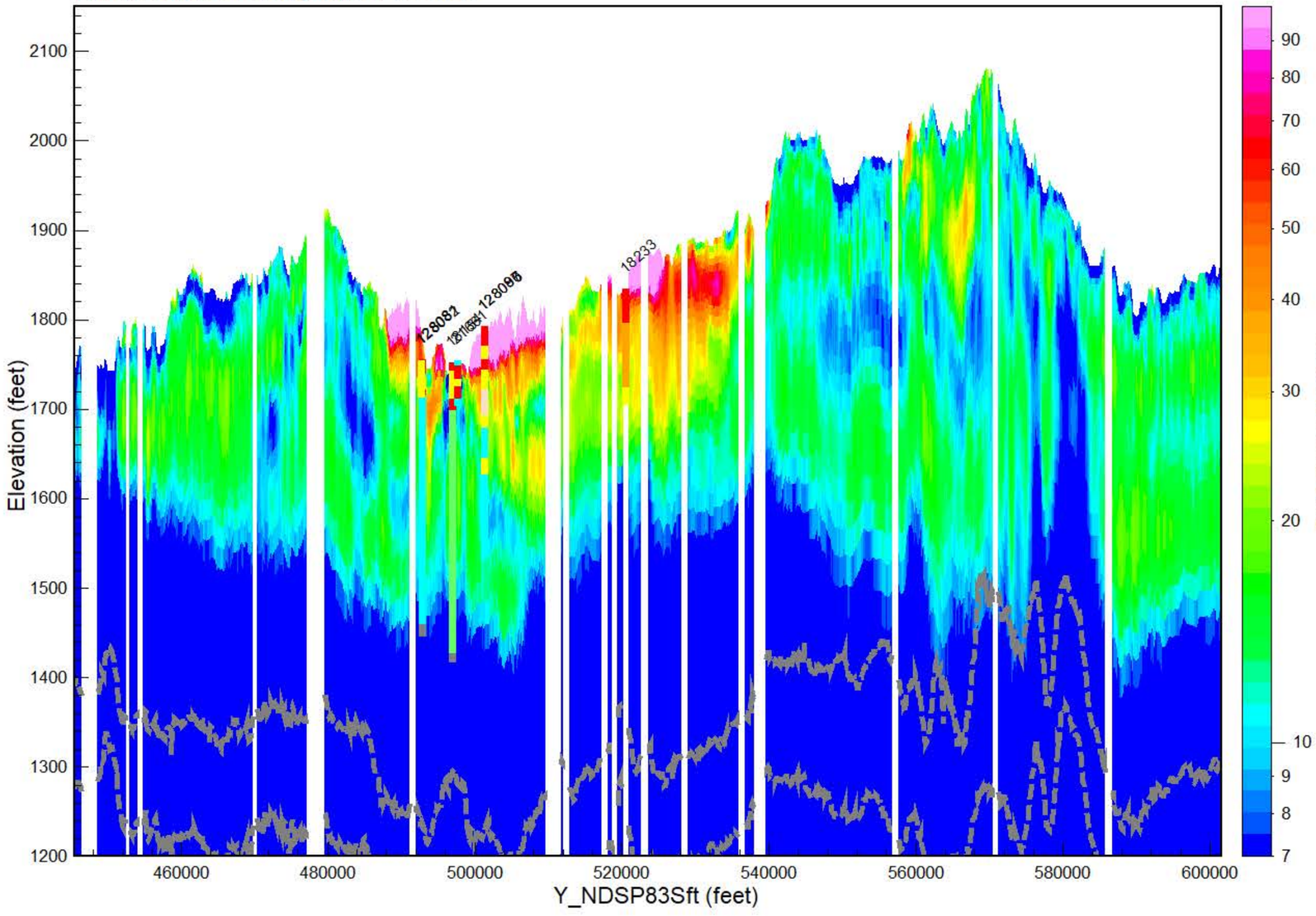
Flight Location Line L190802



AEM Survey Area 1



Final SCI Resistivity Line L190802



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

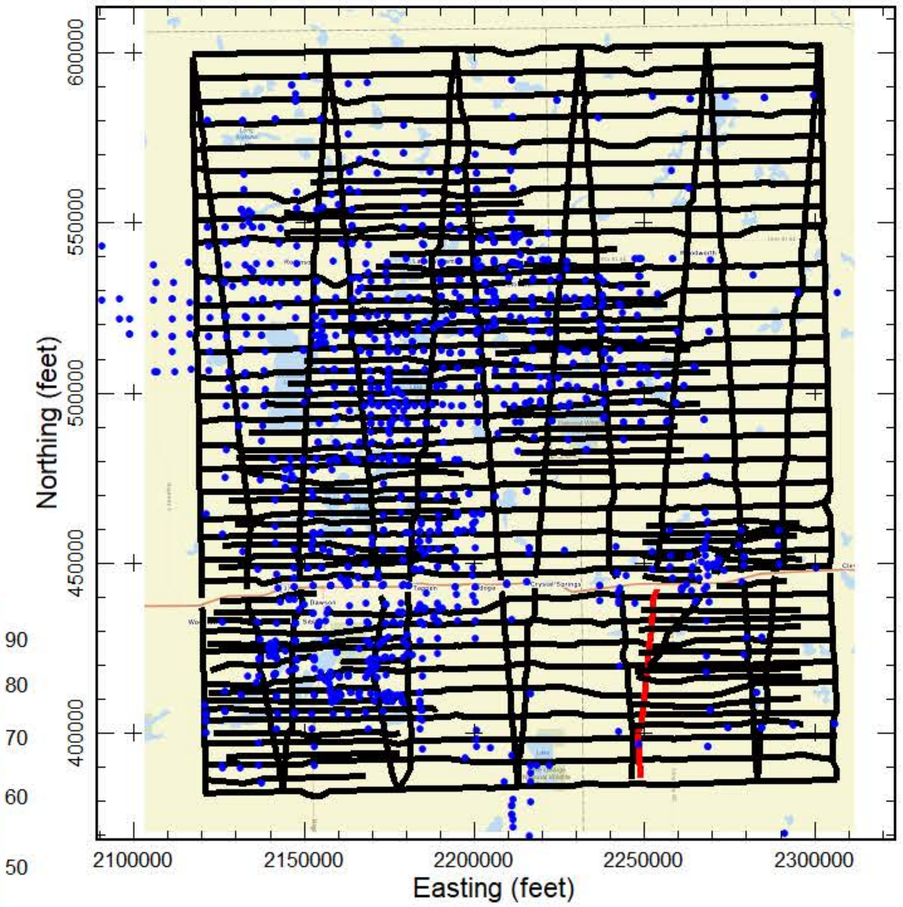
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

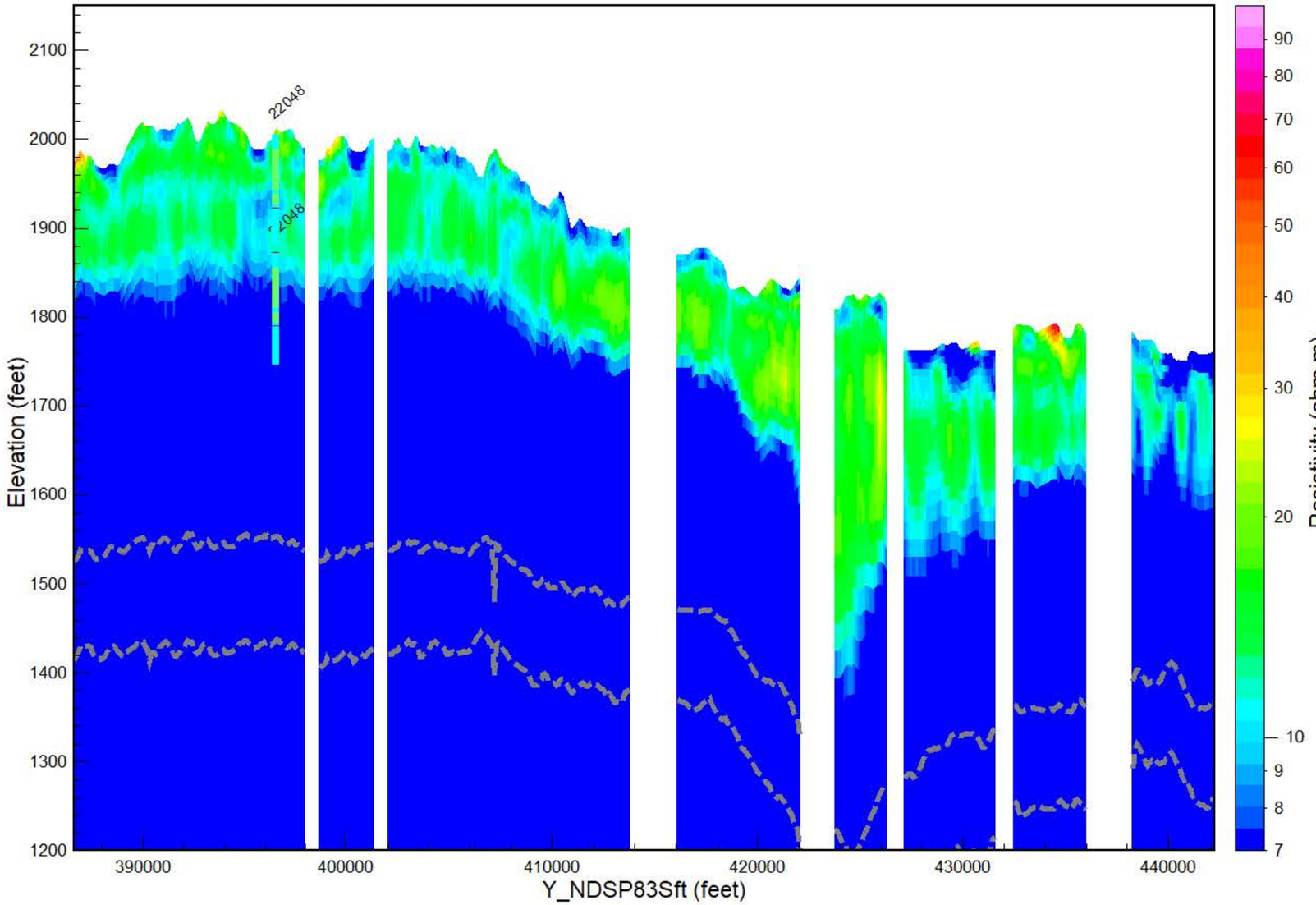
Flight Location Line L190901



AEM Survey Area 1



Final SCI Resistivity Line L190901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

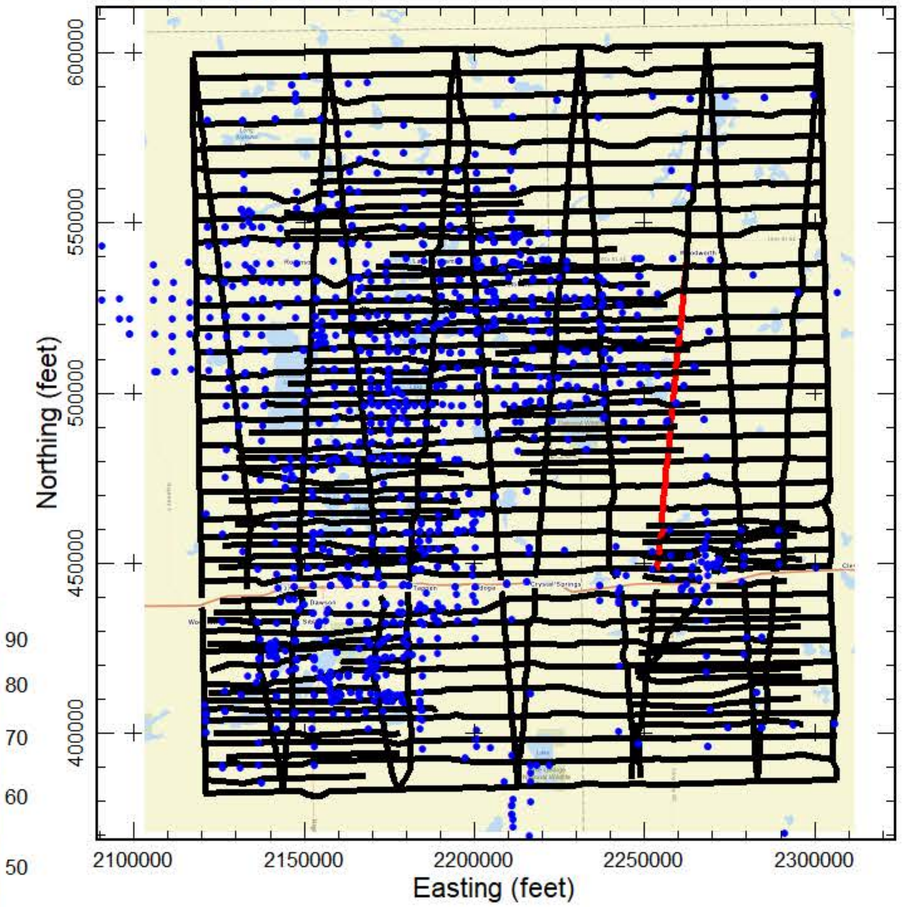
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

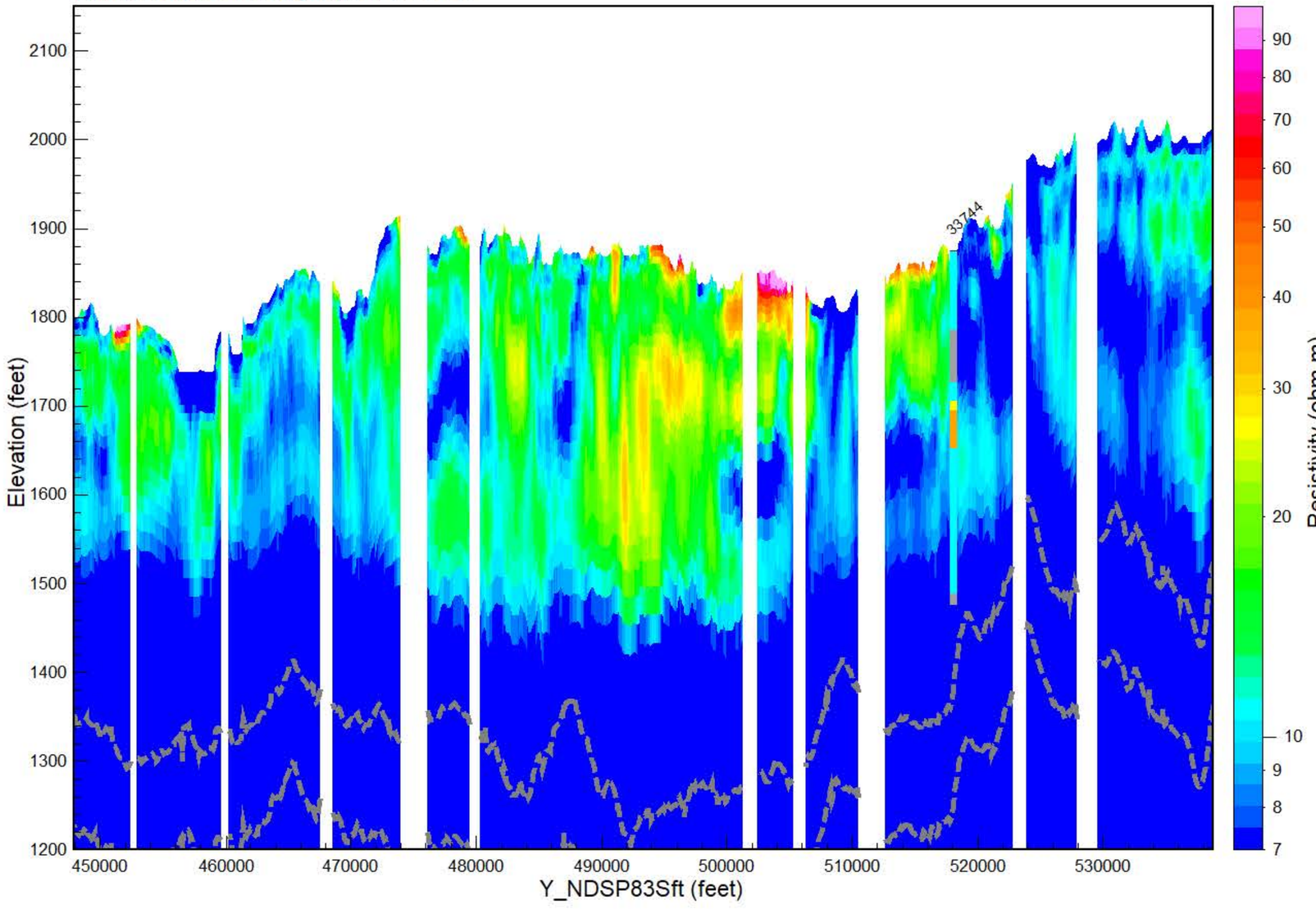
Flight Location Line L190902



AEM Survey Area 1



Final SCI Resistivity Line L190902



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

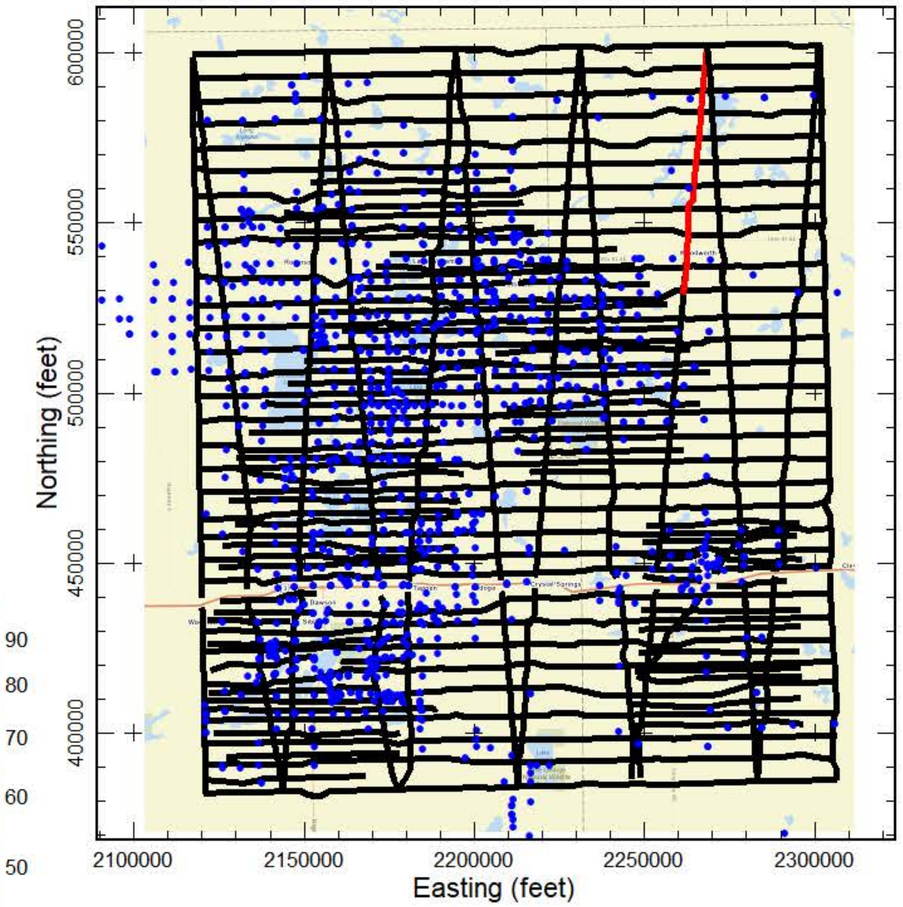
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

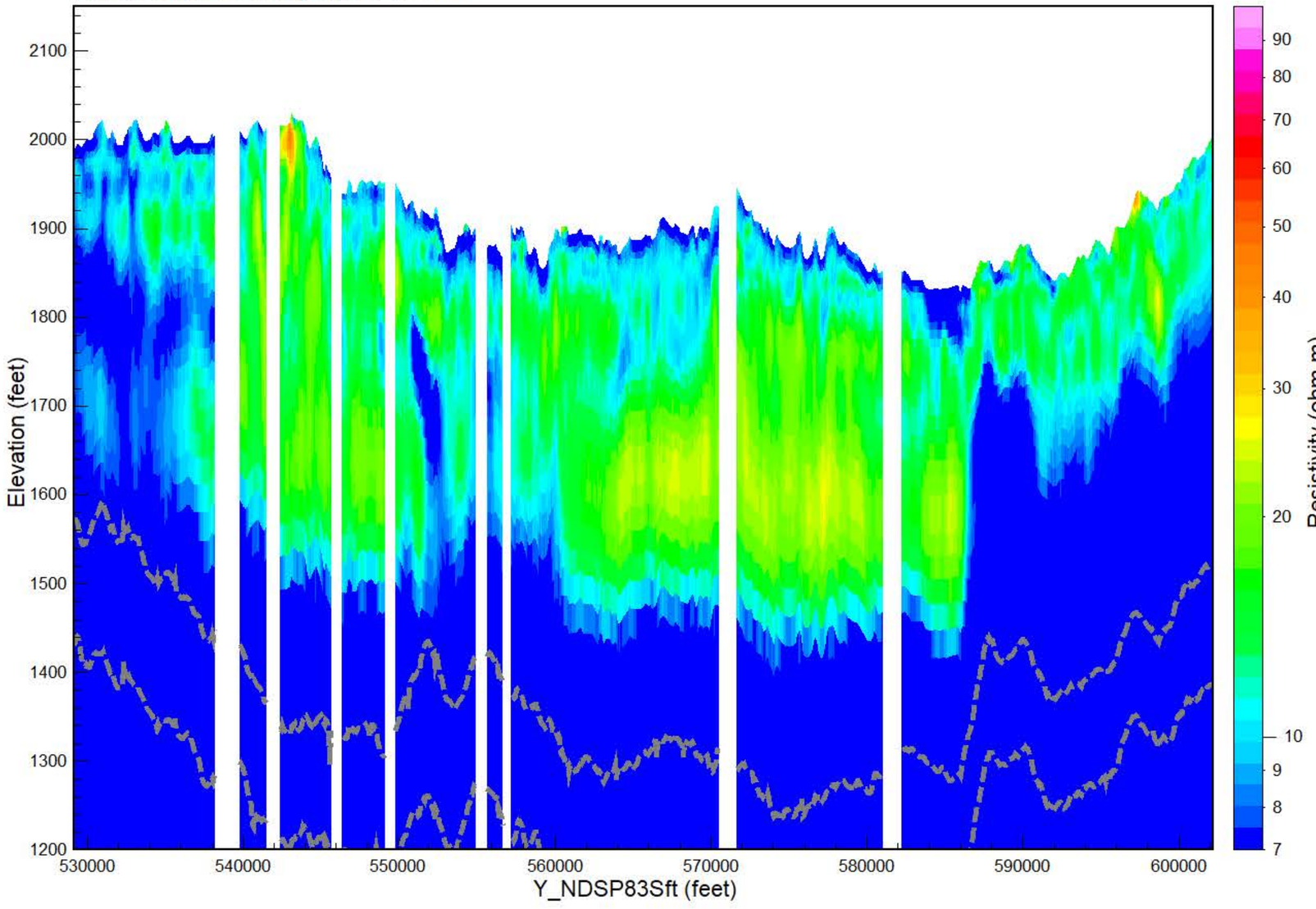
Flight Location Line L190903



AEM Survey Area 1



Final SCI Resistivity Line L190903



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

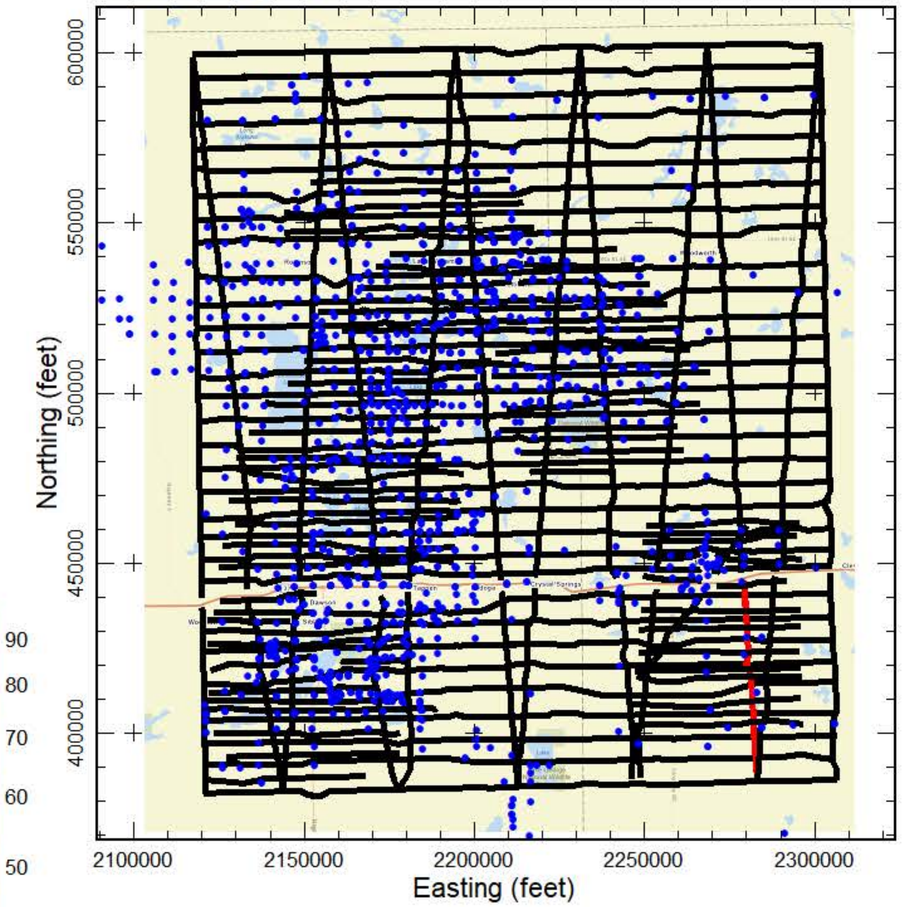
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

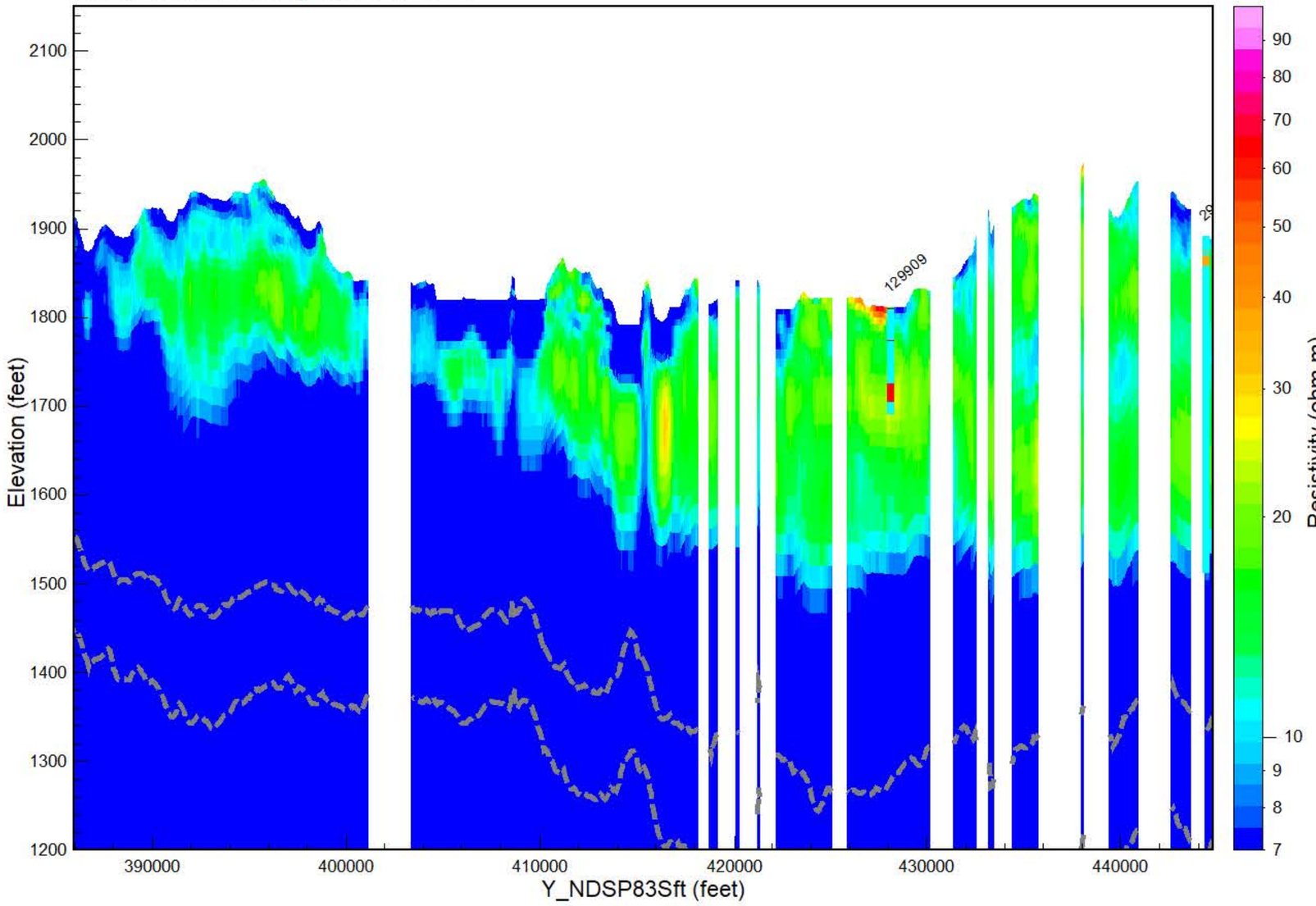
Flight Location Line L191001



AEM Survey Area 1



Final SCI Resistivity Line L191001

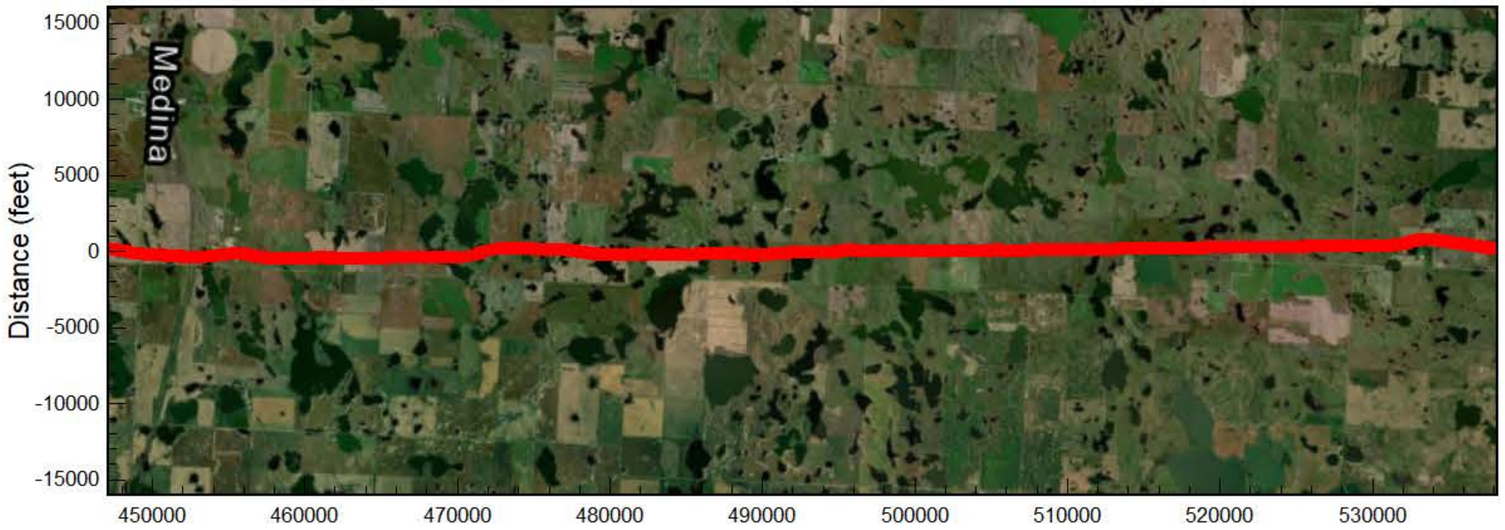


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

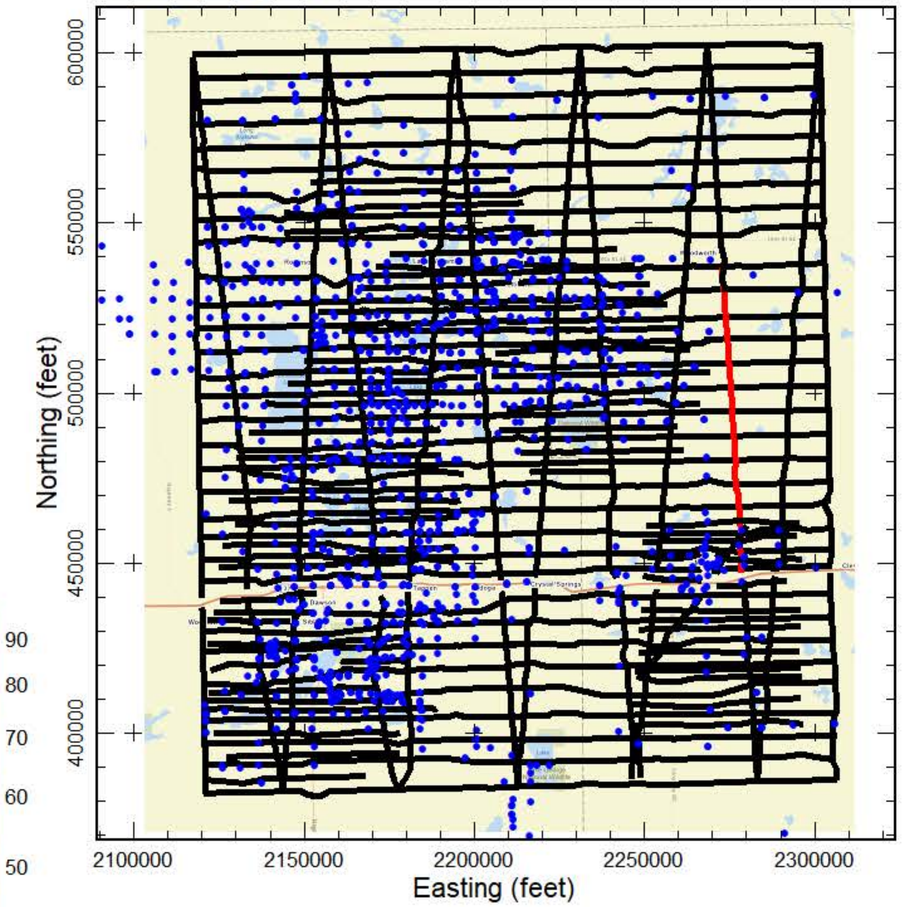
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

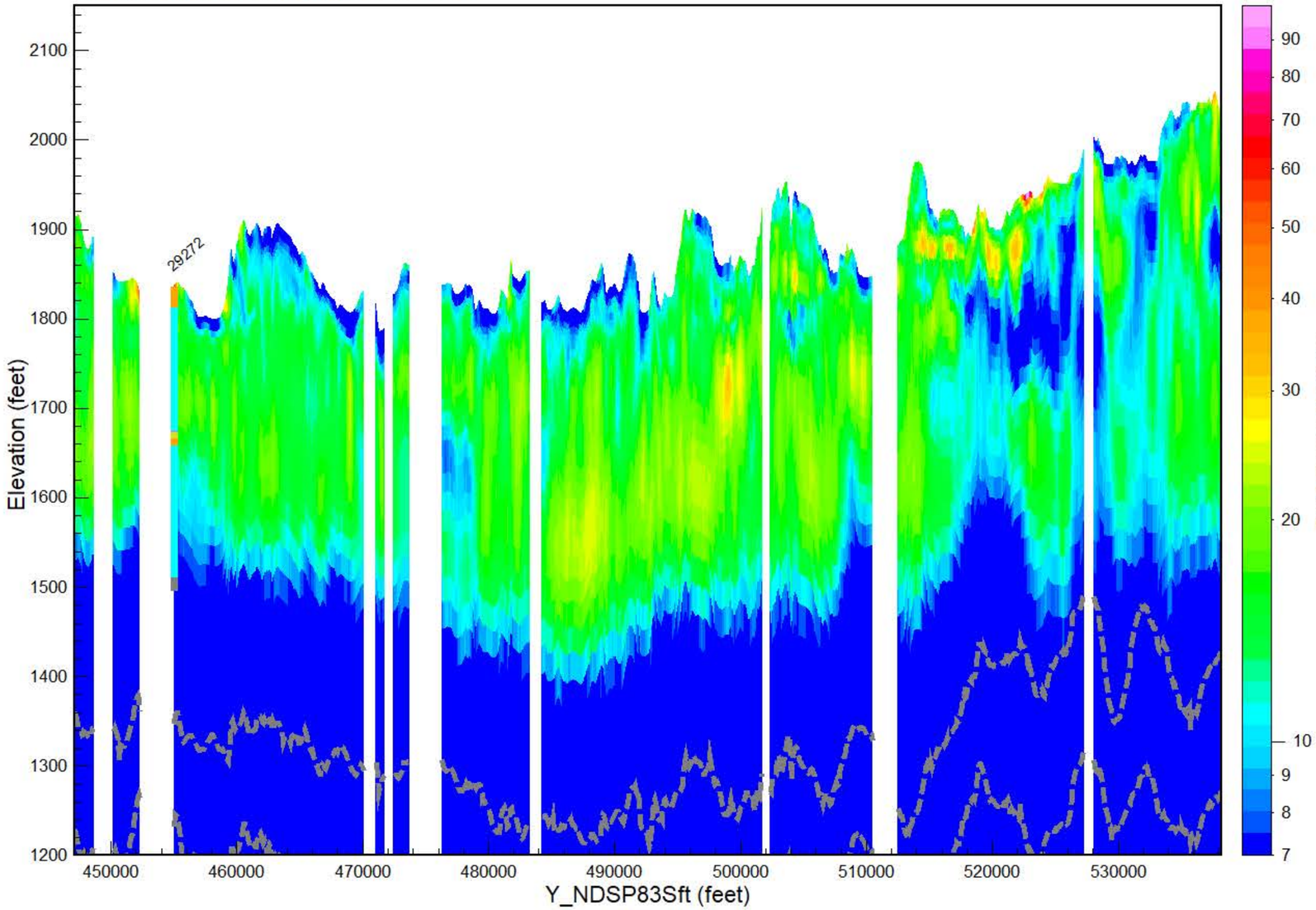
Flight Location Line L191002



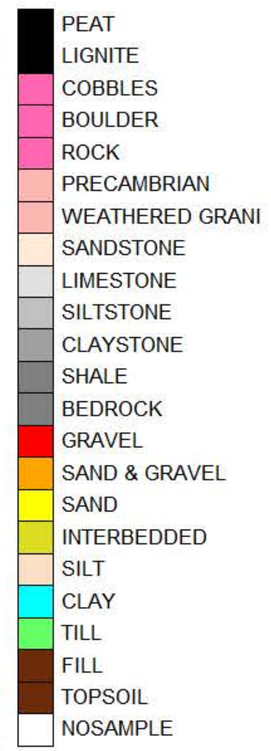
AEM Survey Area 1



Final SCI Resistivity Line L191002

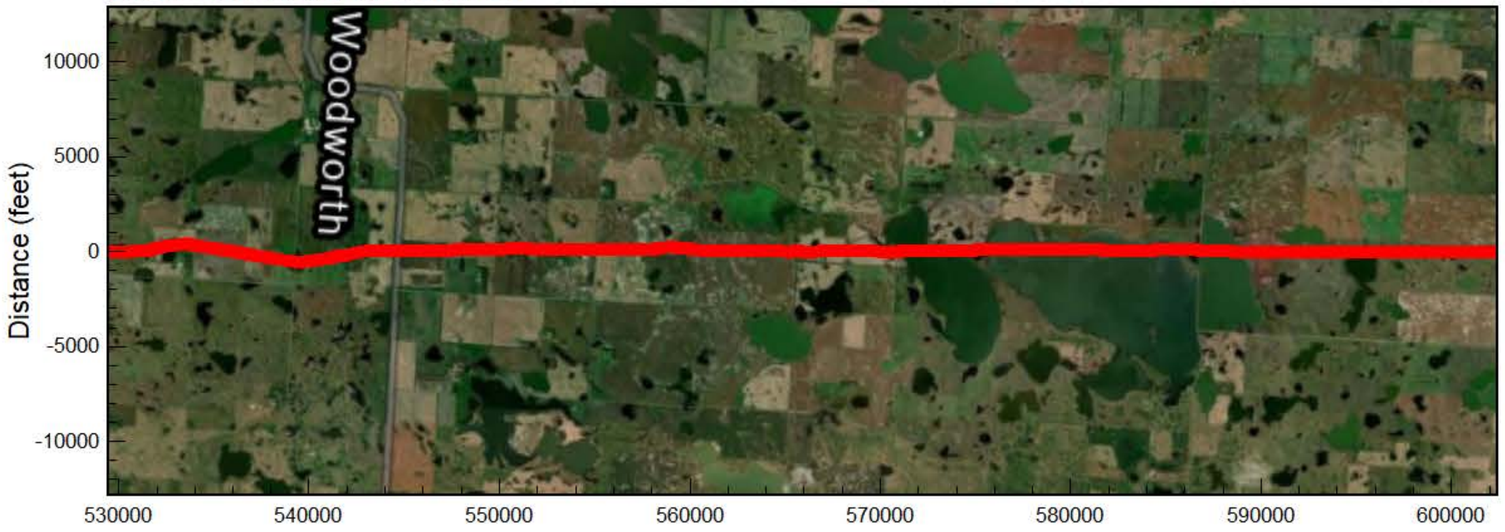


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

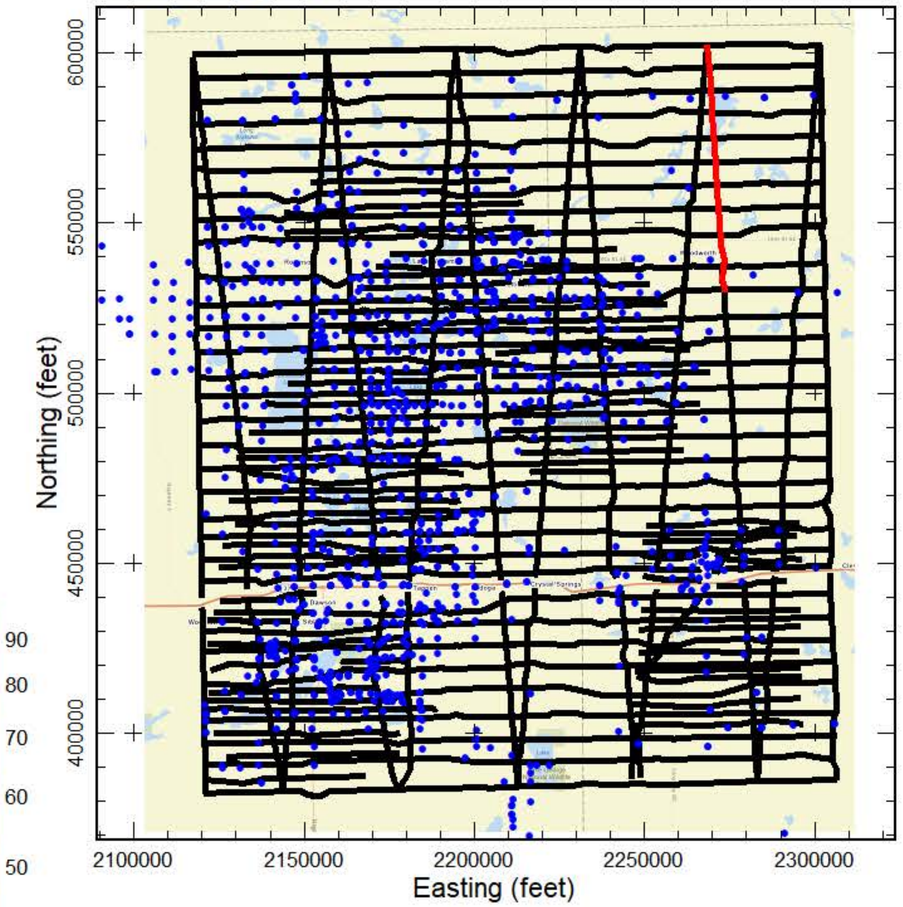


AGF
Aqua Geo Frameworks

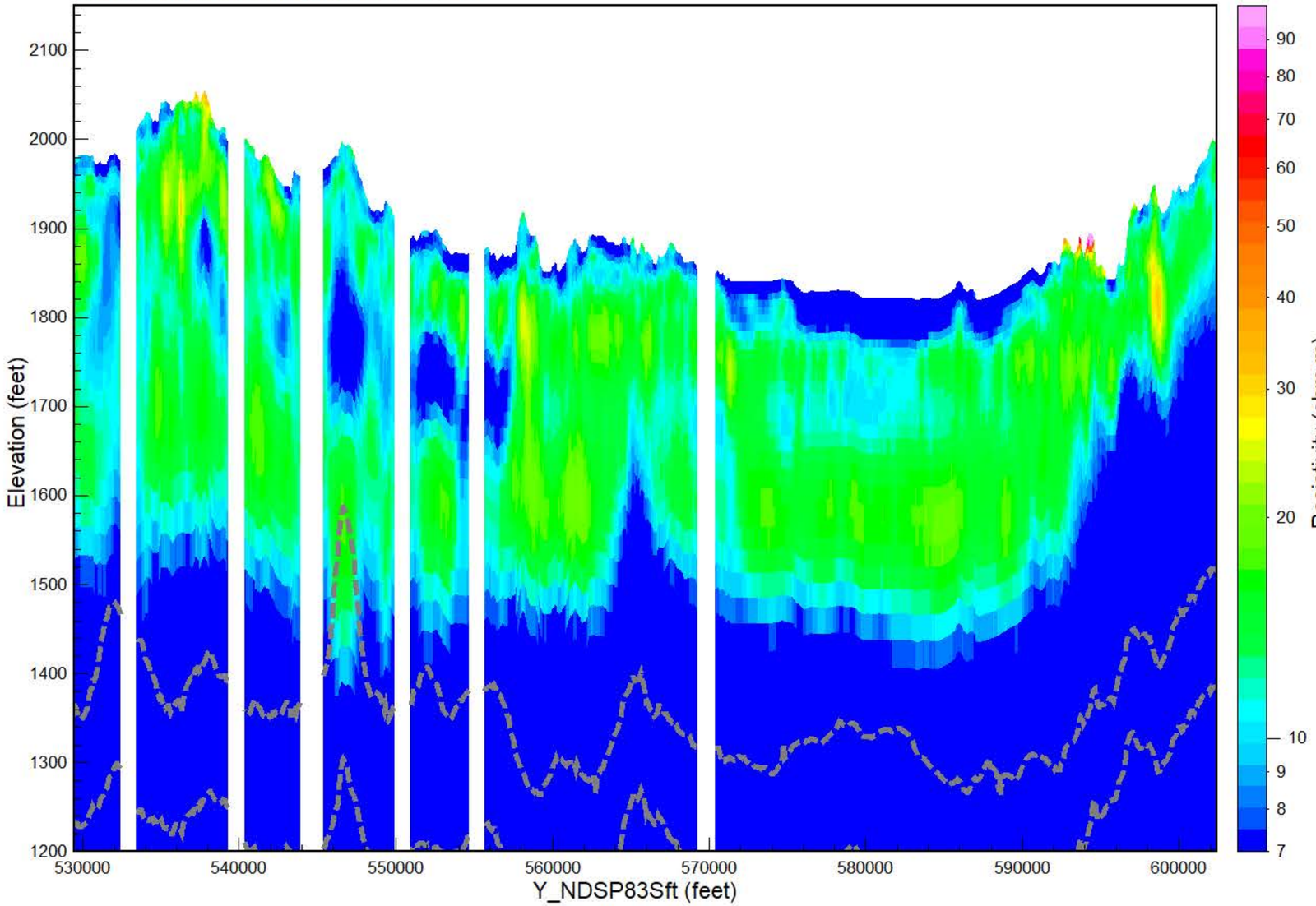
Flight Location Line L191003



AEM Survey Area 1



Final SCI Resistivity Line L191003

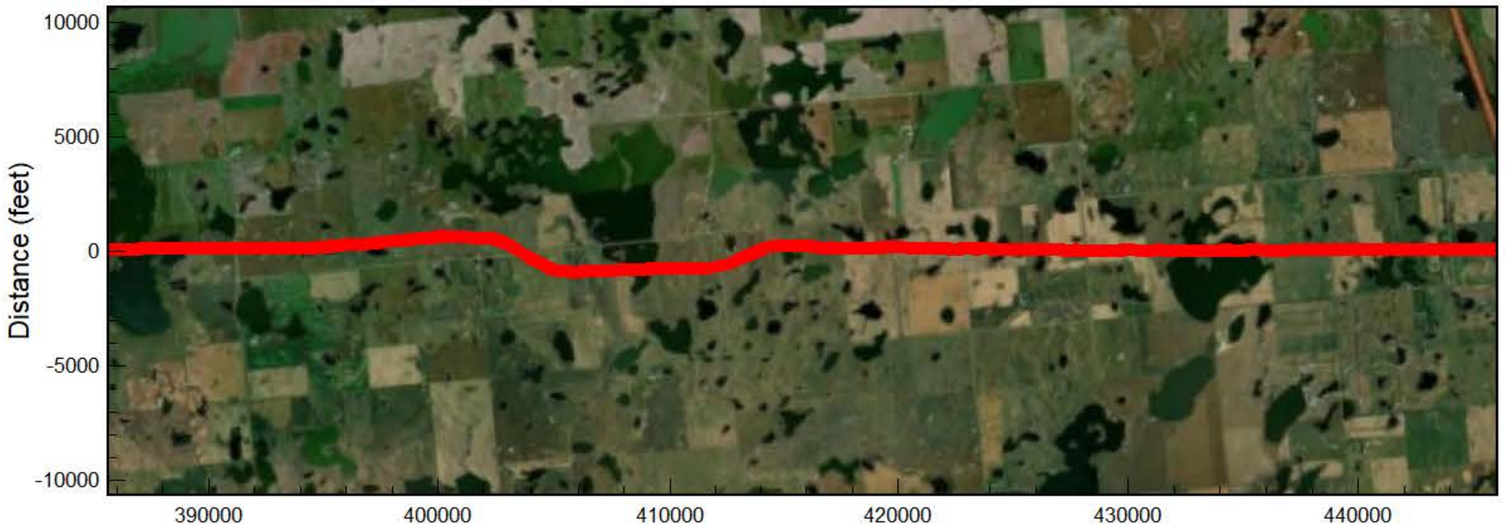


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

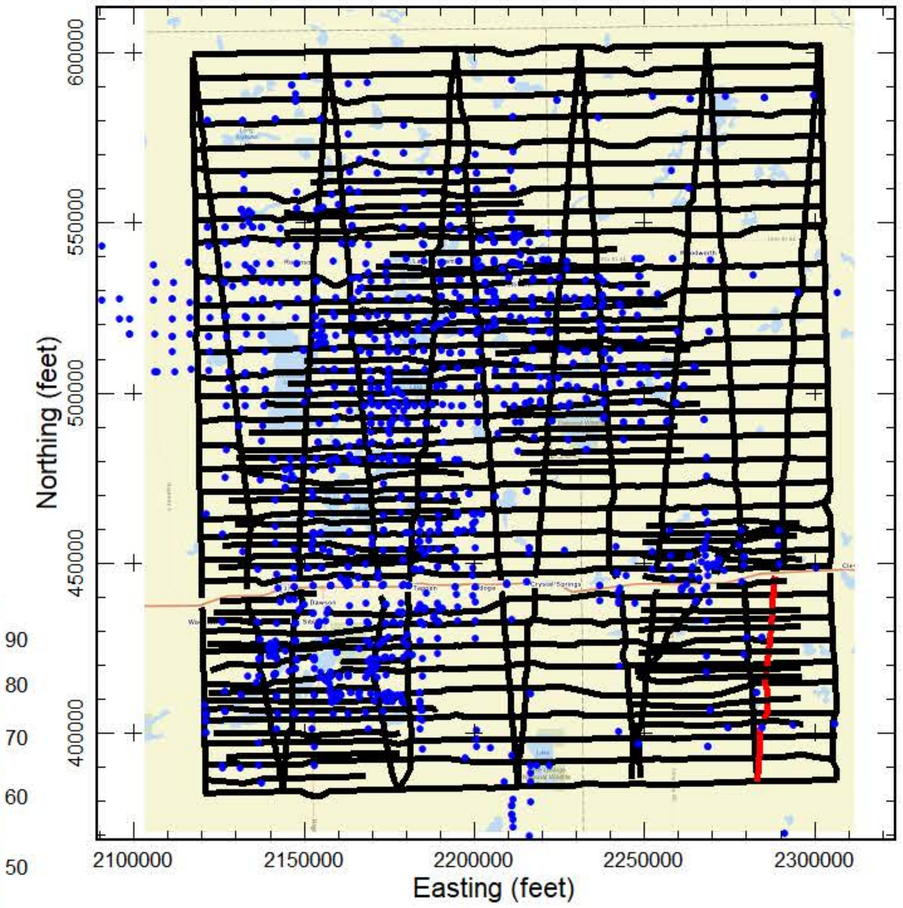
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

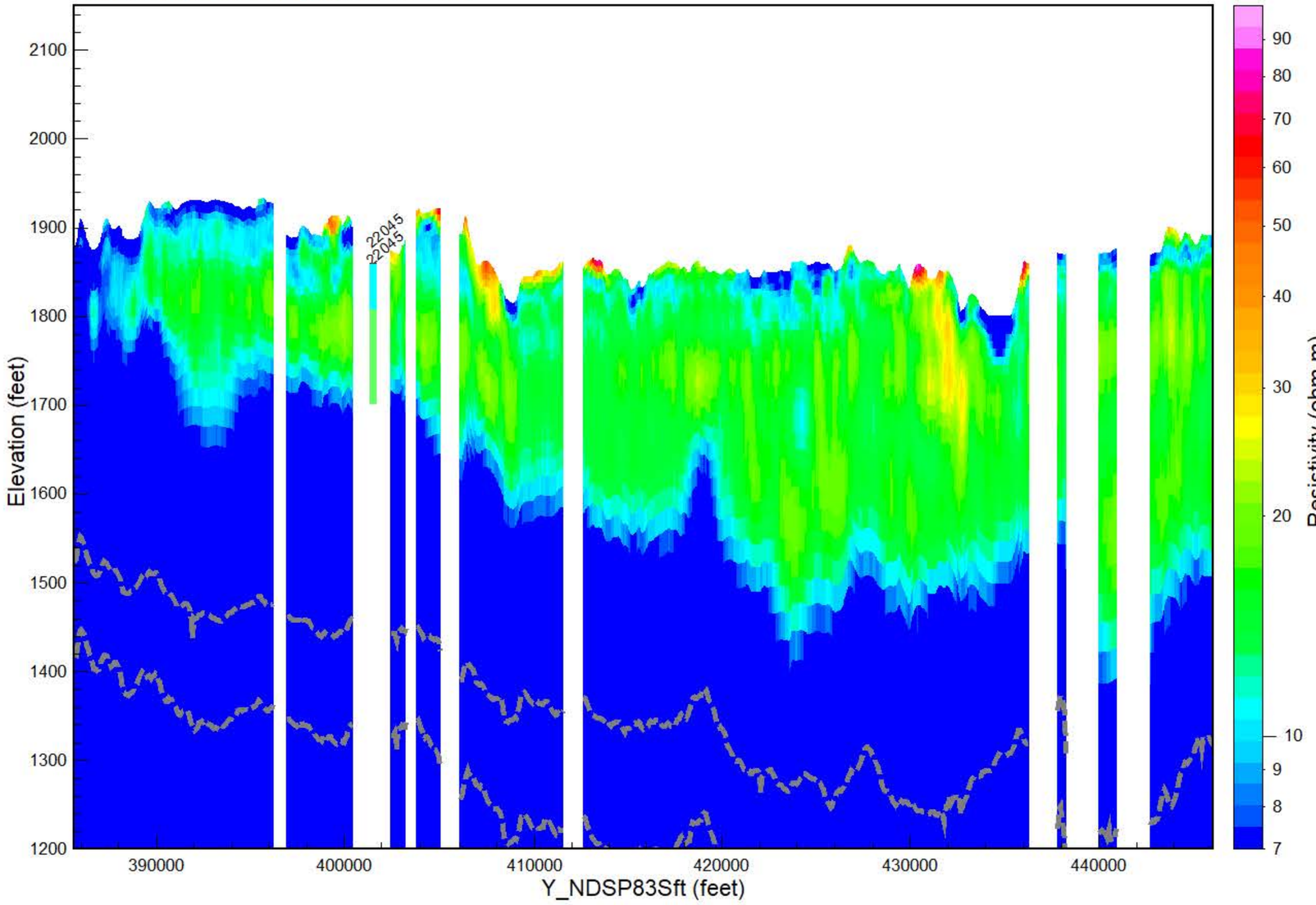
Flight Location Line L191101



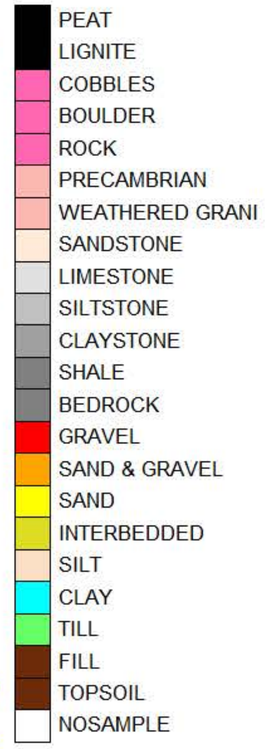
AEM Survey Area 1



Final SCI Resistivity Line L191101

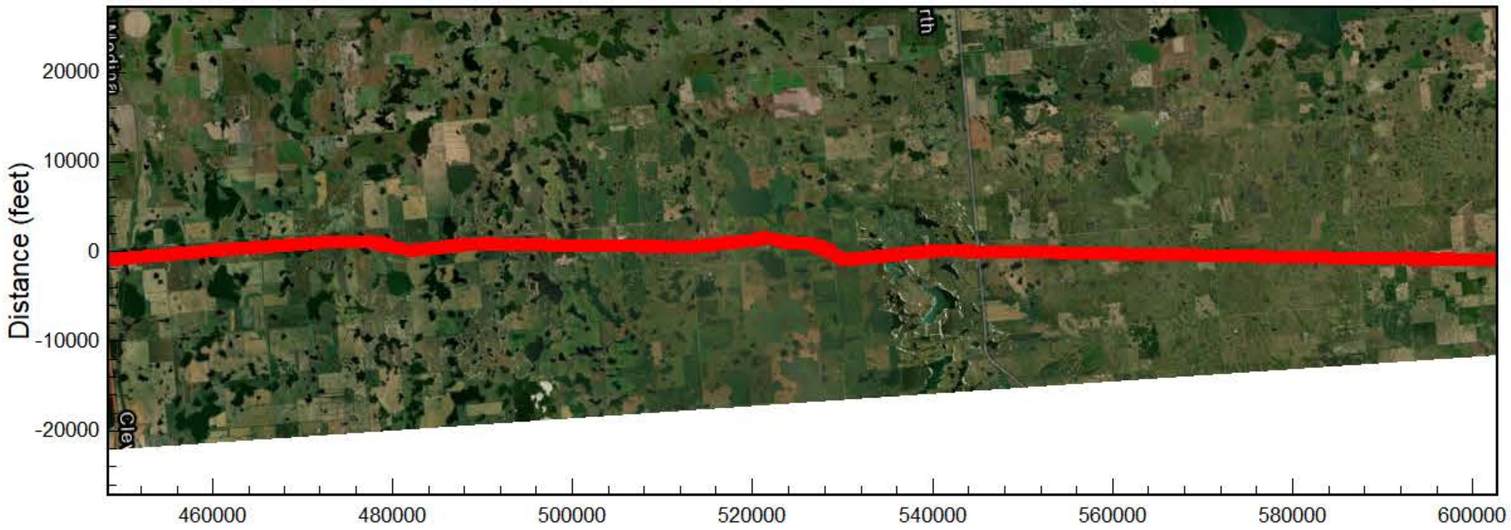


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

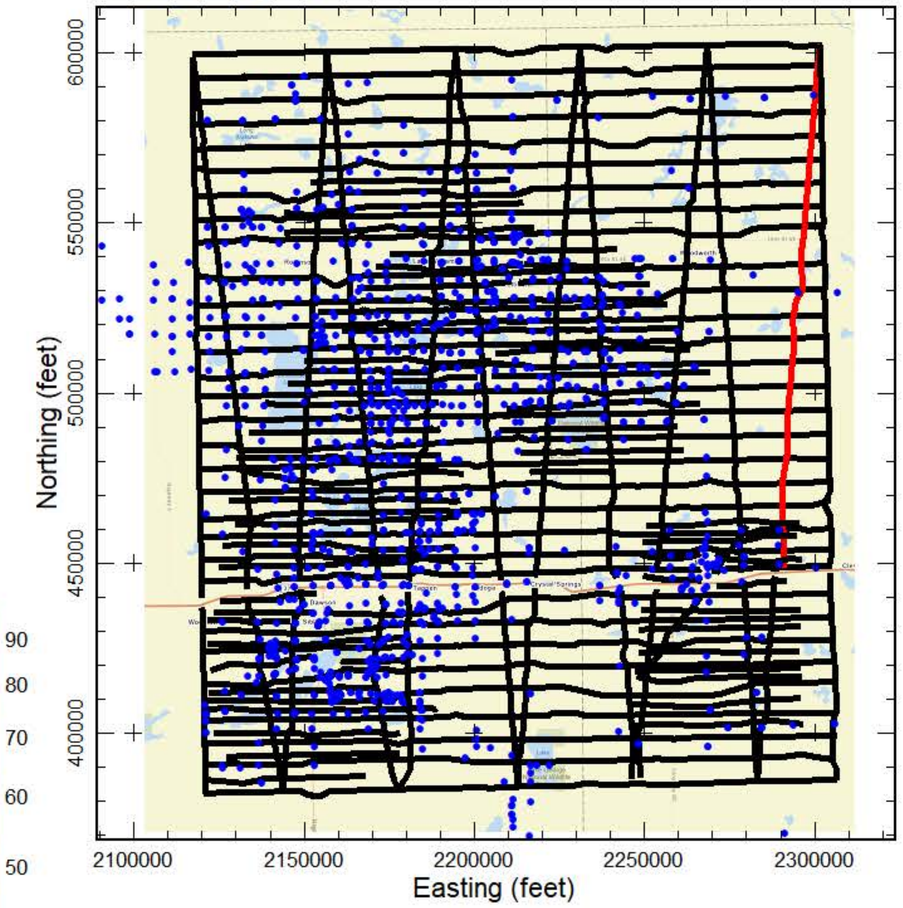


AGF
Aqua Geo Frameworks

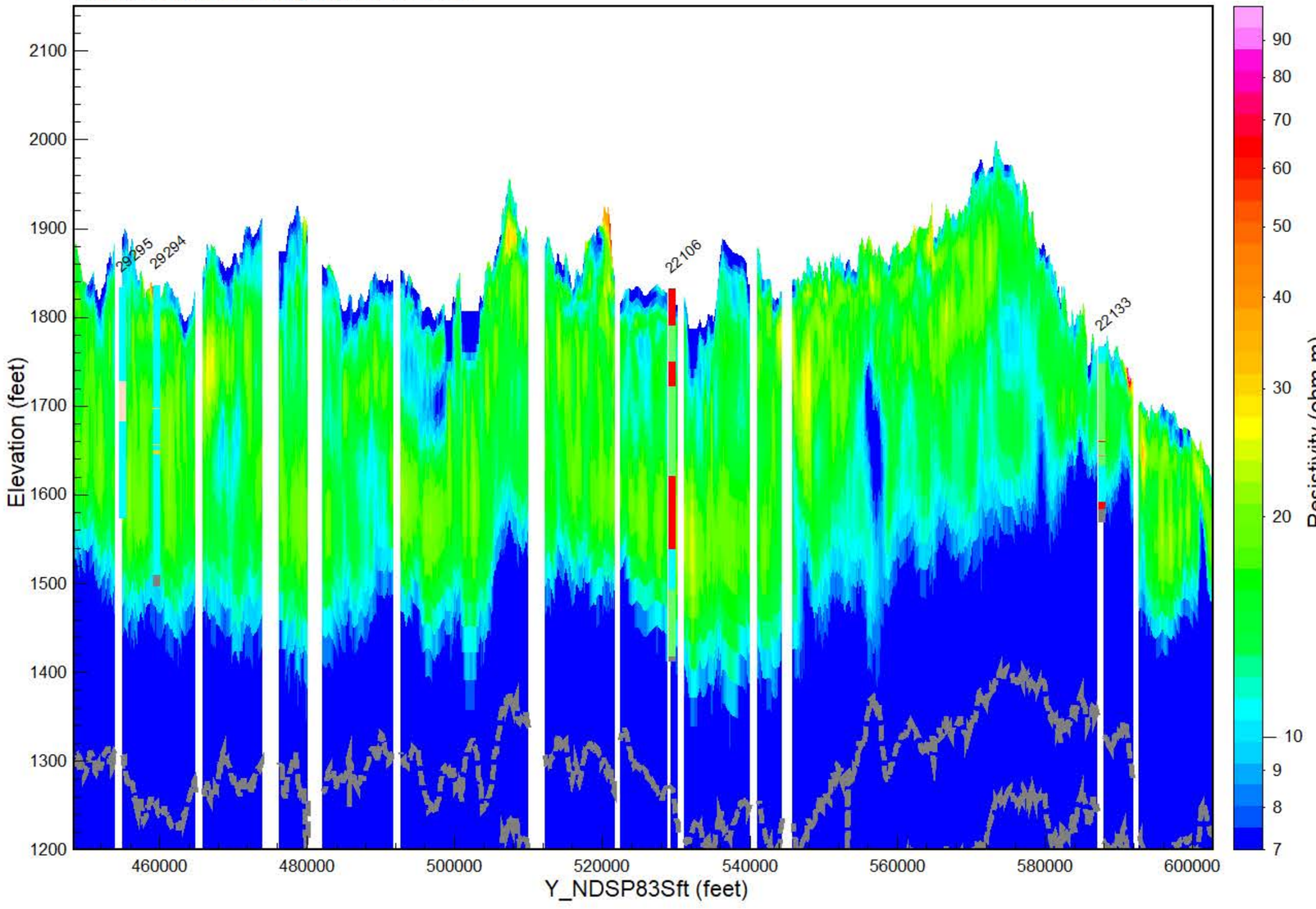
Flight Location Line L191102



AEM Survey Area 1



Final SCI Resistivity Line L191102

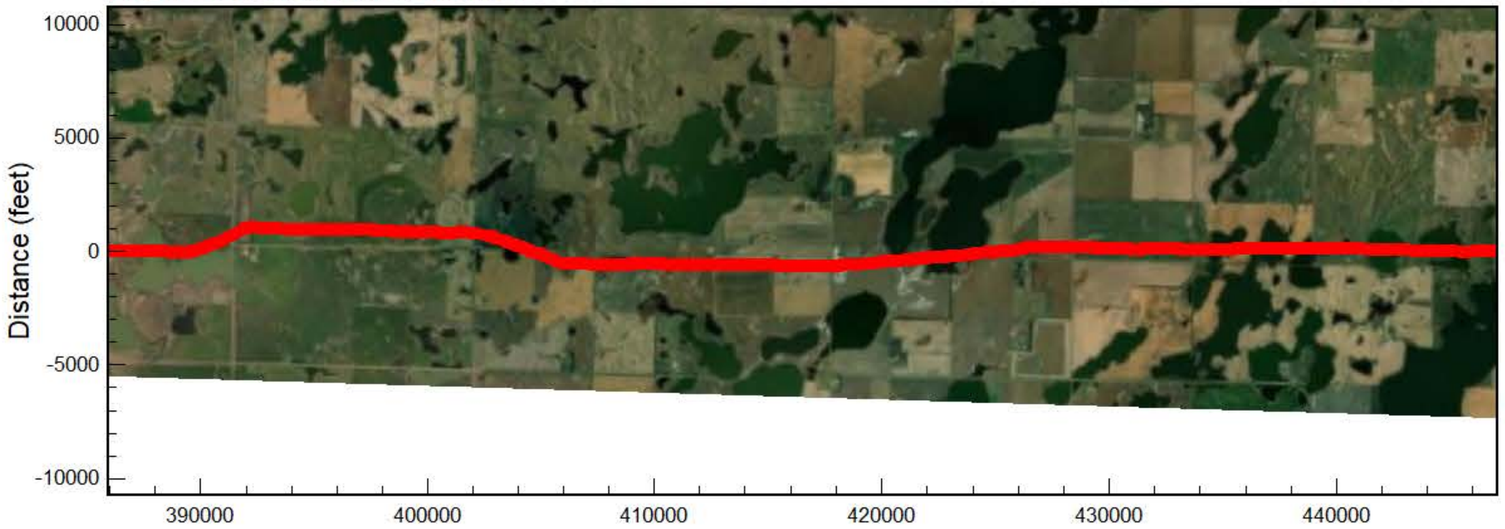


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

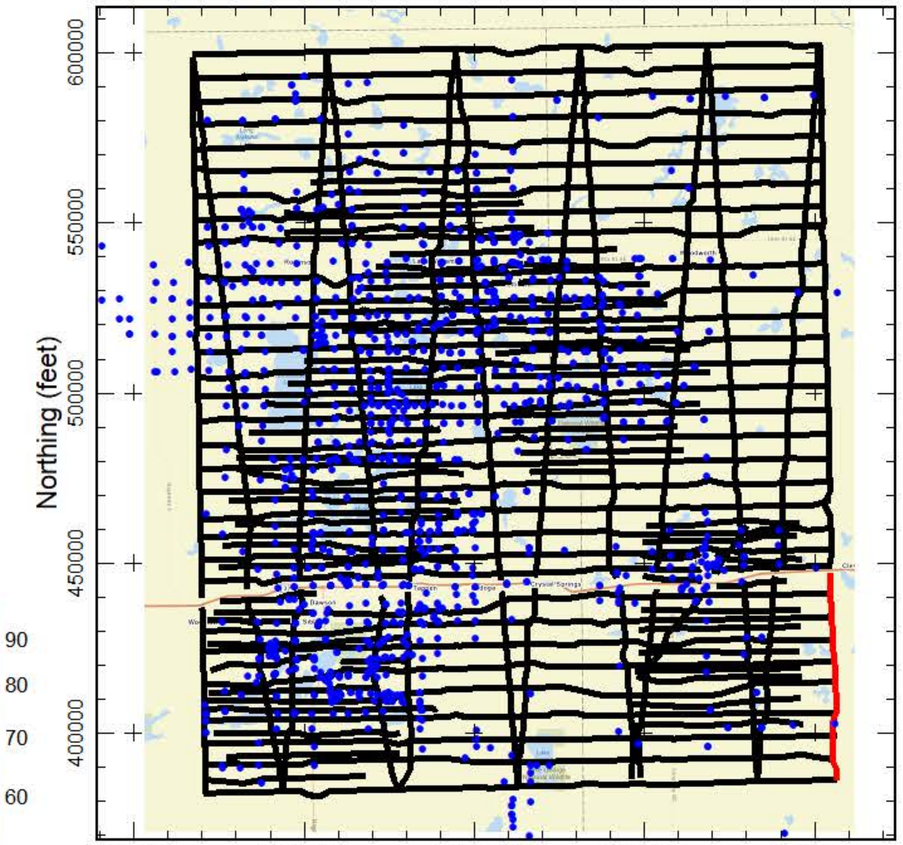
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

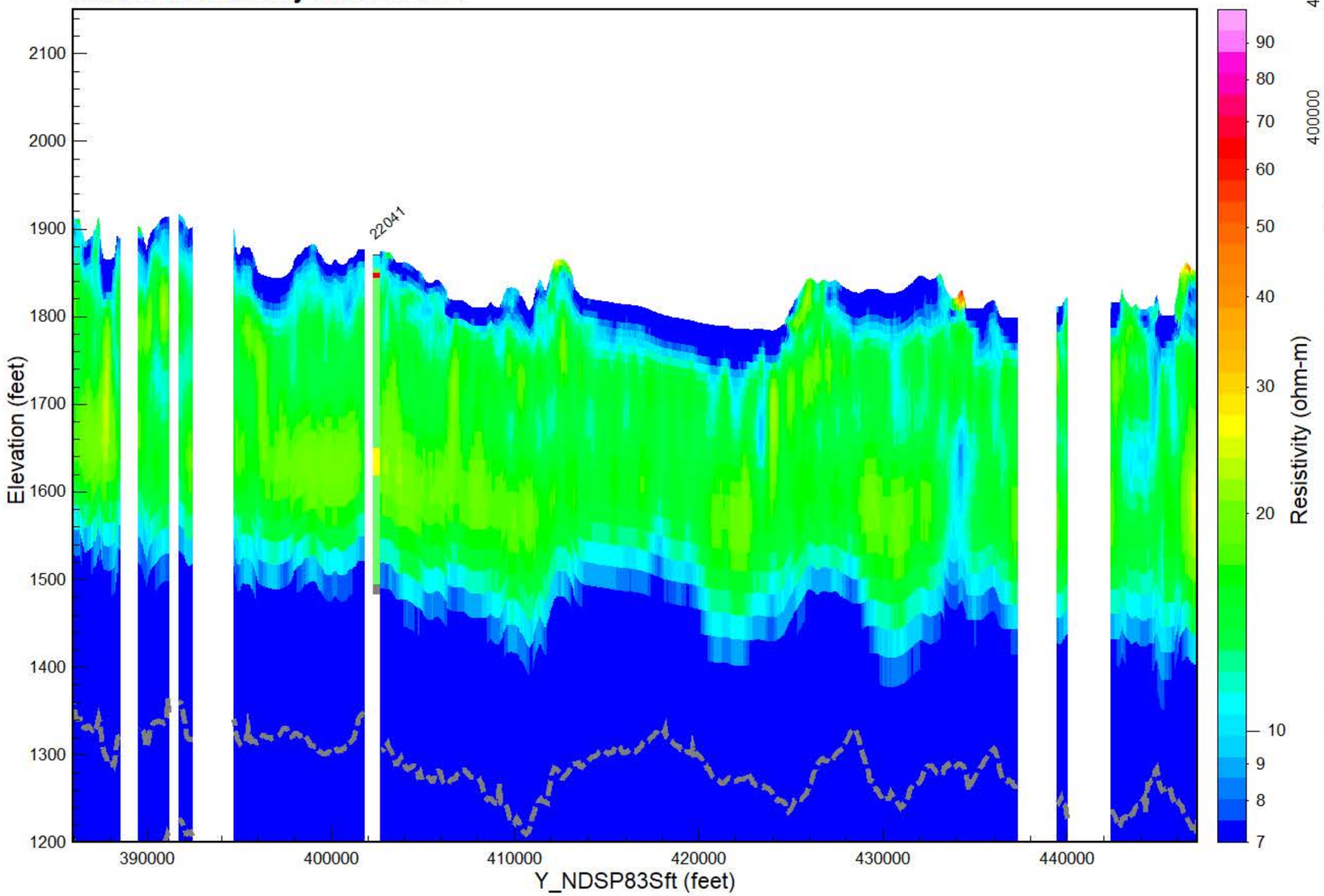
Flight Location Line L191201



AEM Survey Area 1



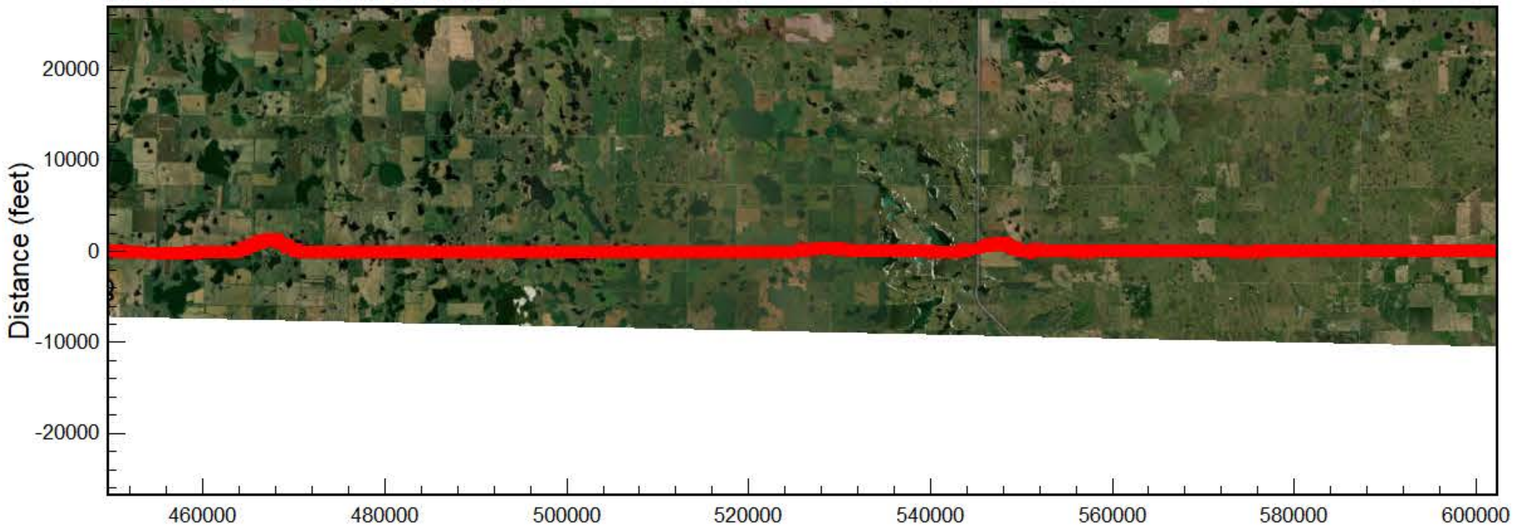
Final SCI Resistivity Line L191201



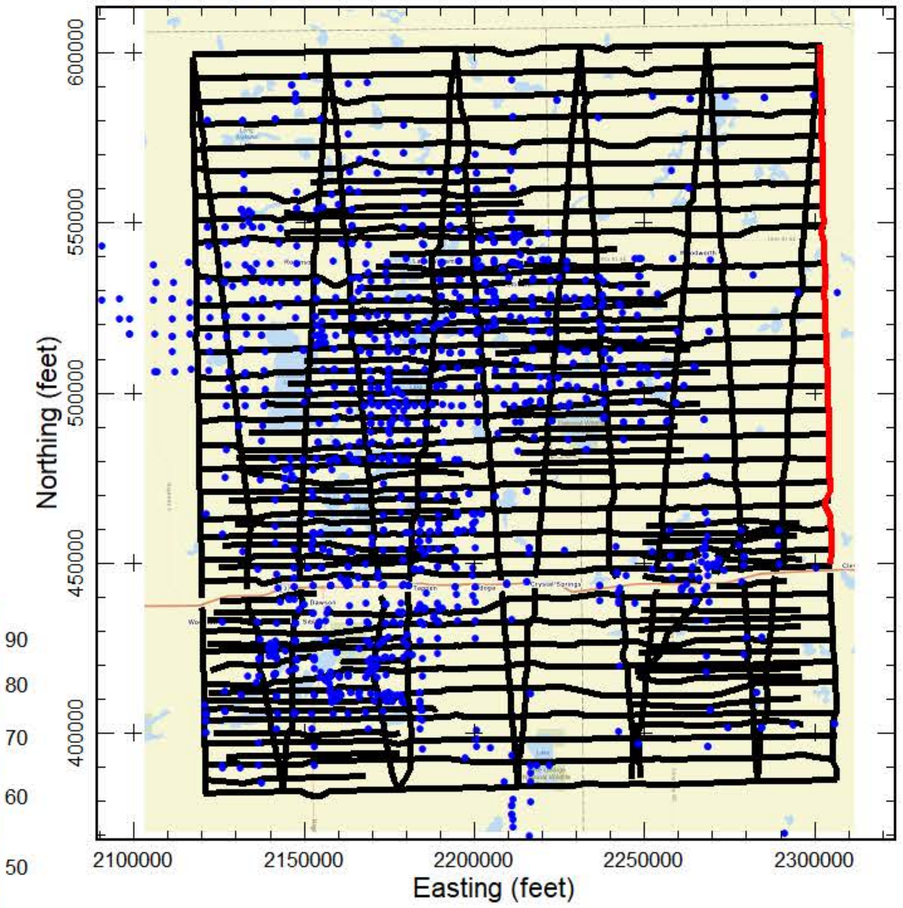
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

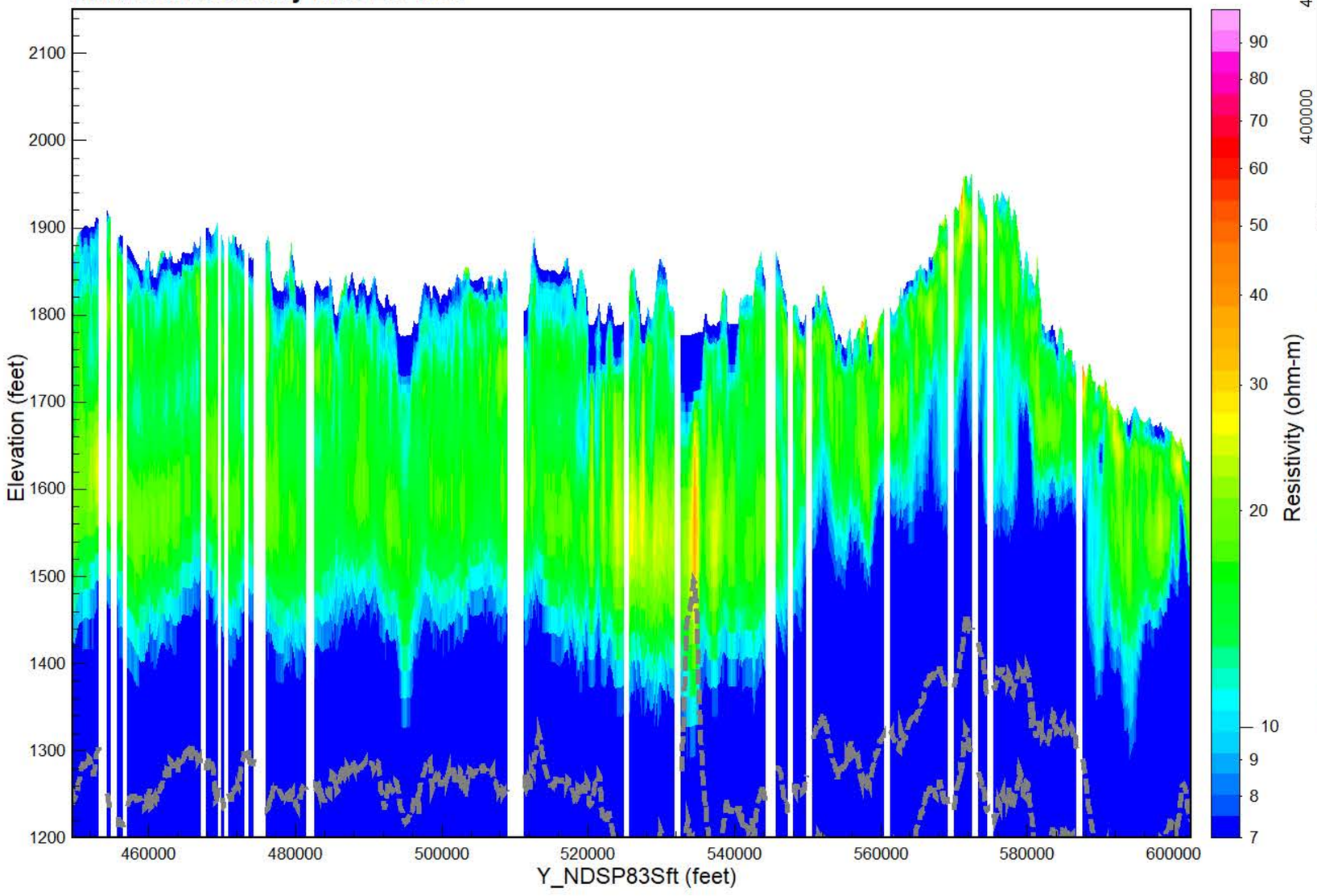
Flight Location Line L191202



AEM Survey Area 1



Final SCI Resistivity Line L191202



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

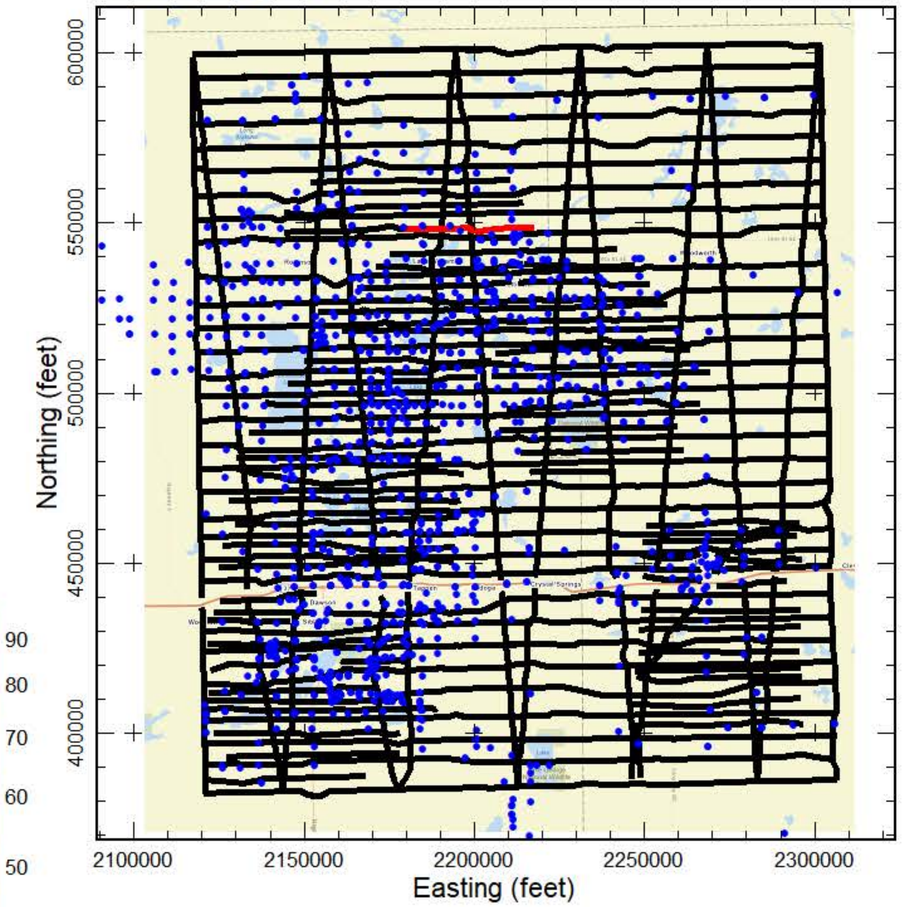
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

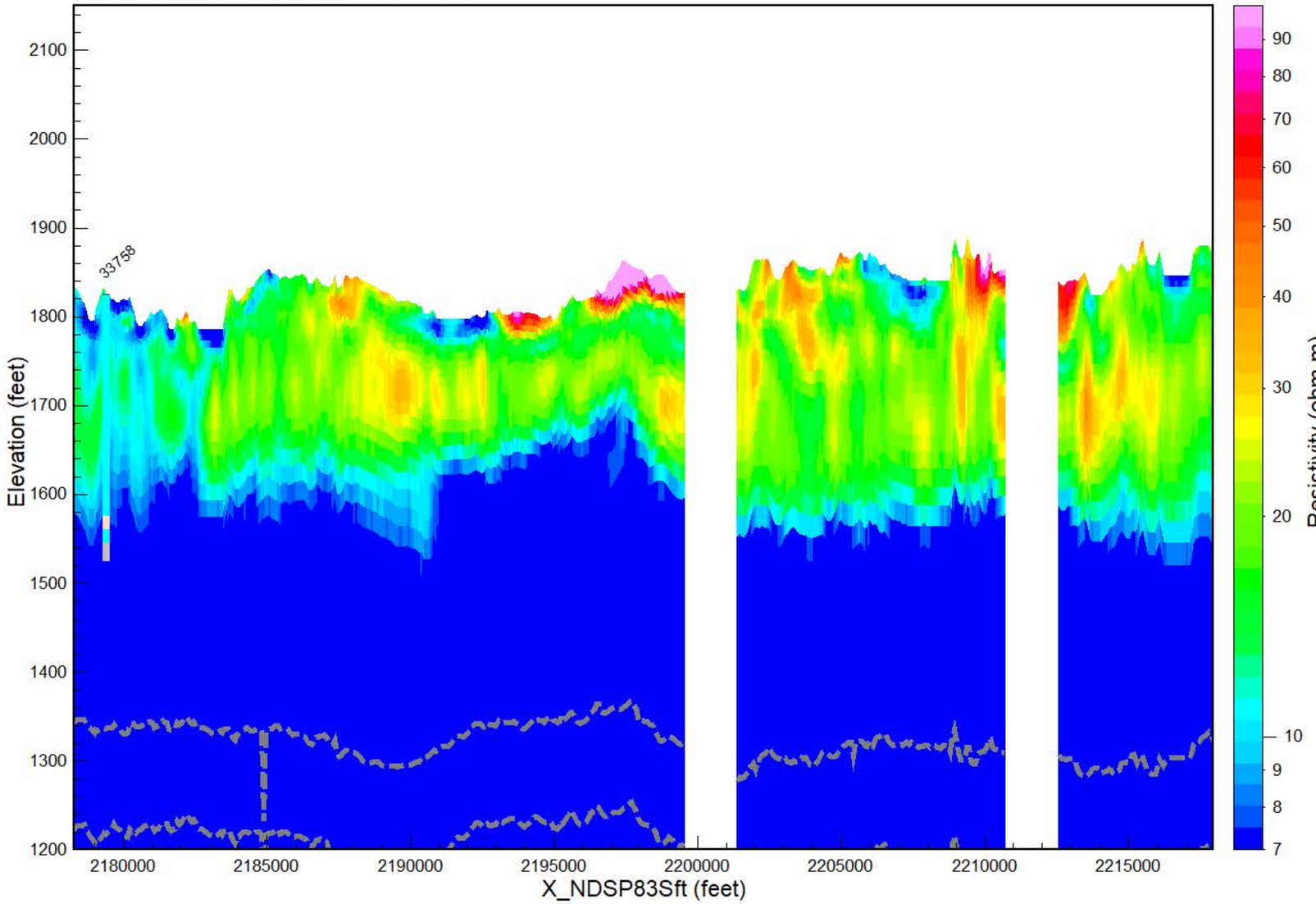
Flight Location Line L500101



AEM Survey Area 1



Final SCI Resistivity Line L500101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

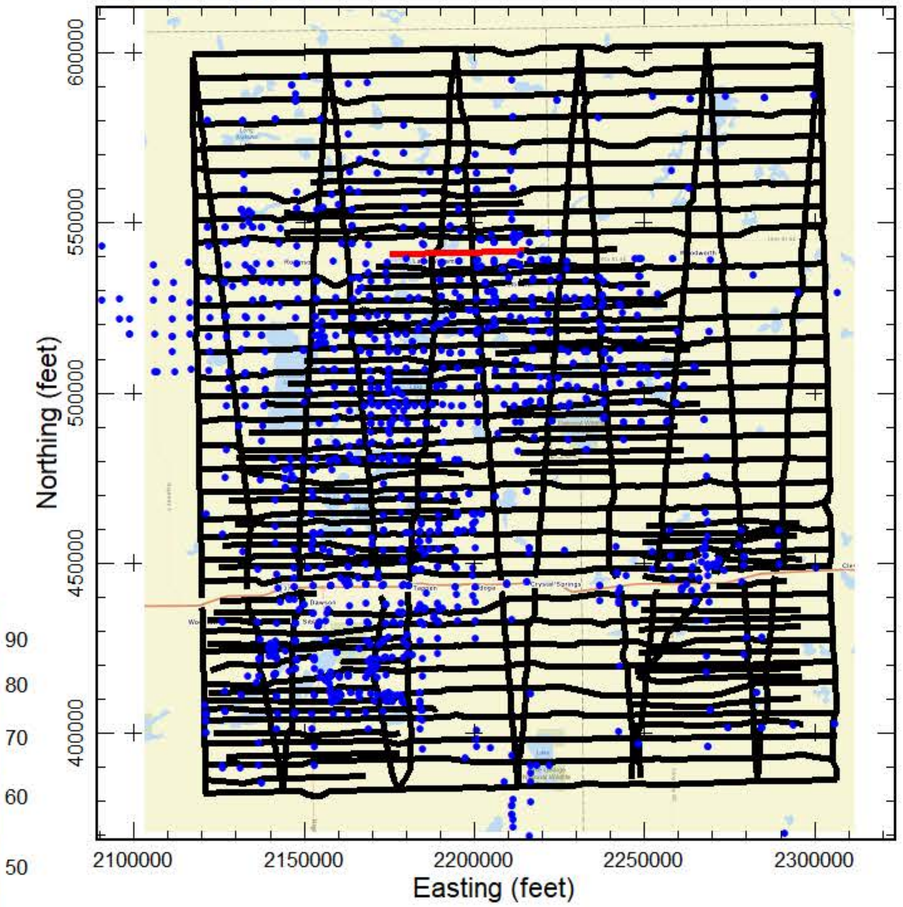
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

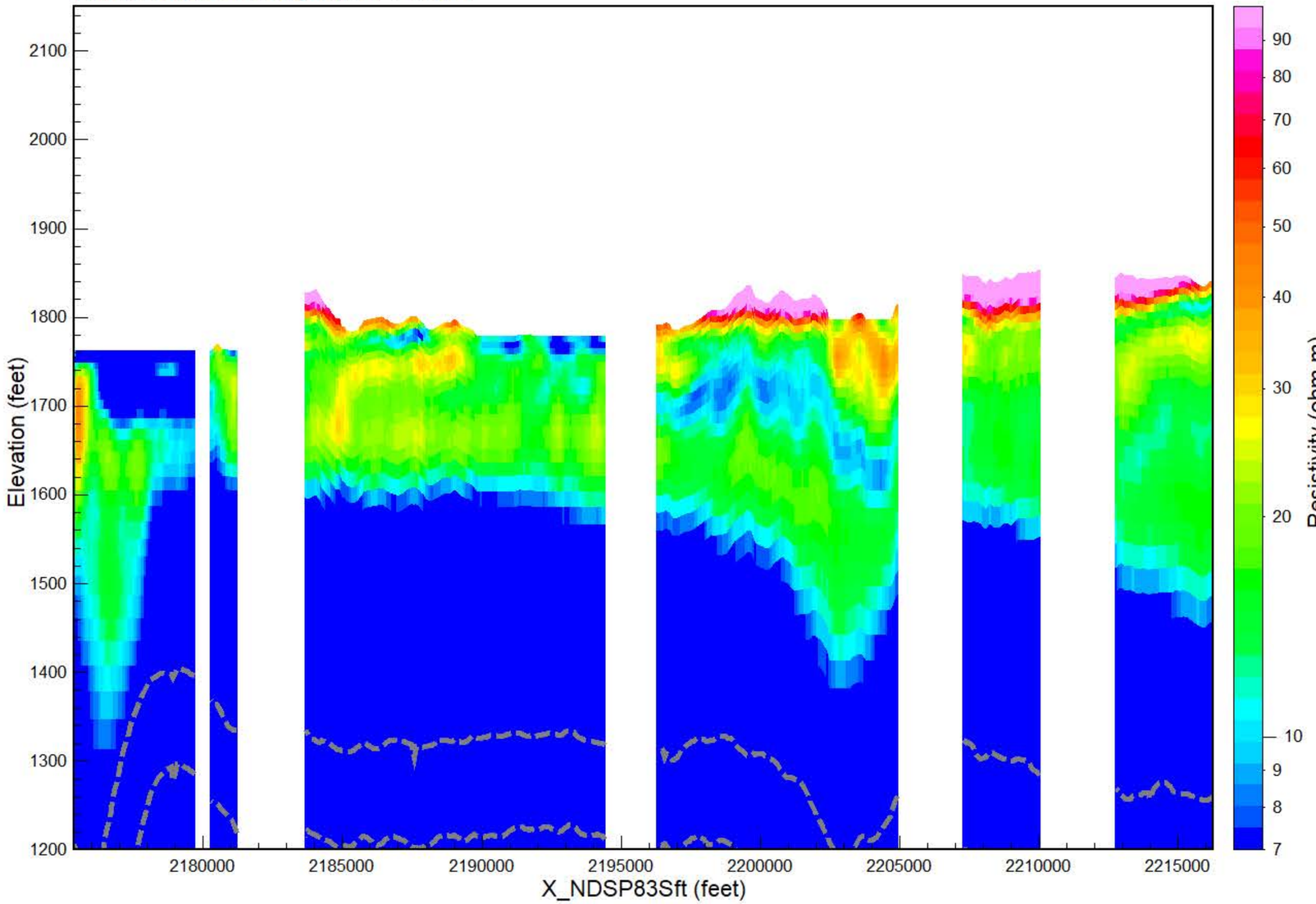
Flight Location Line L500201



AEM Survey Area 1



Final SCI Resistivity Line L500201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

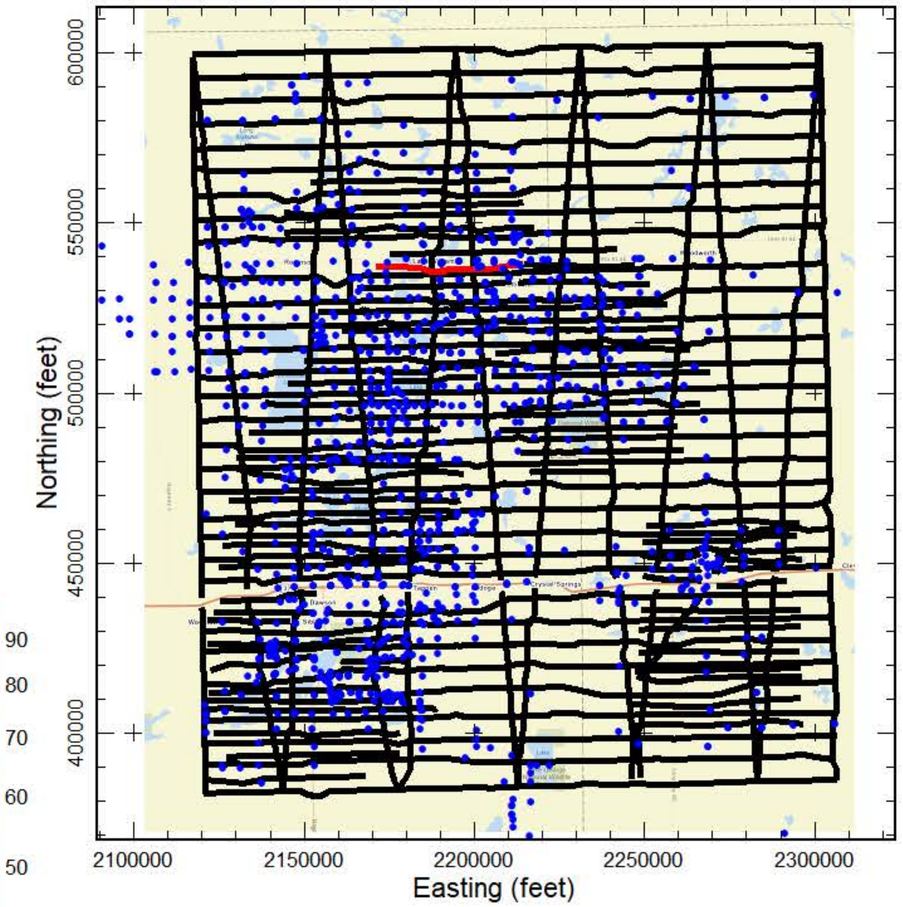
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

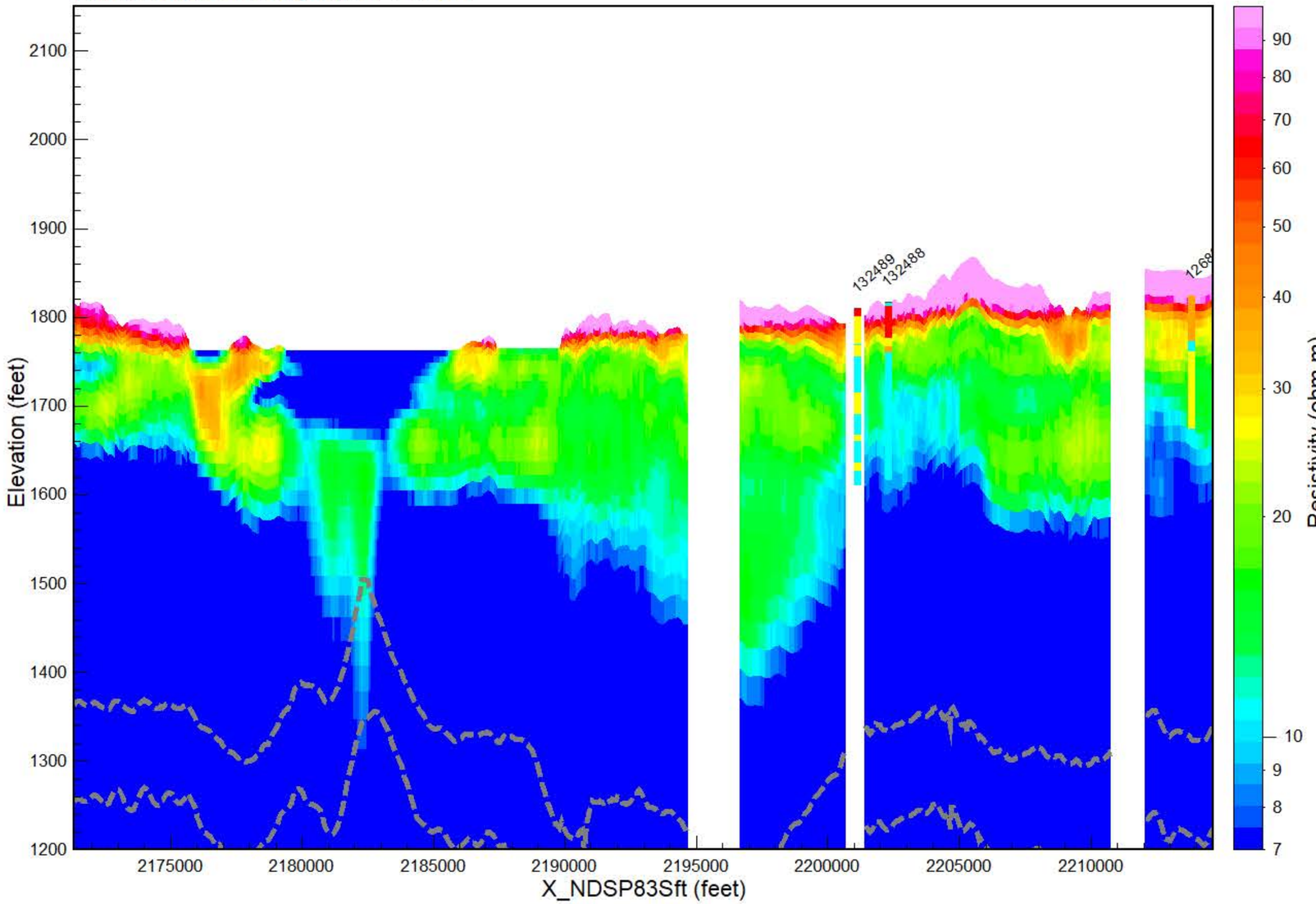
Flight Location Line L500301



AEM Survey Area 1



Final SCI Resistivity Line L500301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

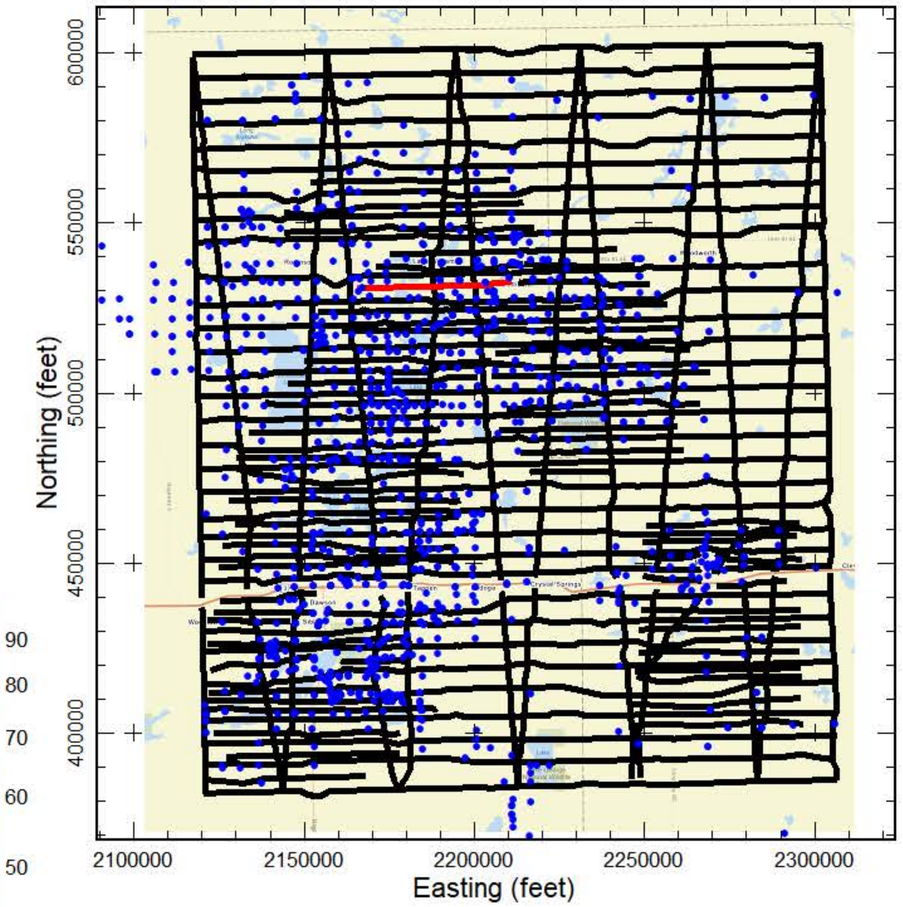
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

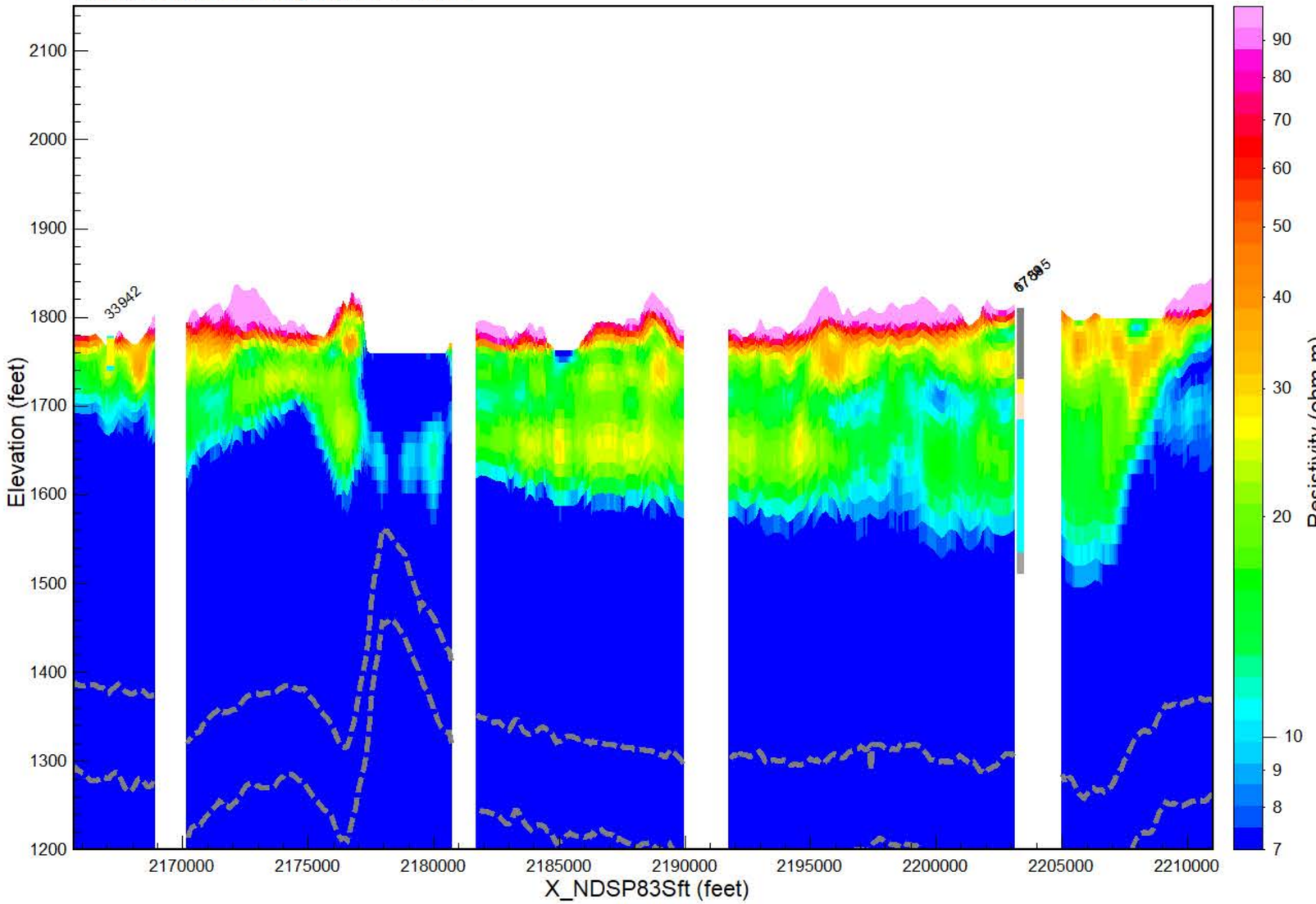
Flight Location Line L500401



AEM Survey Area 1



Final SCI Resistivity Line L500401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

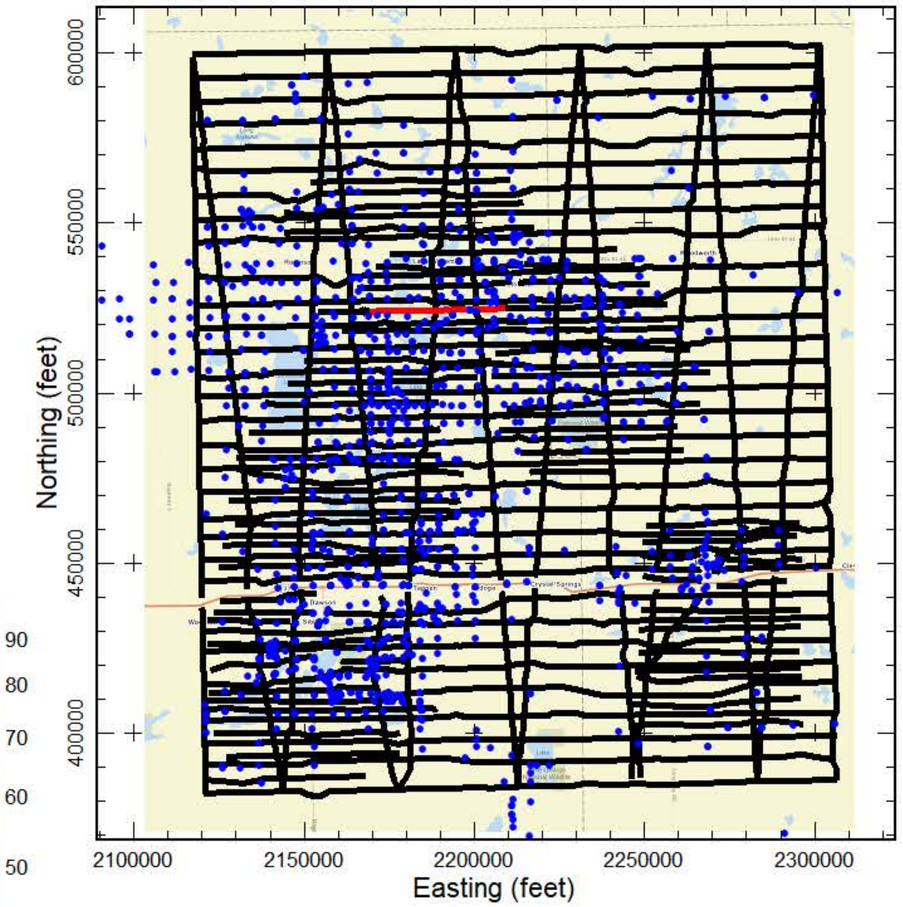
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

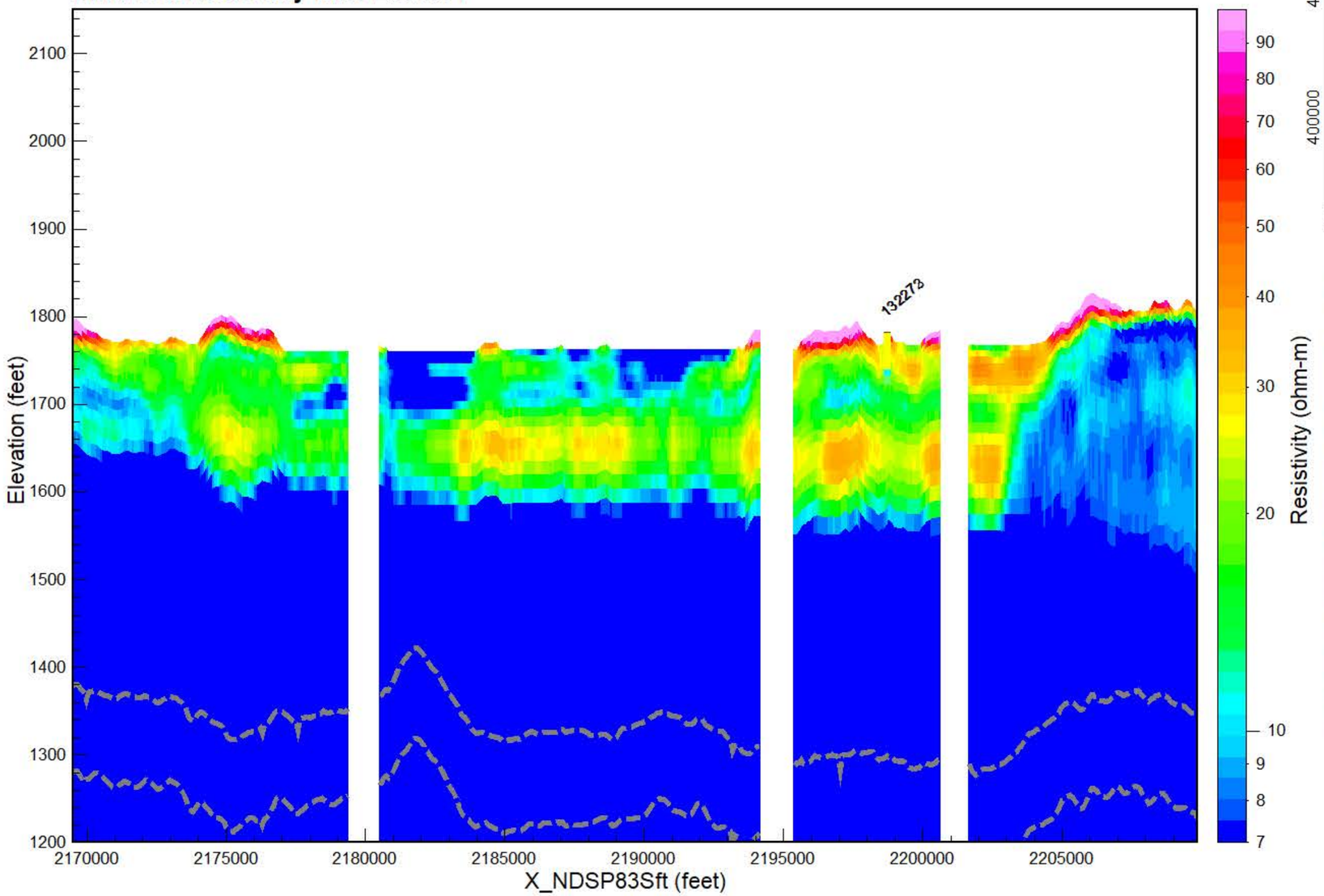
Flight Location Line L500501



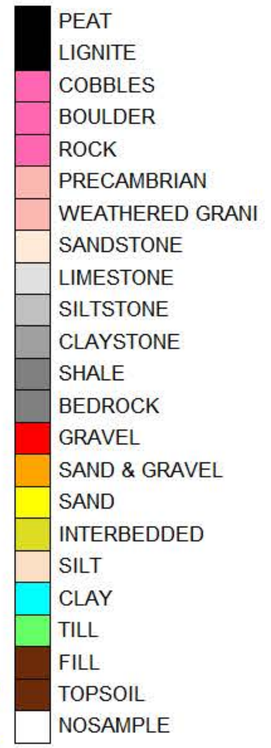
AEM Survey Area 1



Final SCI Resistivity Line L500501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

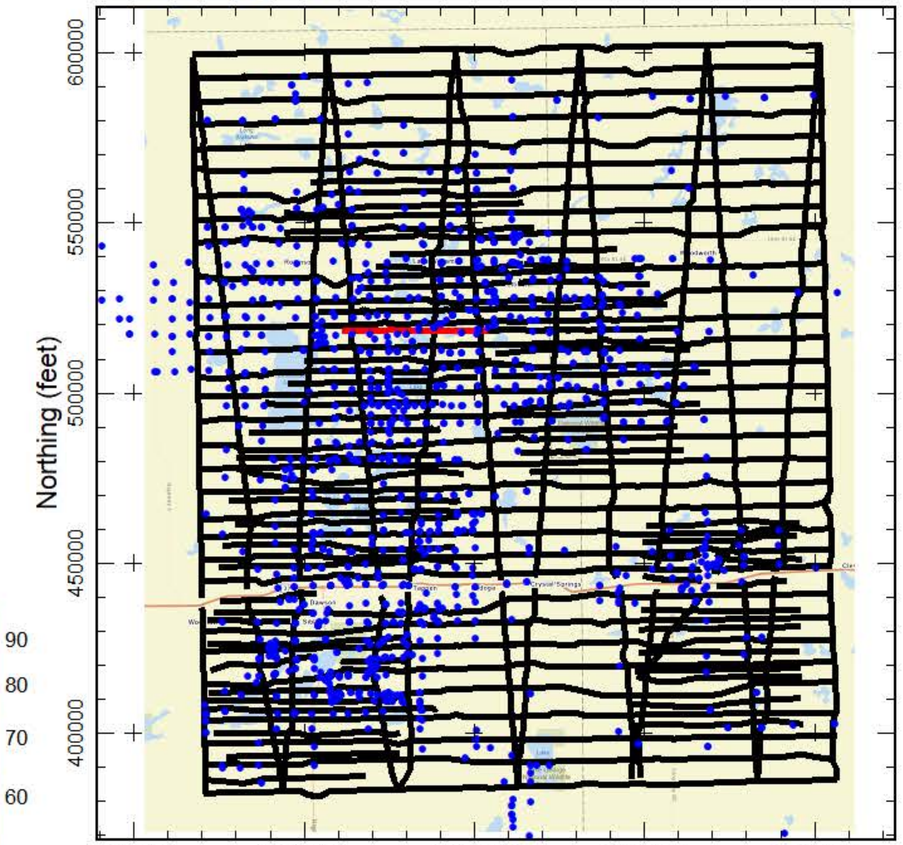


AGF
Aqua Geo Frameworks

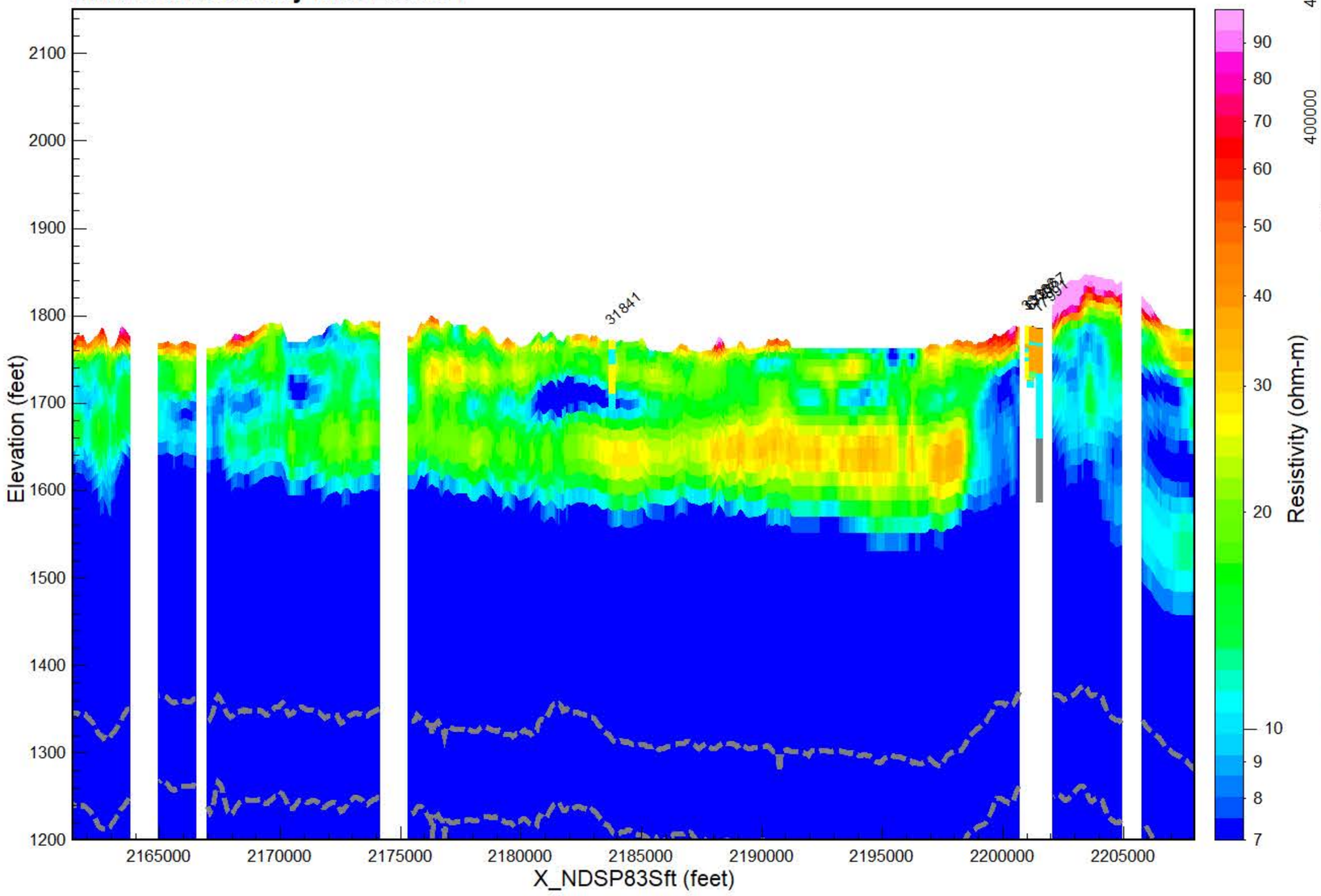
Flight Location Line L500601



AEM Survey Area 1



Final SCI Resistivity Line L500601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

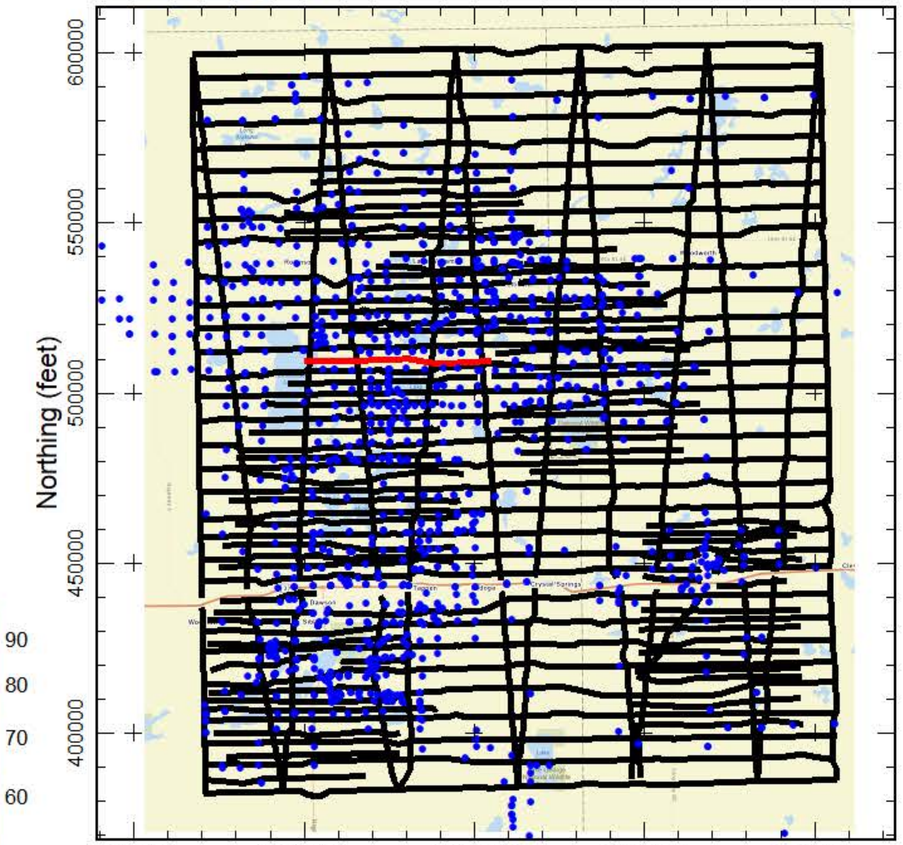
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

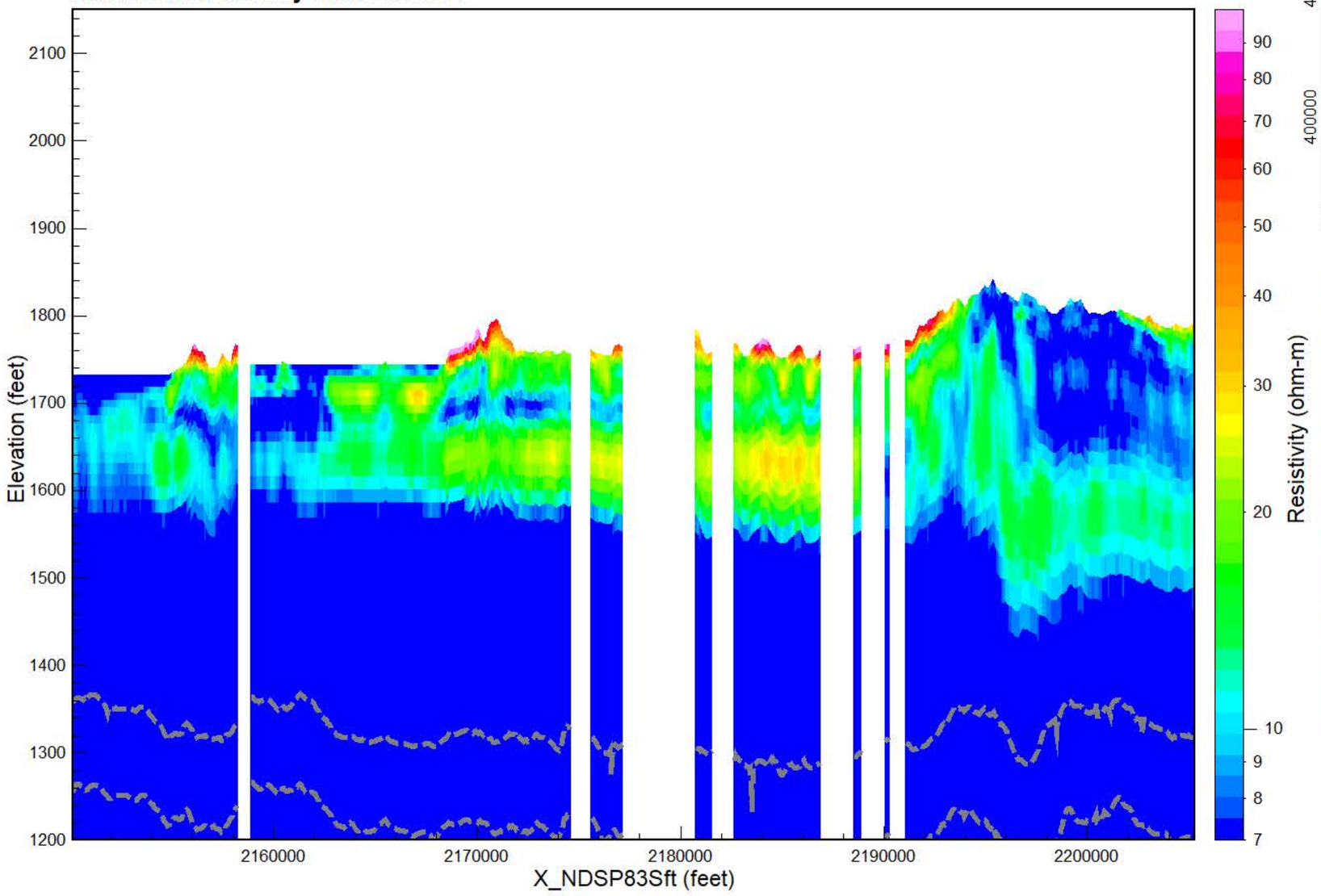
Flight Location Line L500701



AEM Survey Area 1



Final SCI Resistivity Line L500701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

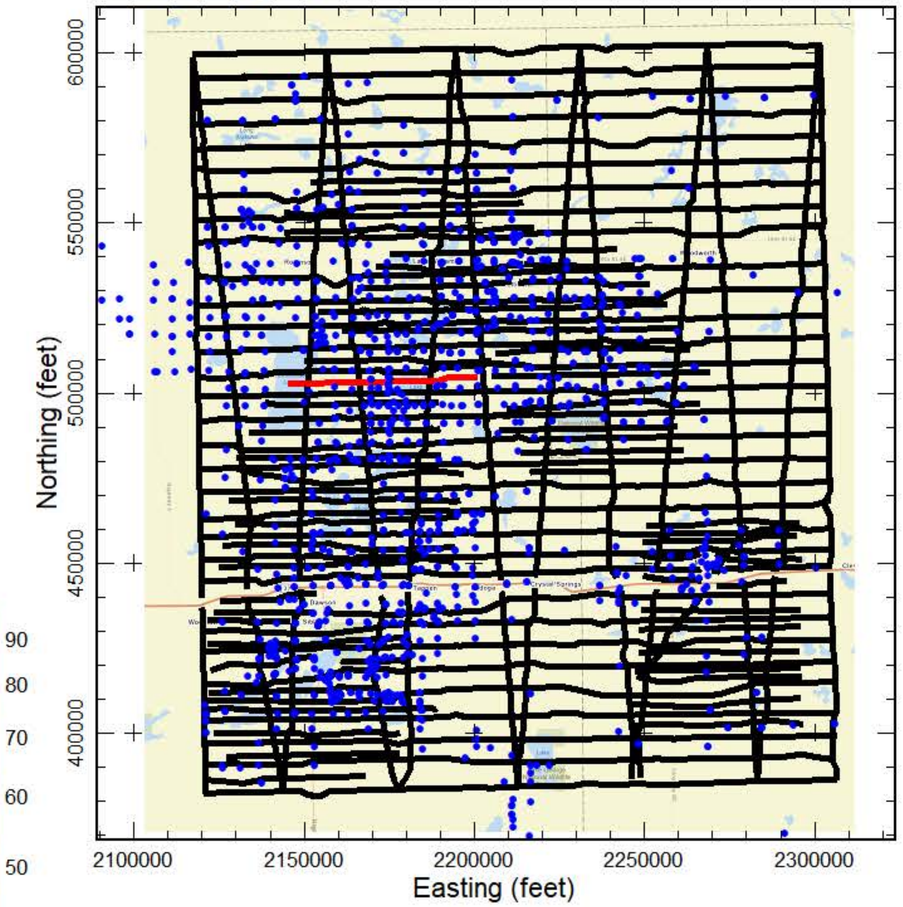
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

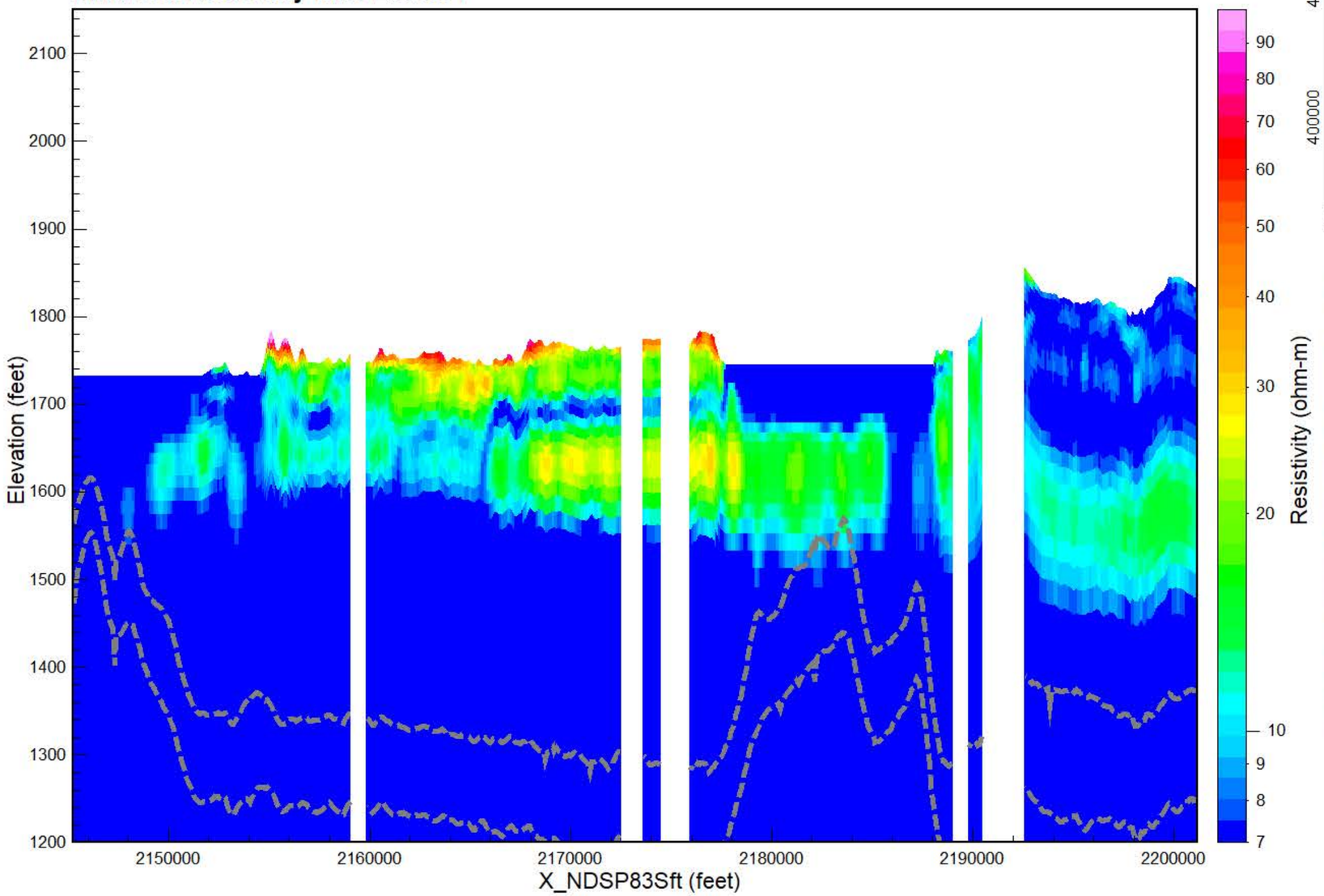
Flight Location Line L500801



AEM Survey Area 1



Final SCI Resistivity Line L500801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

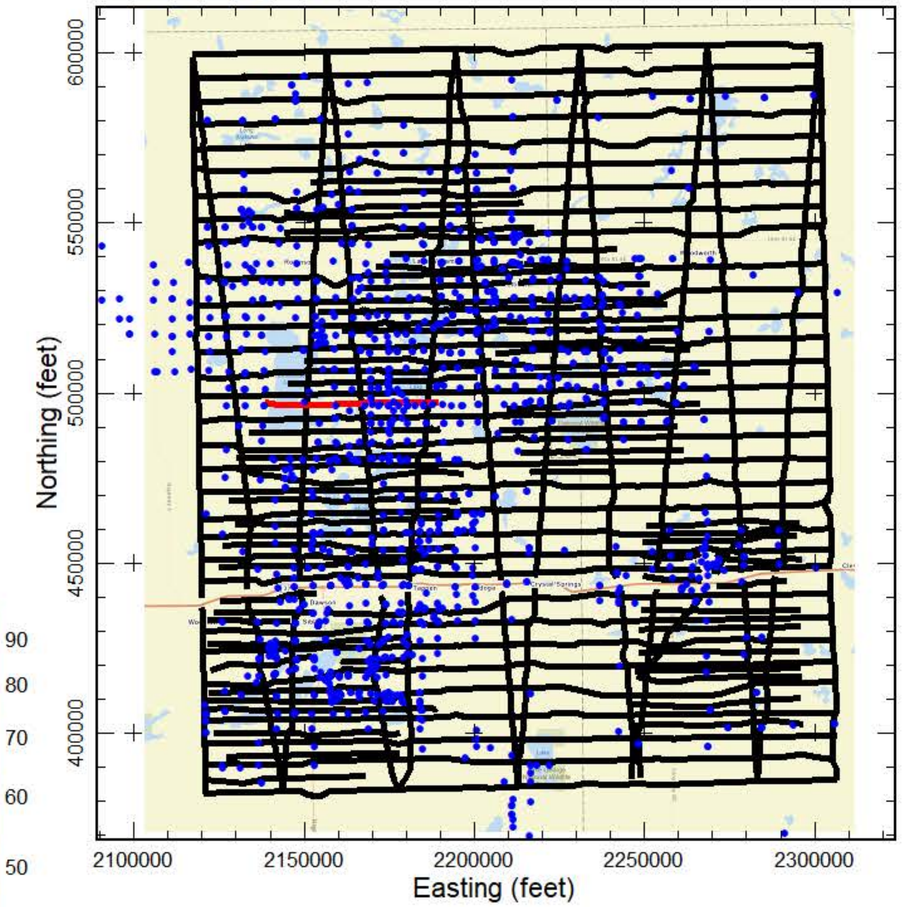
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

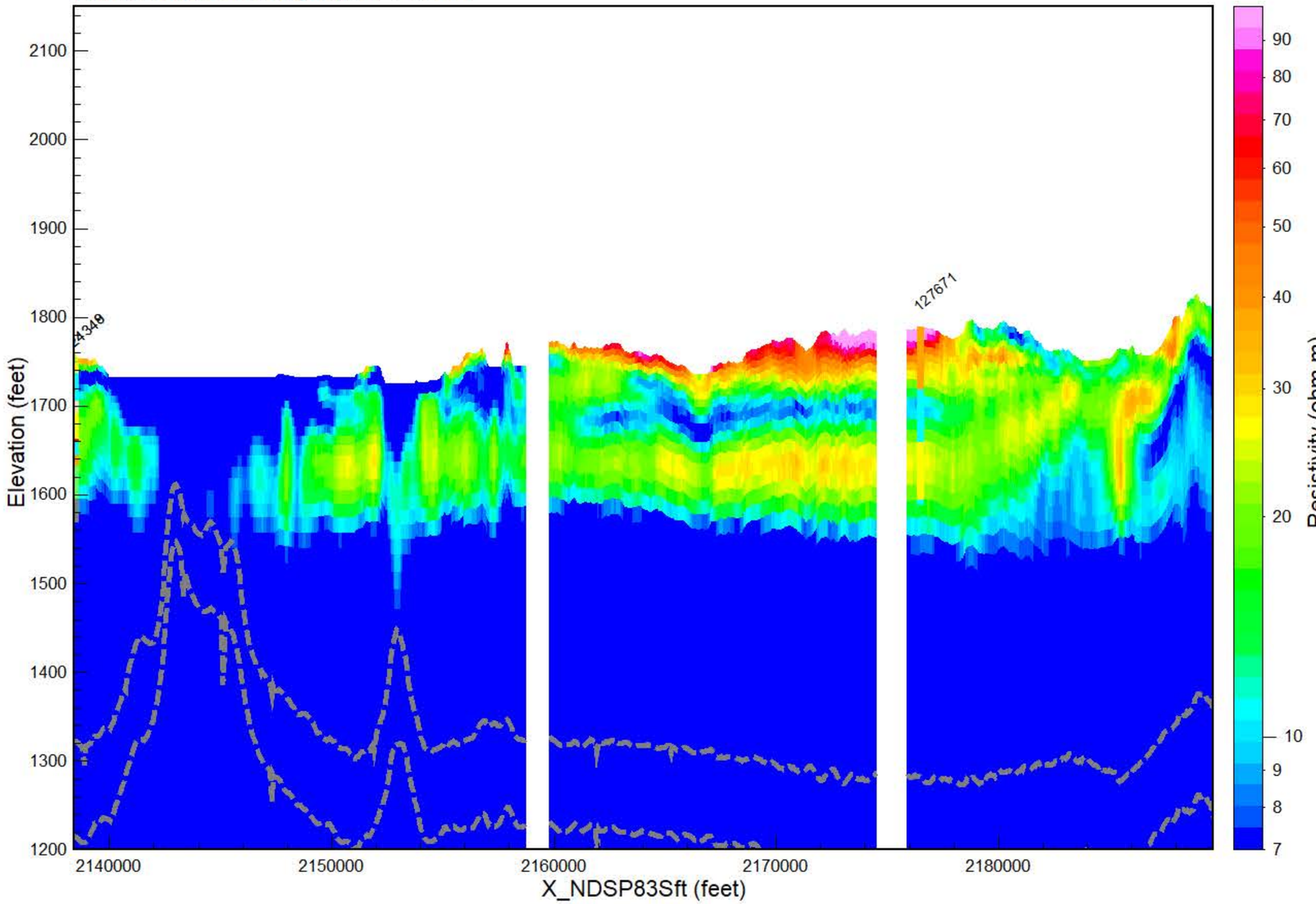
Flight Location Line L500901



AEM Survey Area 1



Final SCI Resistivity Line L500901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

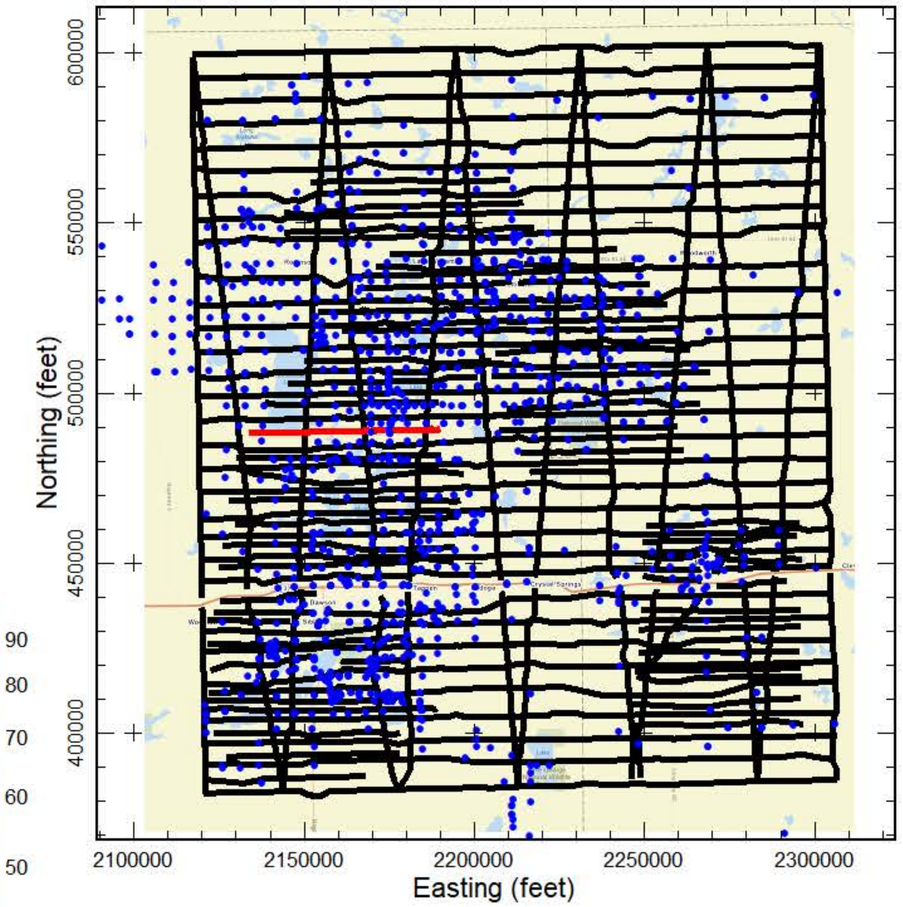
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

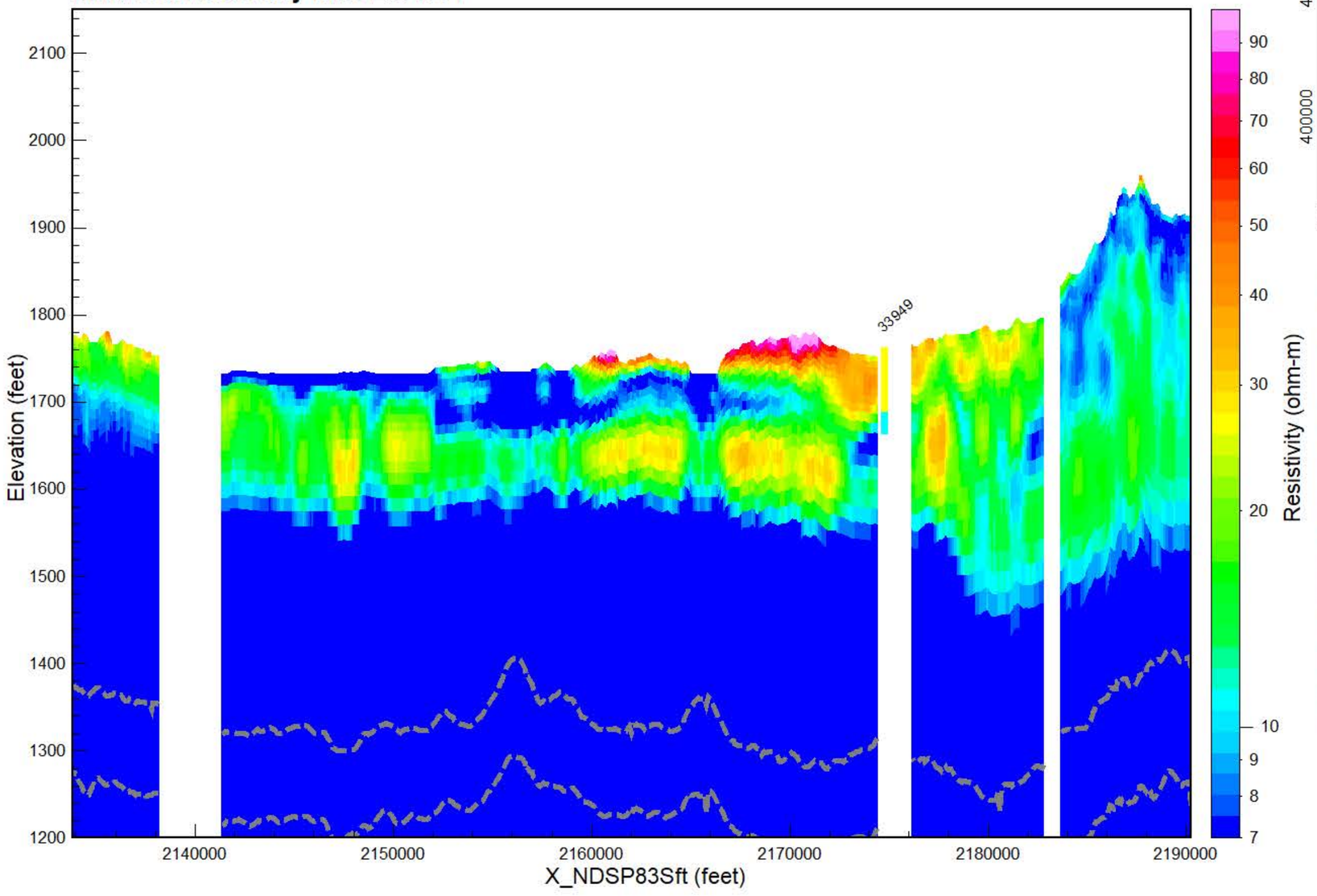
Flight Location Line L501001



AEM Survey Area 1



Final SCI Resistivity Line L501001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

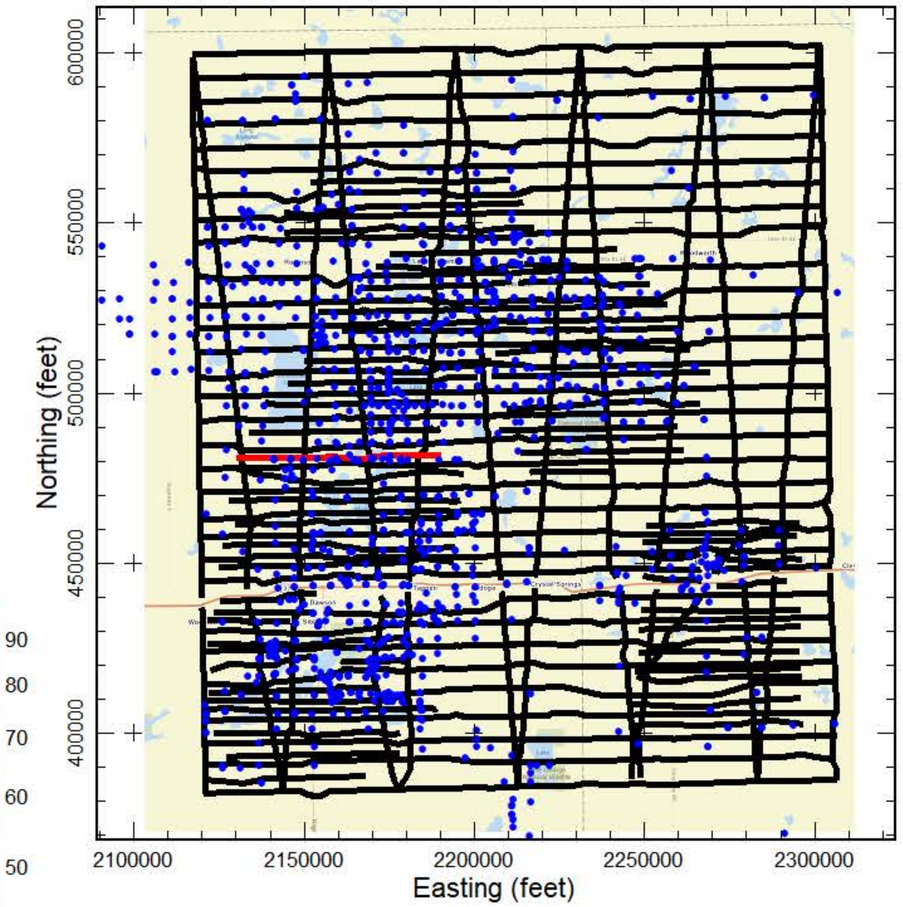
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

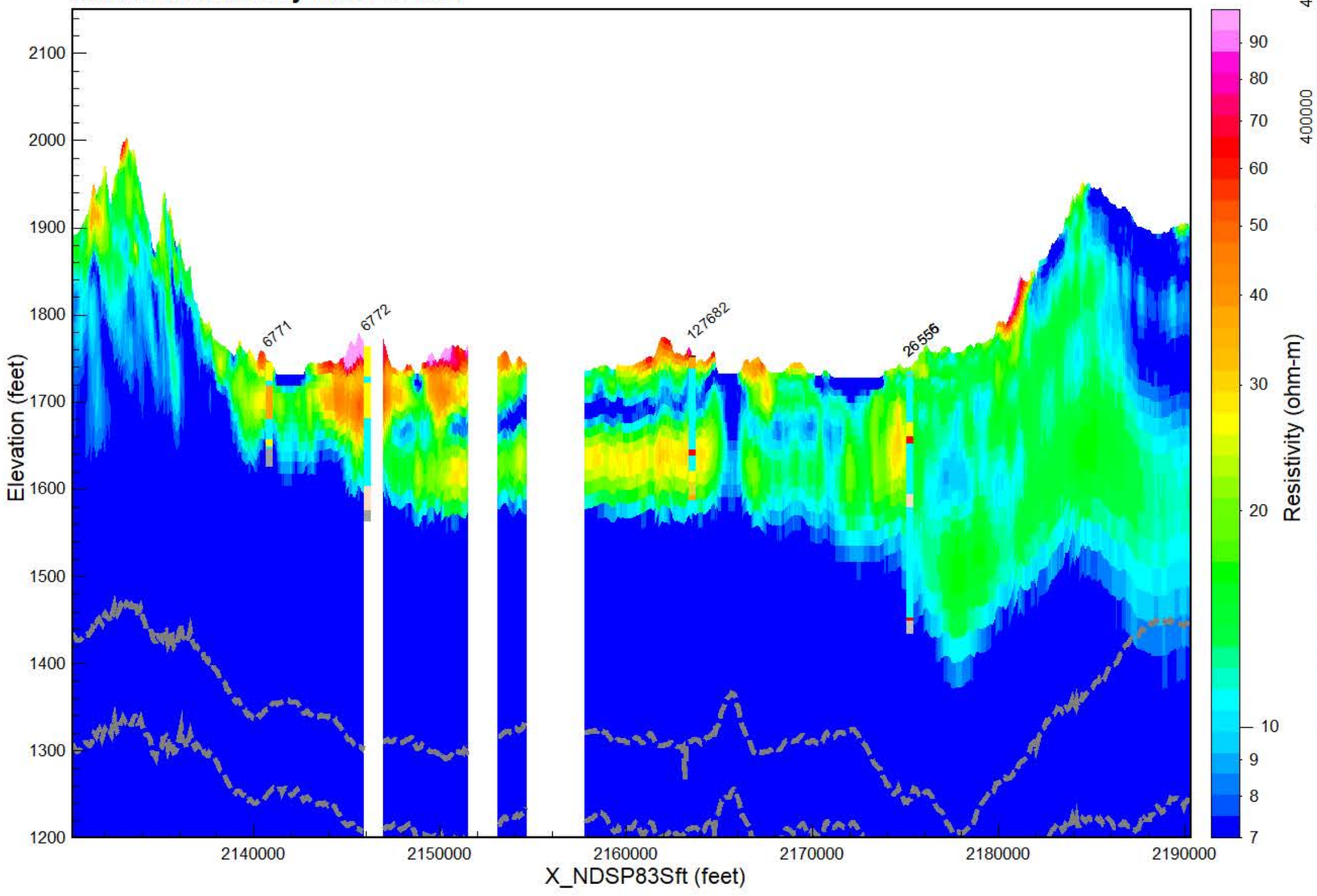
Flight Location Line L501101



AEM Survey Area 1



Final SCI Resistivity Line L501101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

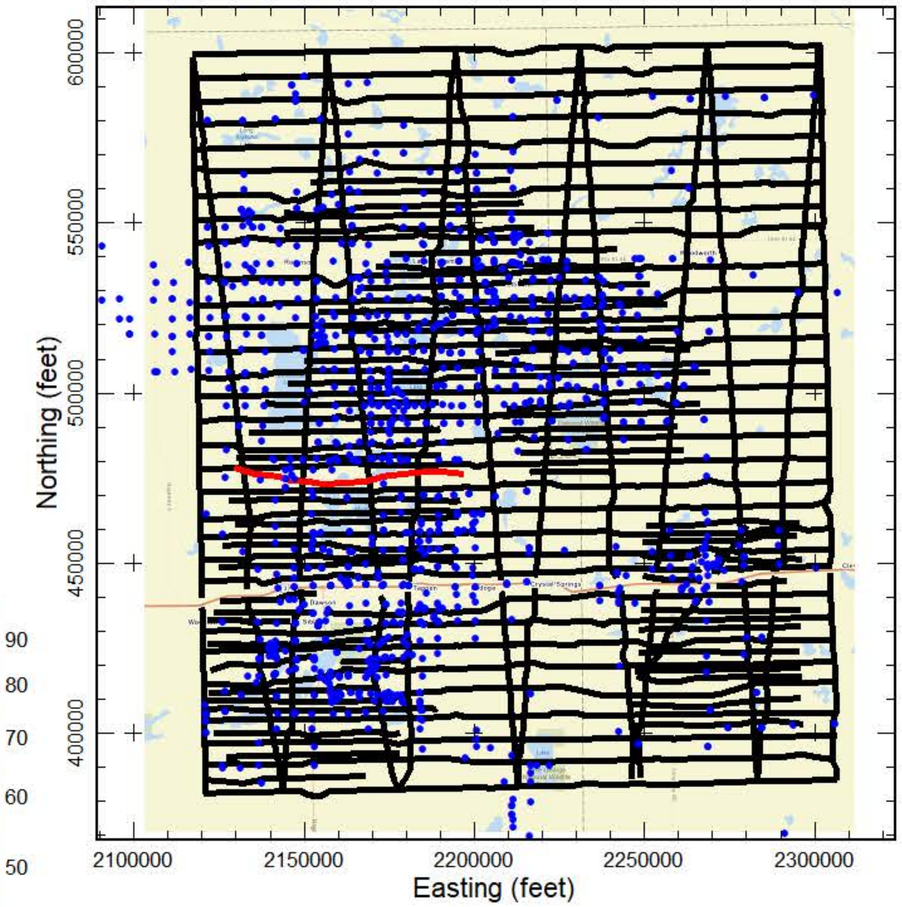
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

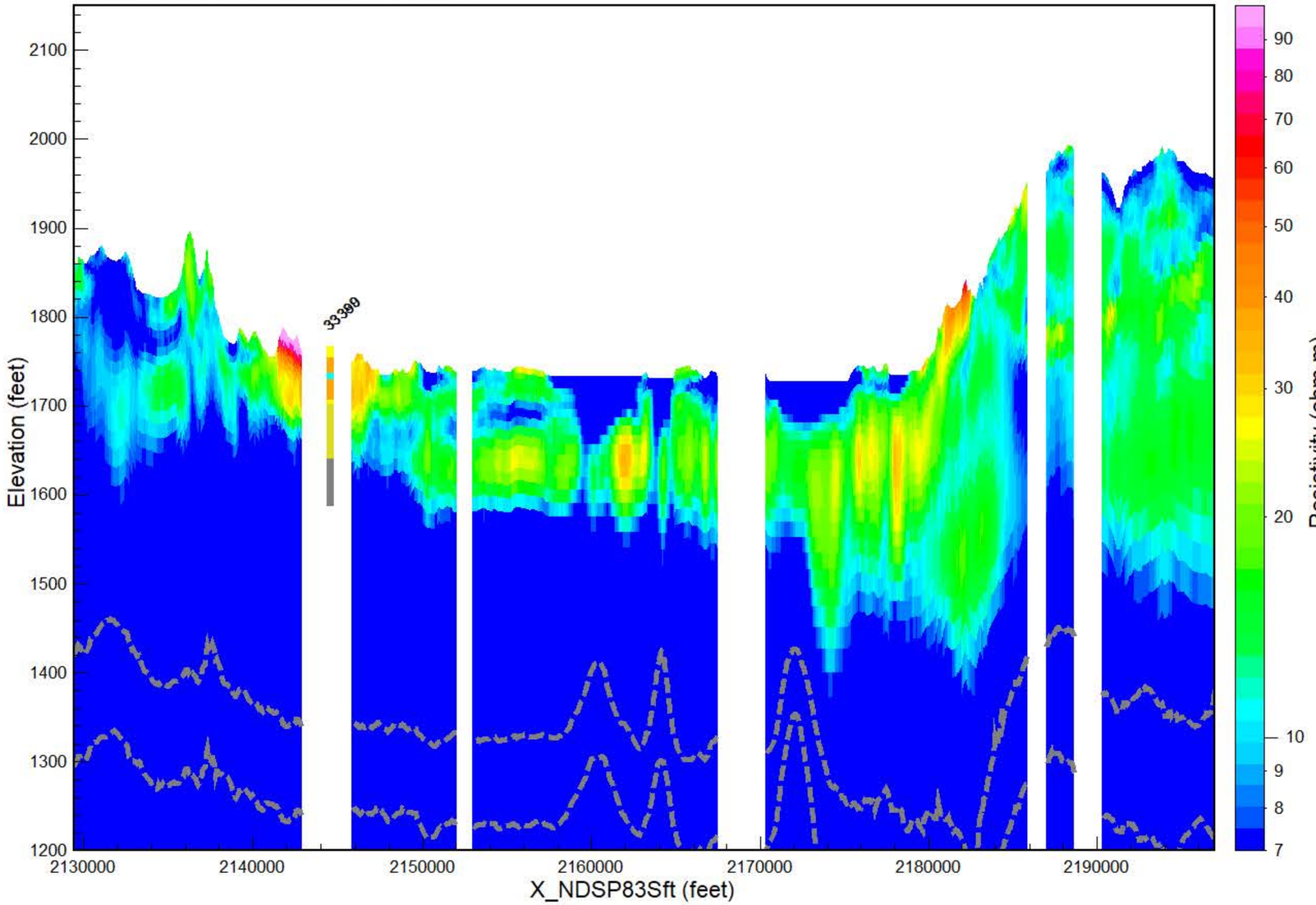
Flight Location Line L501201



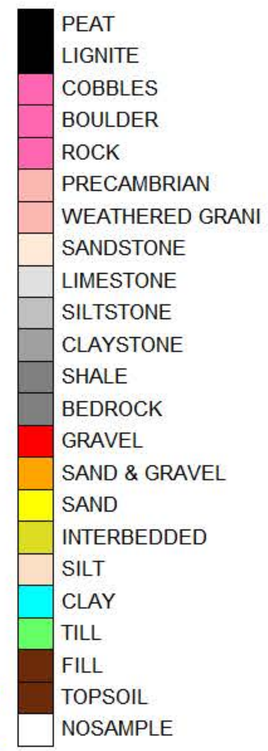
AEM Survey Area 1



Final SCI Resistivity Line L501201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

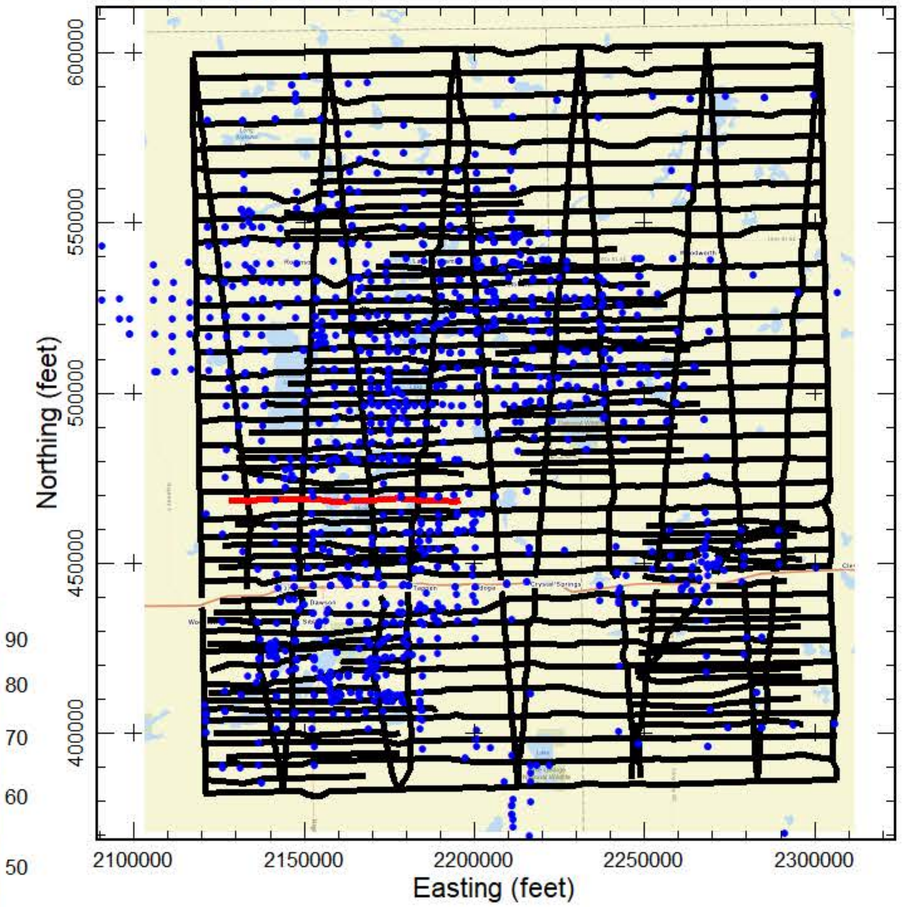


AGF
Aqua Geo Frameworks

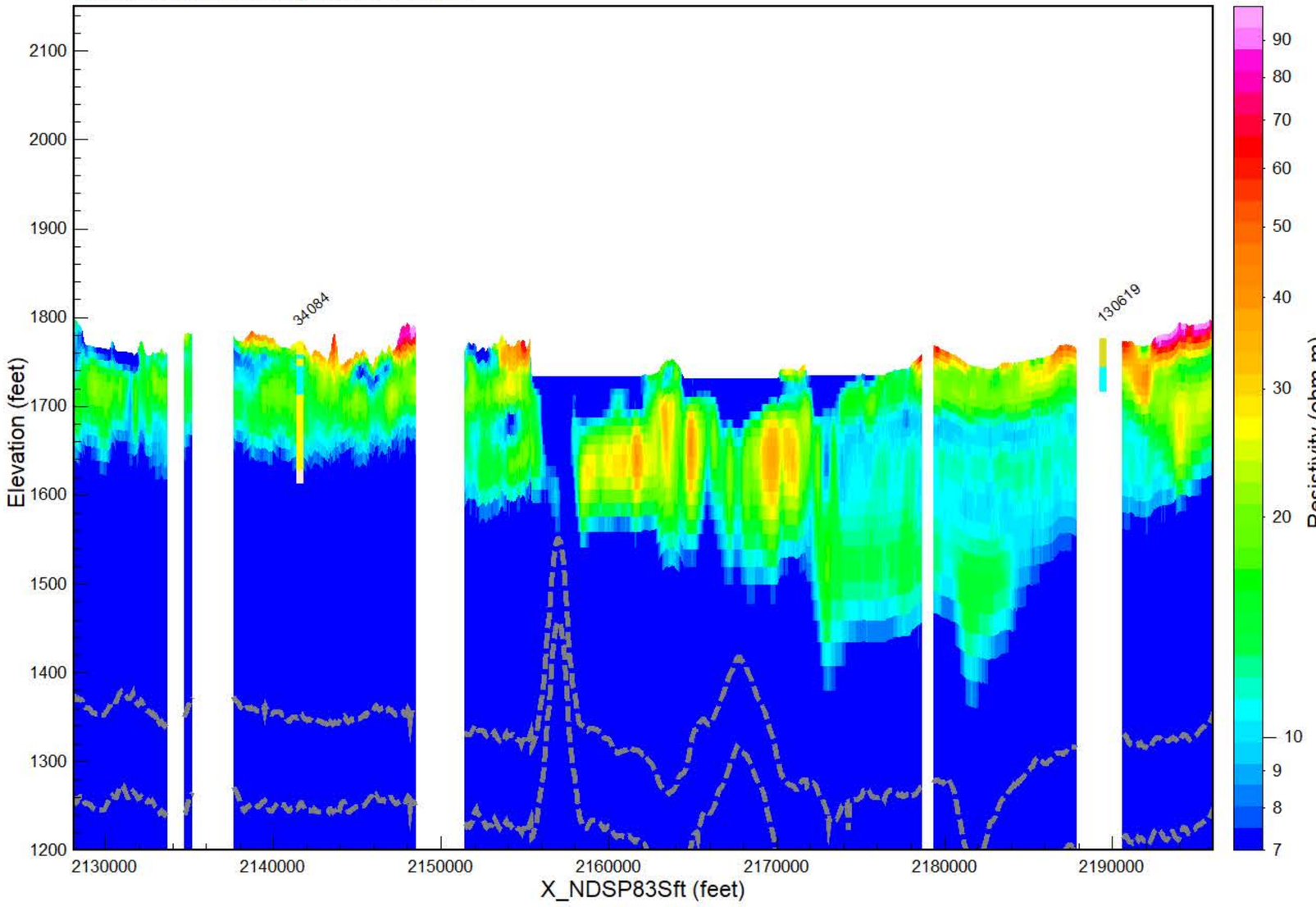
Flight Location Line L501301



AEM Survey Area 1



Final SCI Resistivity Line L501301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

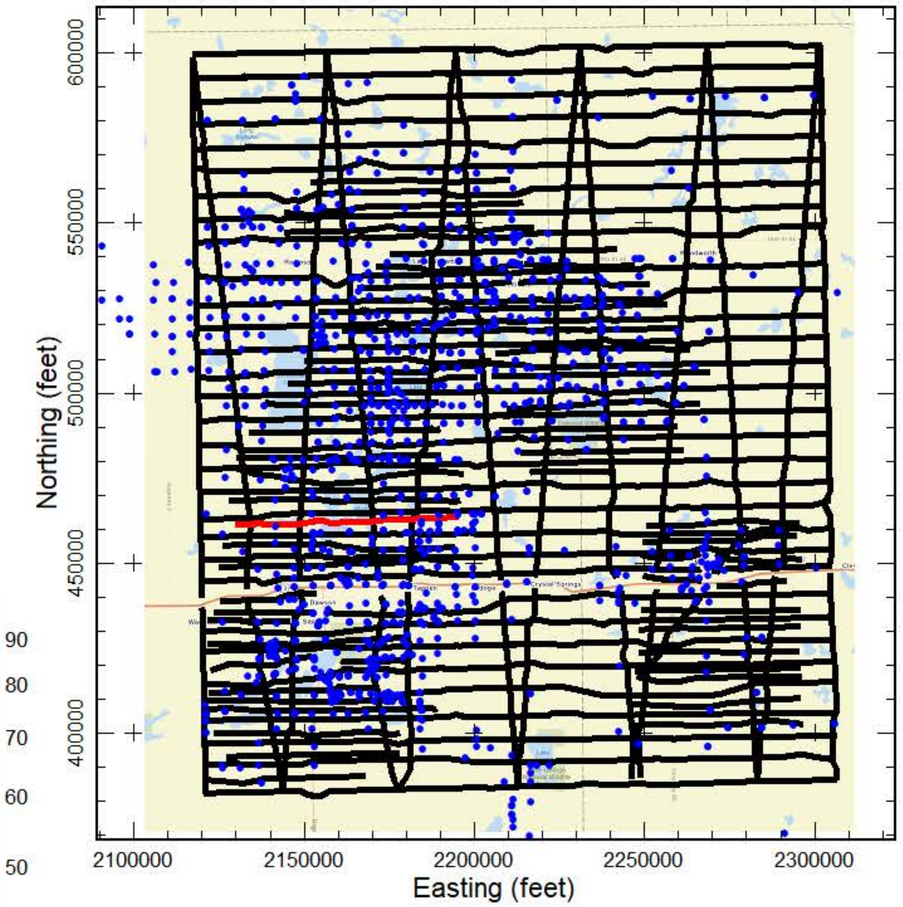
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

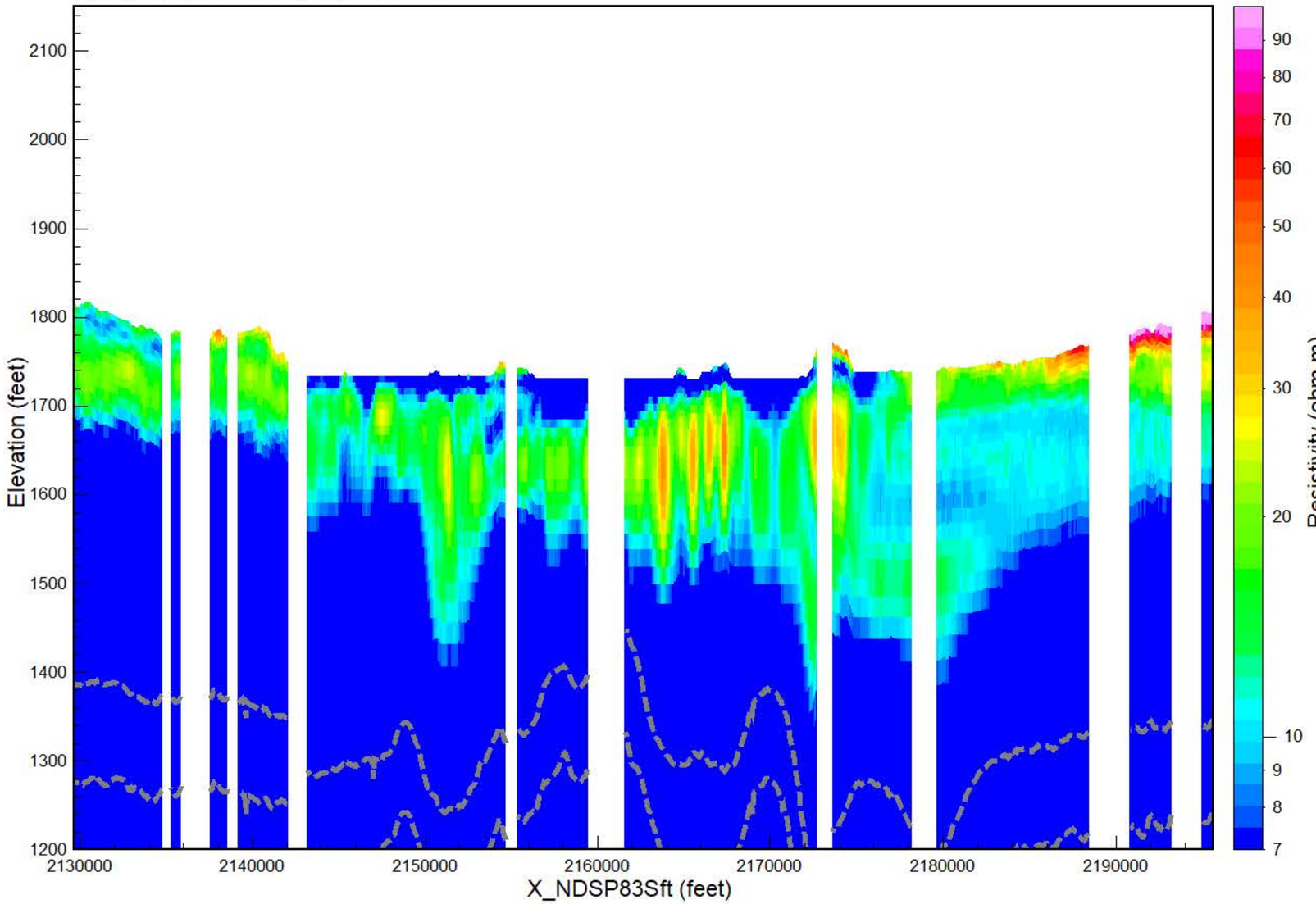
Flight Location Line L501401



AEM Survey Area 1



Final SCI Resistivity Line L501401

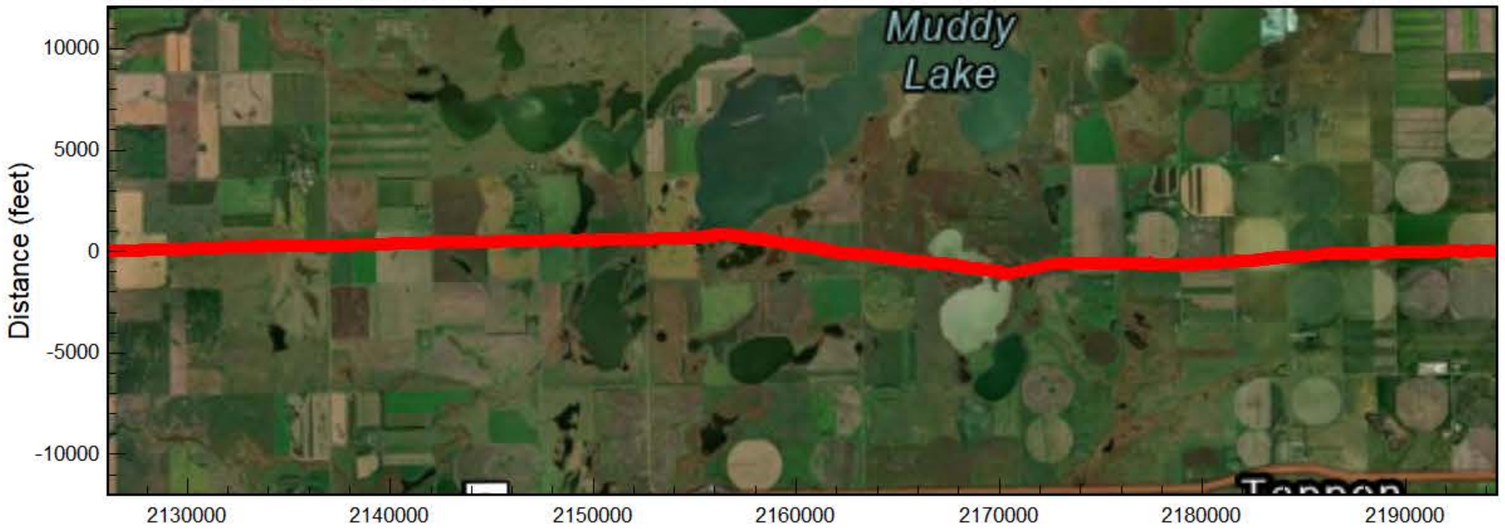


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

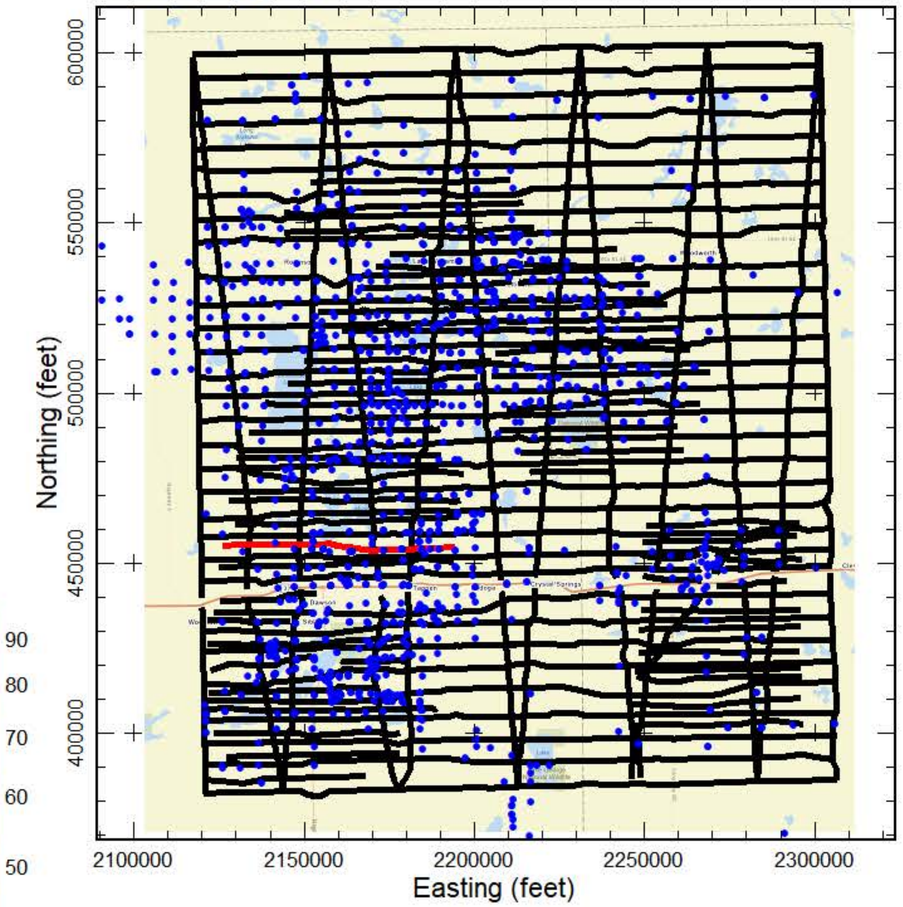
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

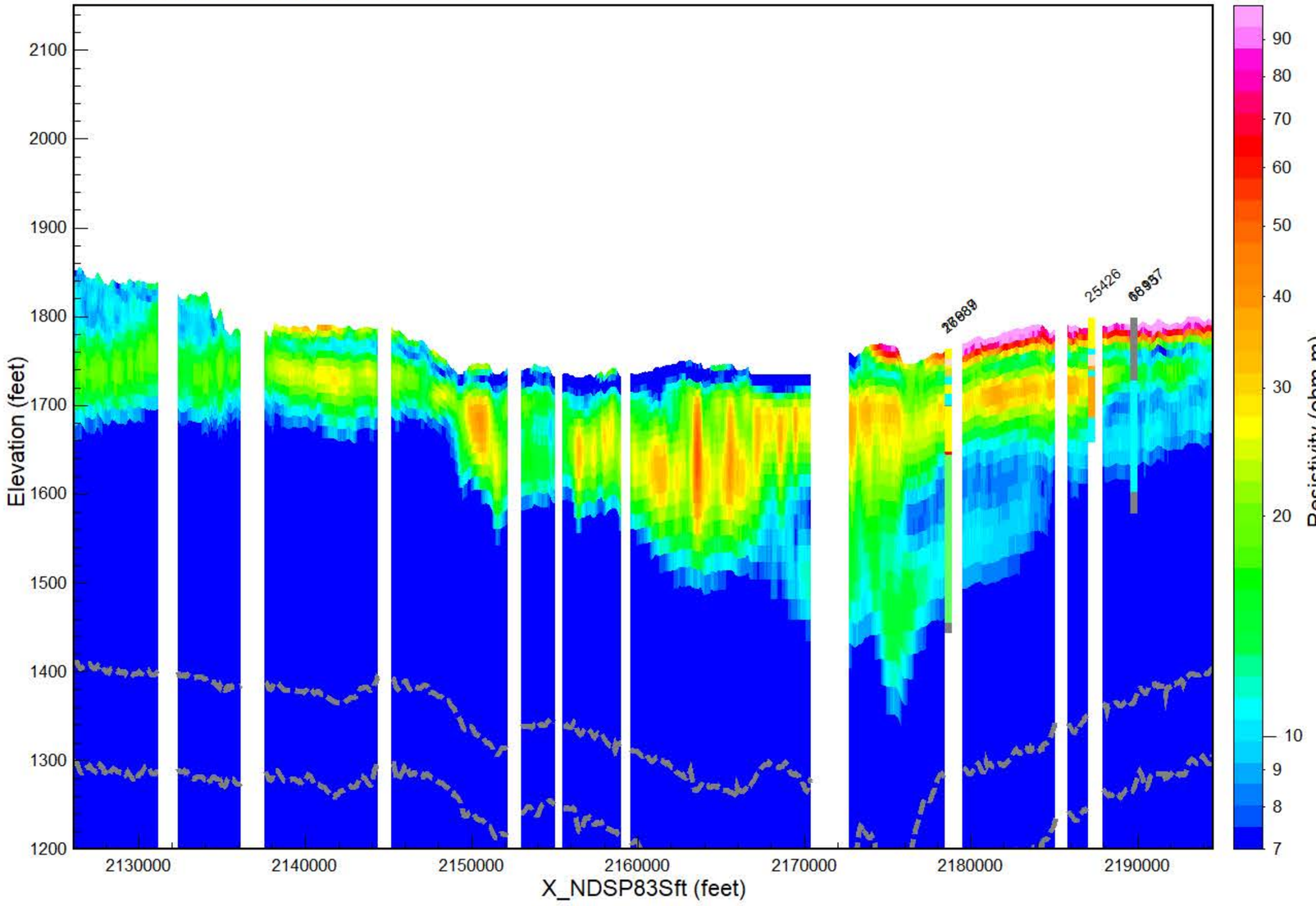
Flight Location Line L501501



AEM Survey Area 1



Final SCI Resistivity Line L501501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

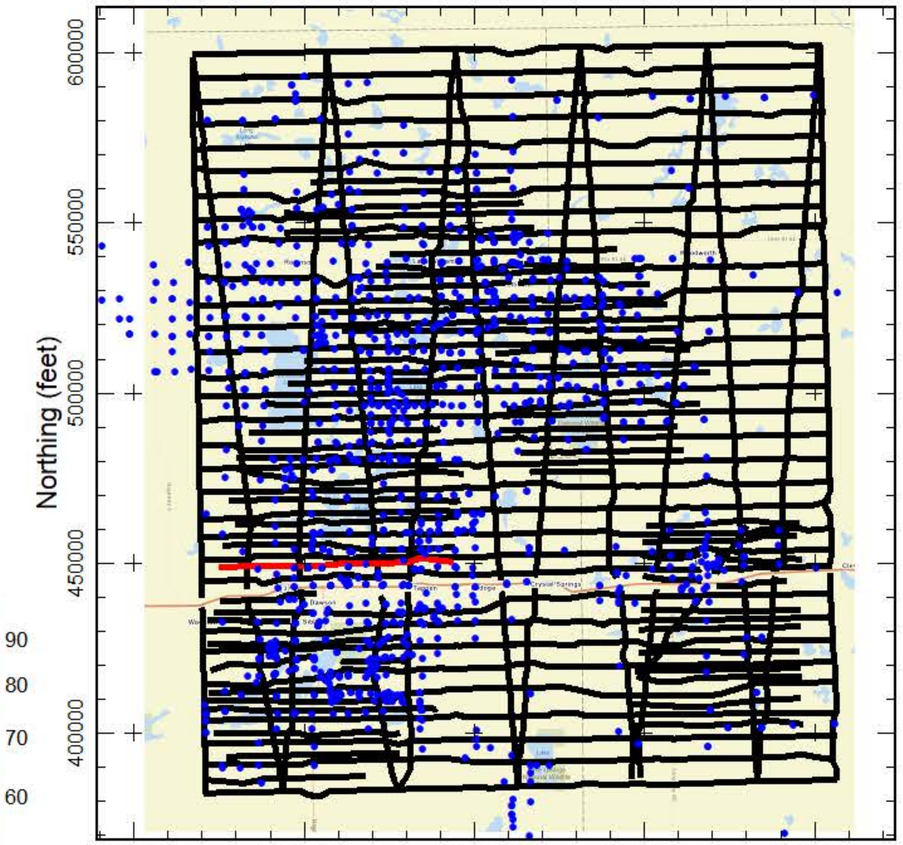
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

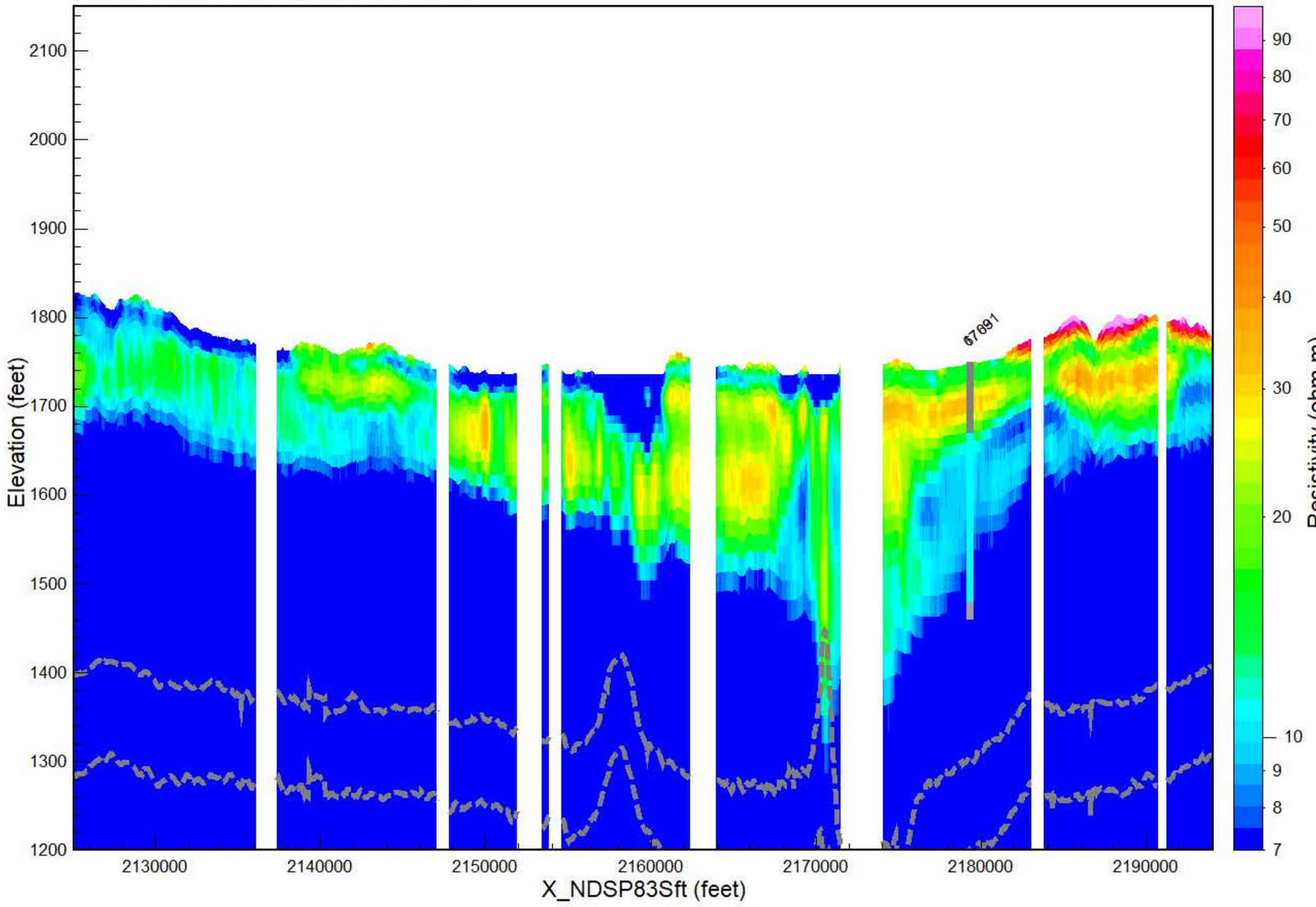
Flight Location Line L501601



AEM Survey Area 1



Final SCI Resistivity Line L501601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

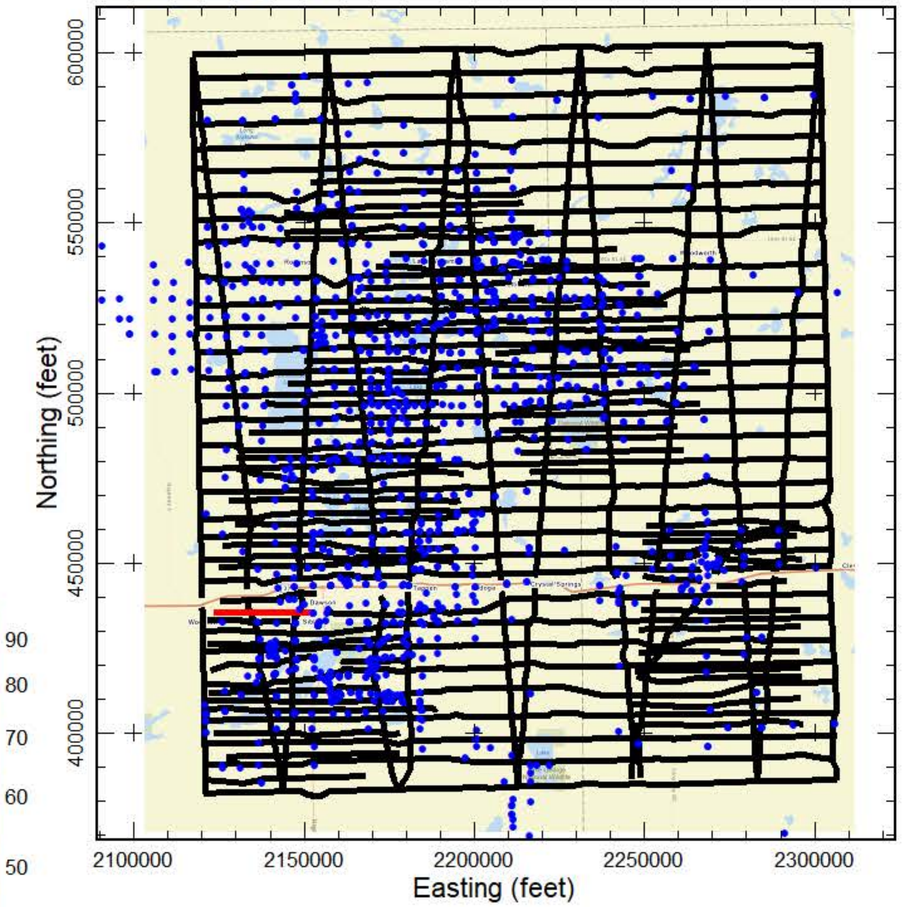
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

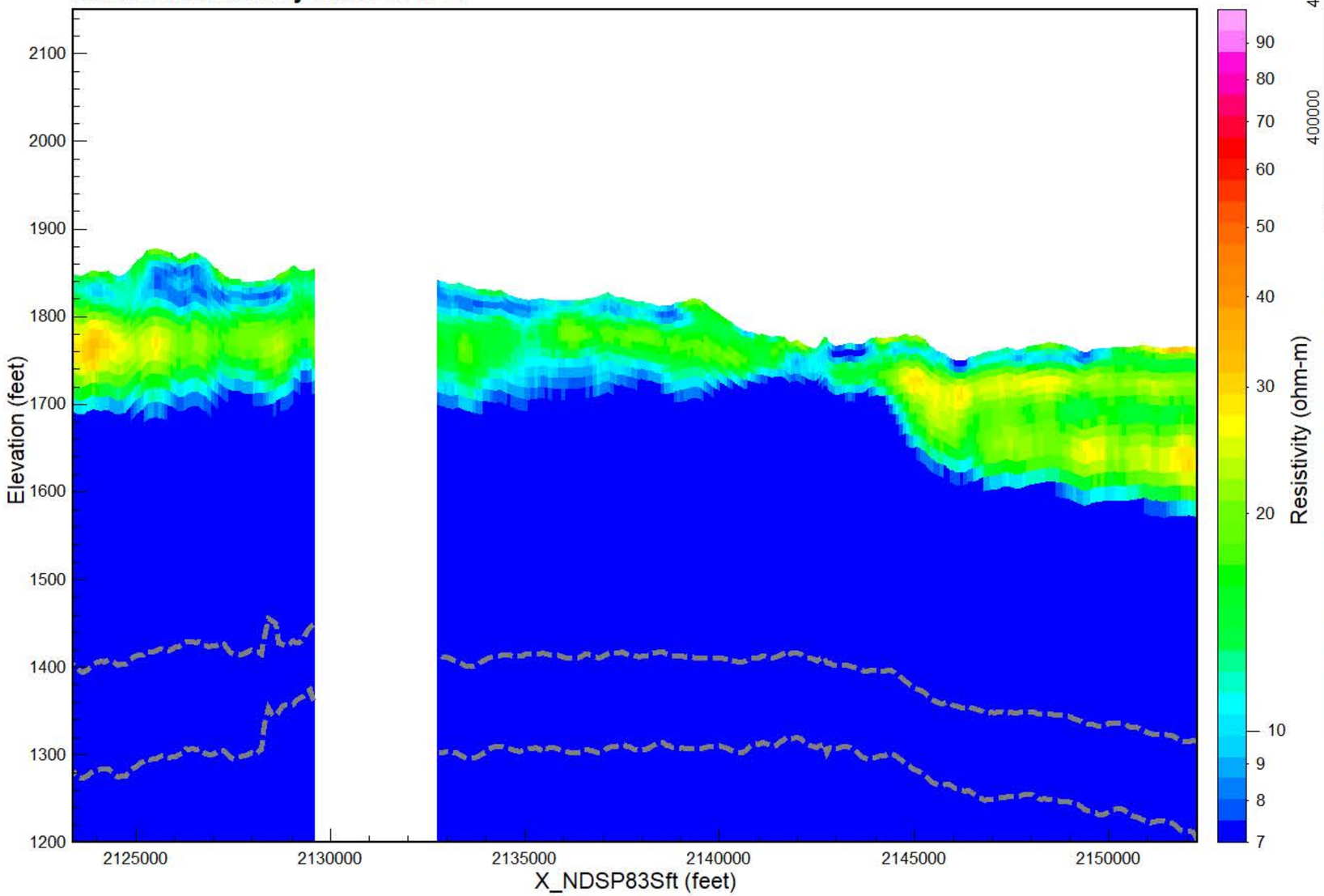
Flight Location Line L501701



AEM Survey Area 1



Final SCI Resistivity Line L501701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

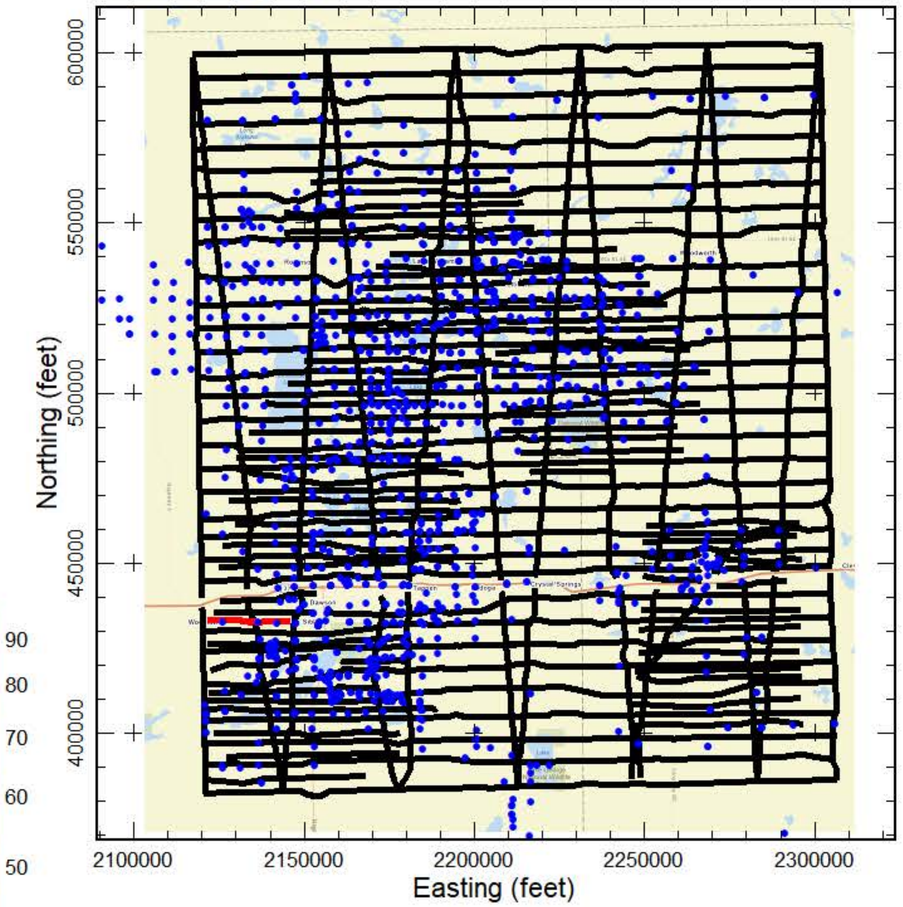
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

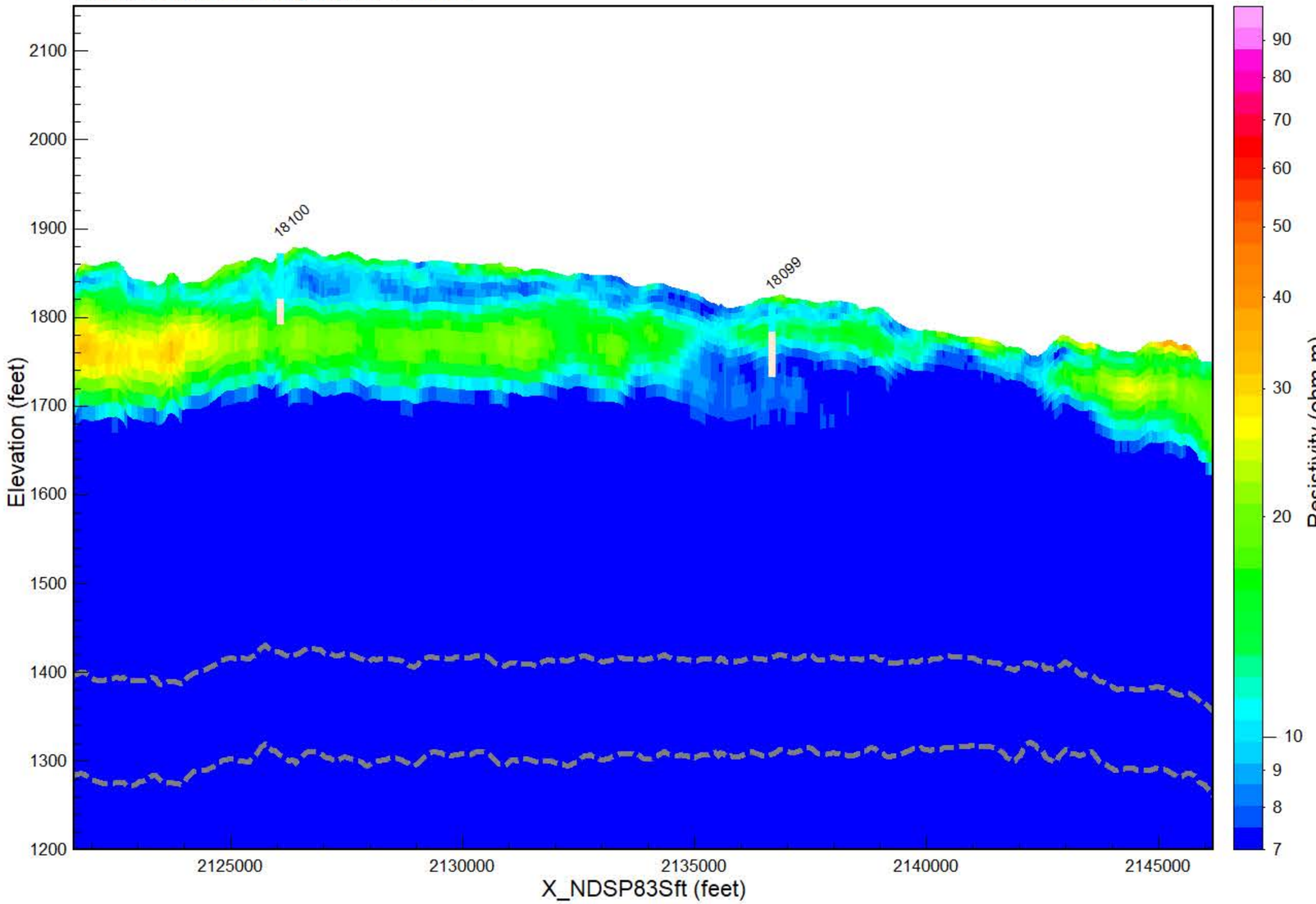
Flight Location Line L501801



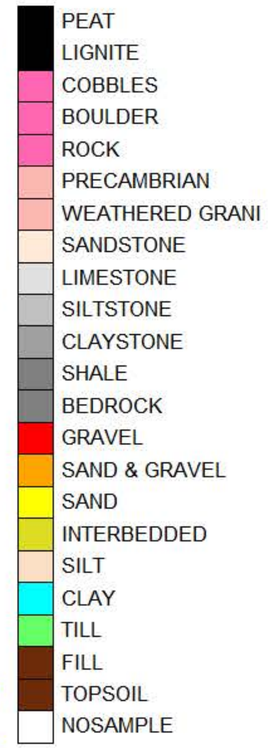
AEM Survey Area 1



Final SCI Resistivity Line L501801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

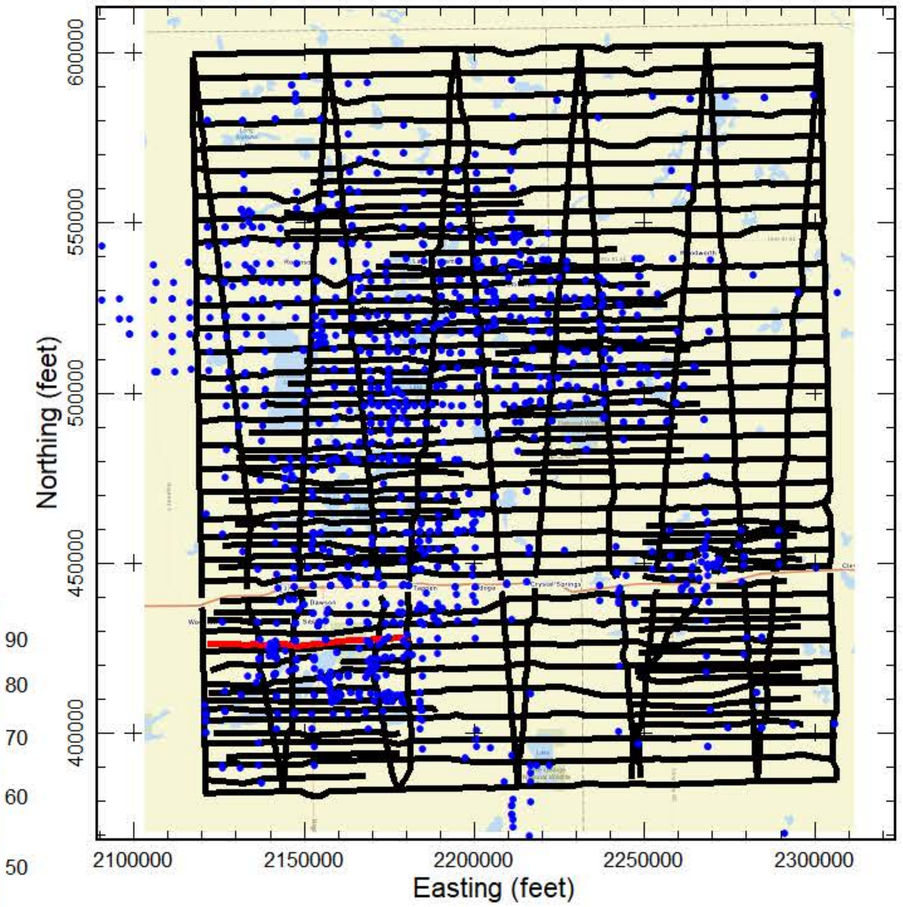


AGF
Aqua Geo Frameworks

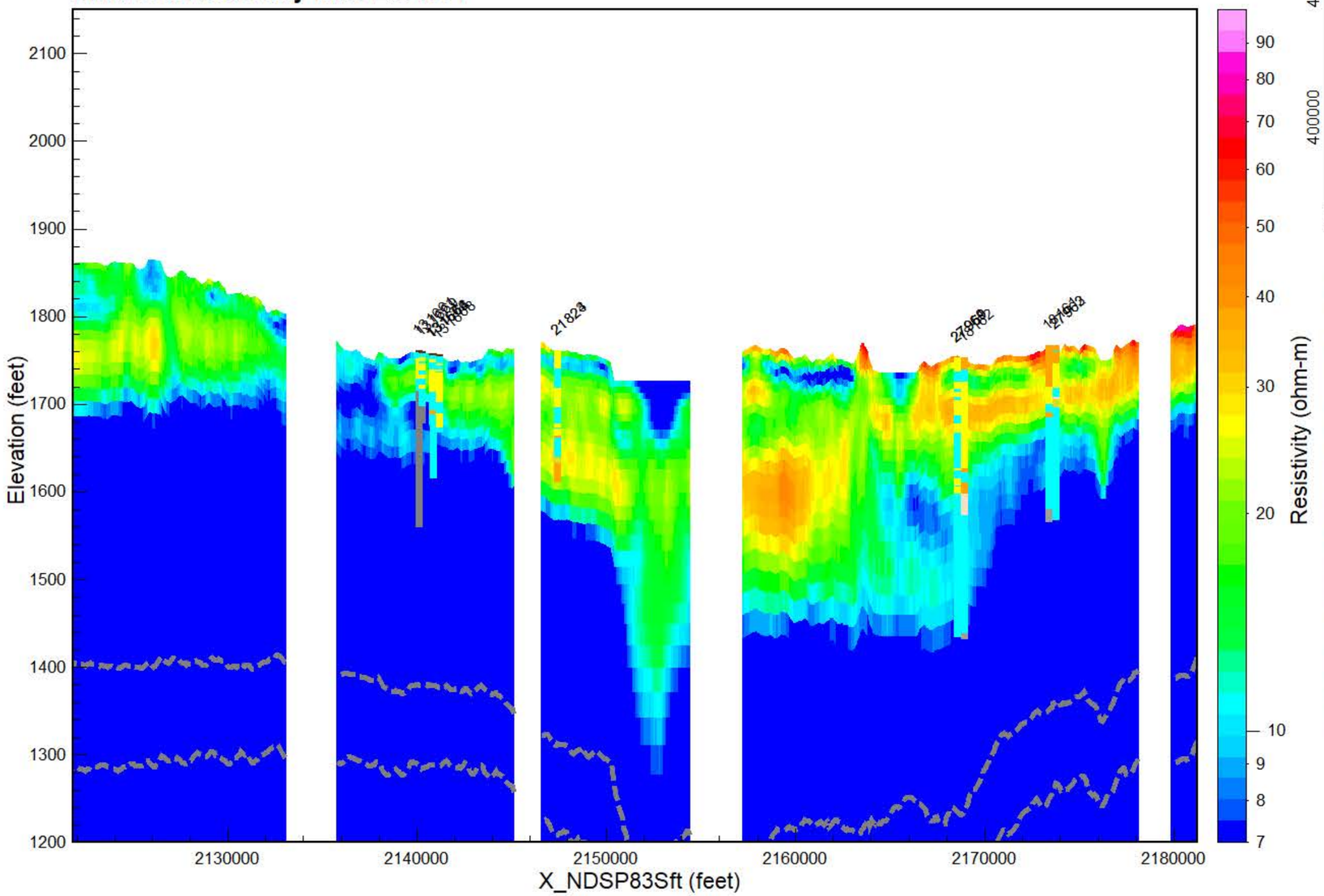
Flight Location Line L501901



AEM Survey Area 1



Final SCI Resistivity Line L501901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

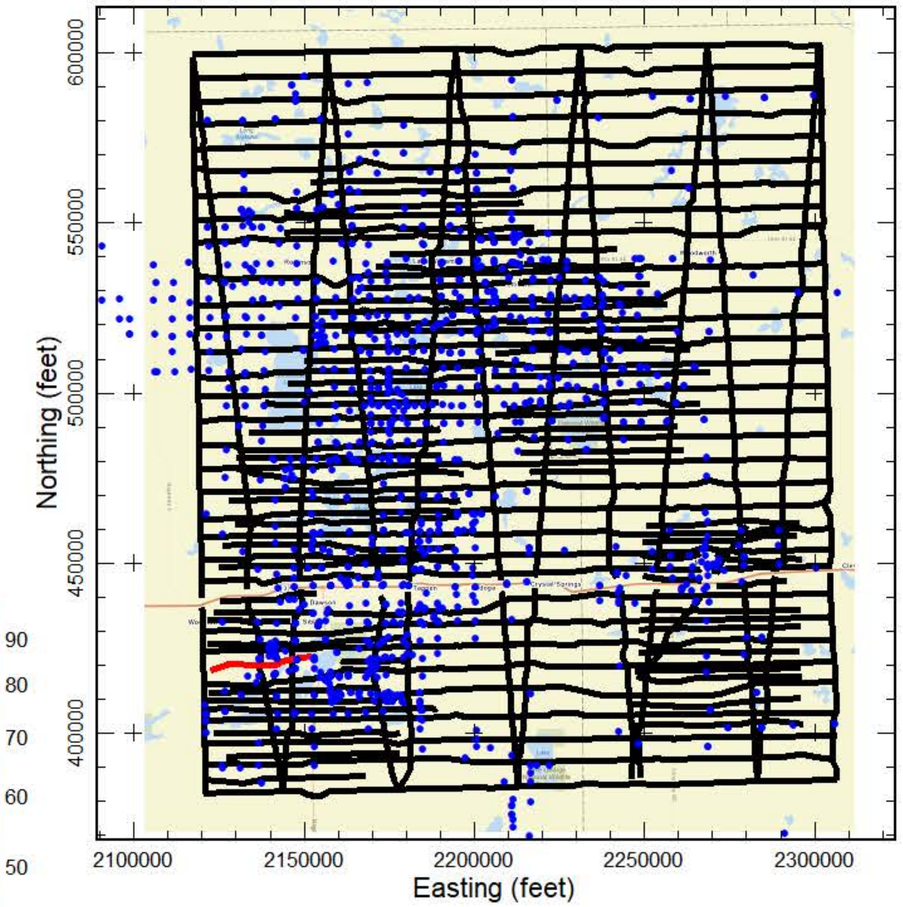
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

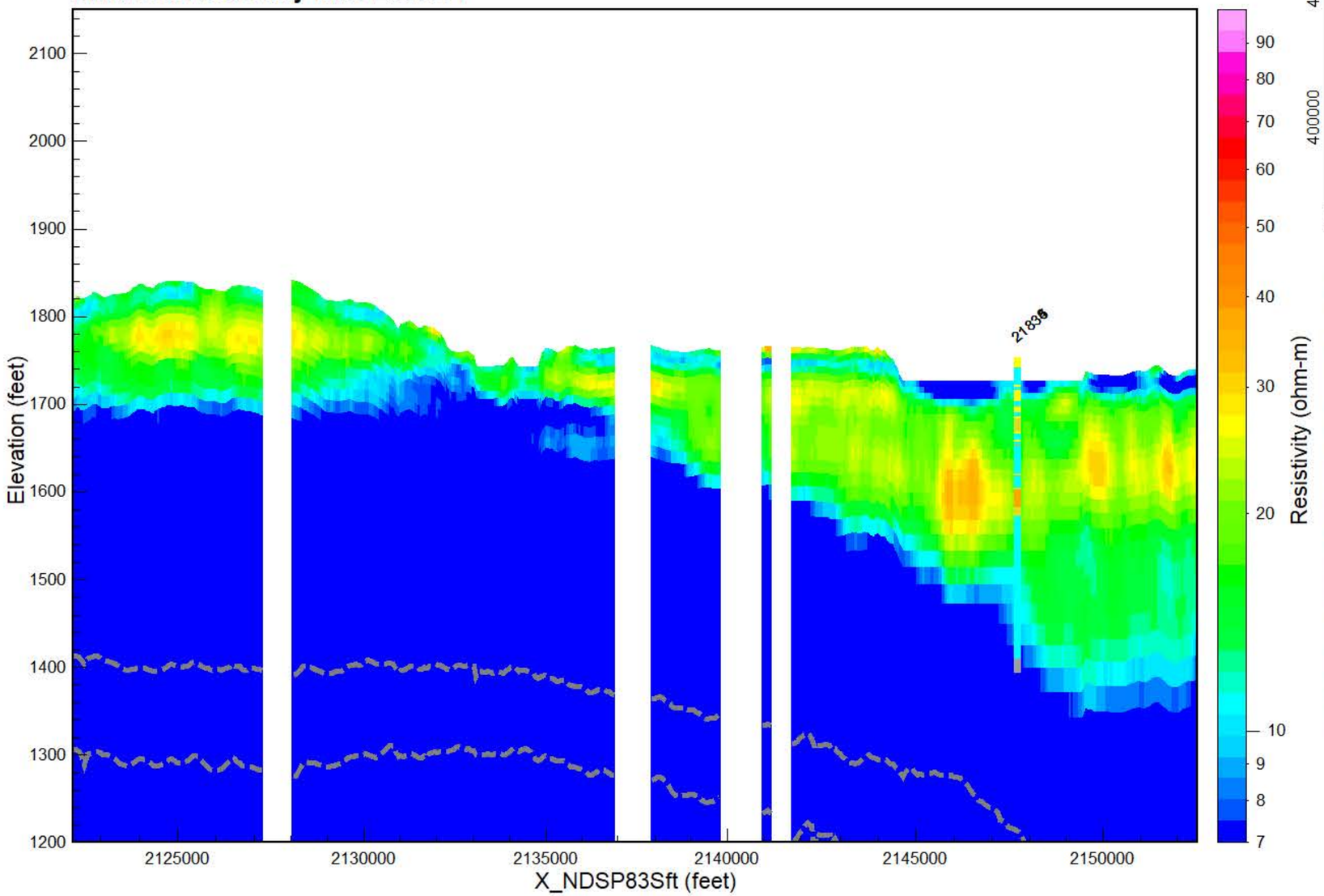
Flight Location Line L502001



AEM Survey Area 1



Final SCI Resistivity Line L502001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

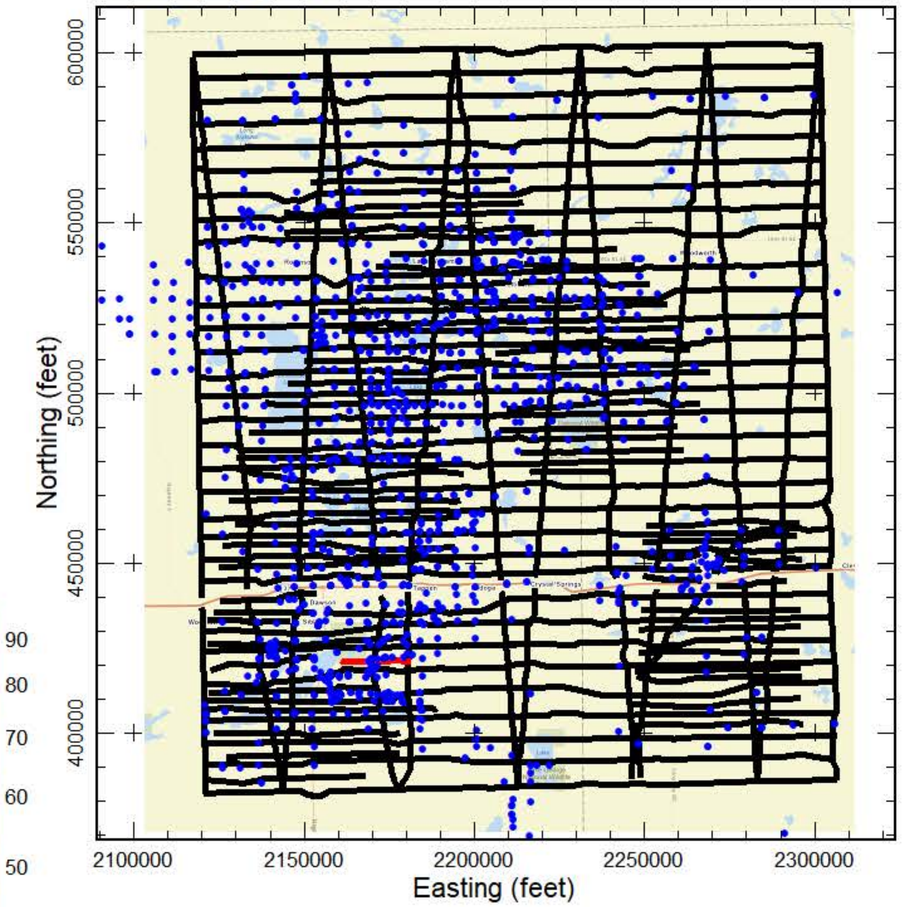
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

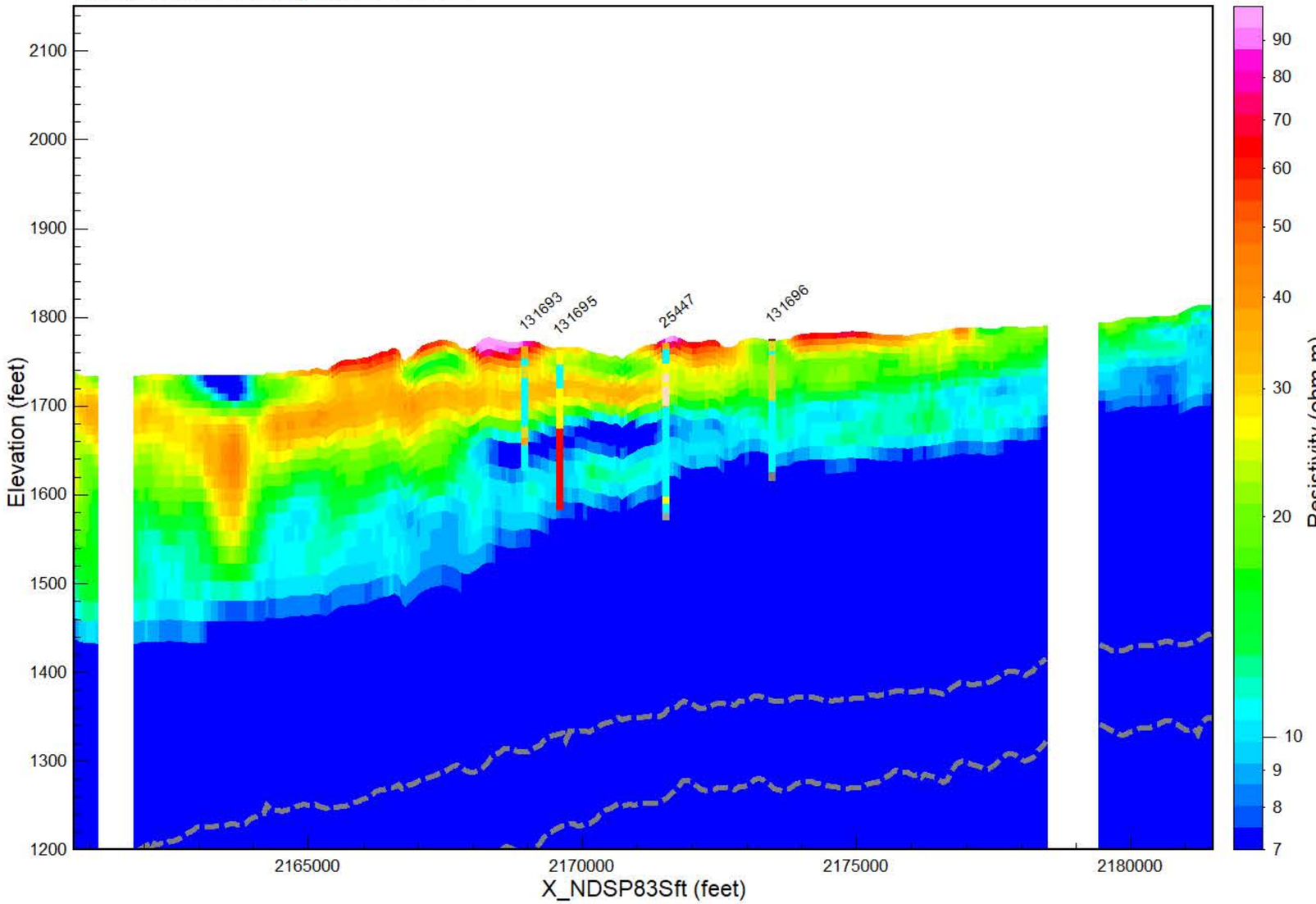
Flight Location Line L502101



AEM Survey Area 1



Final SCI Resistivity Line L502101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

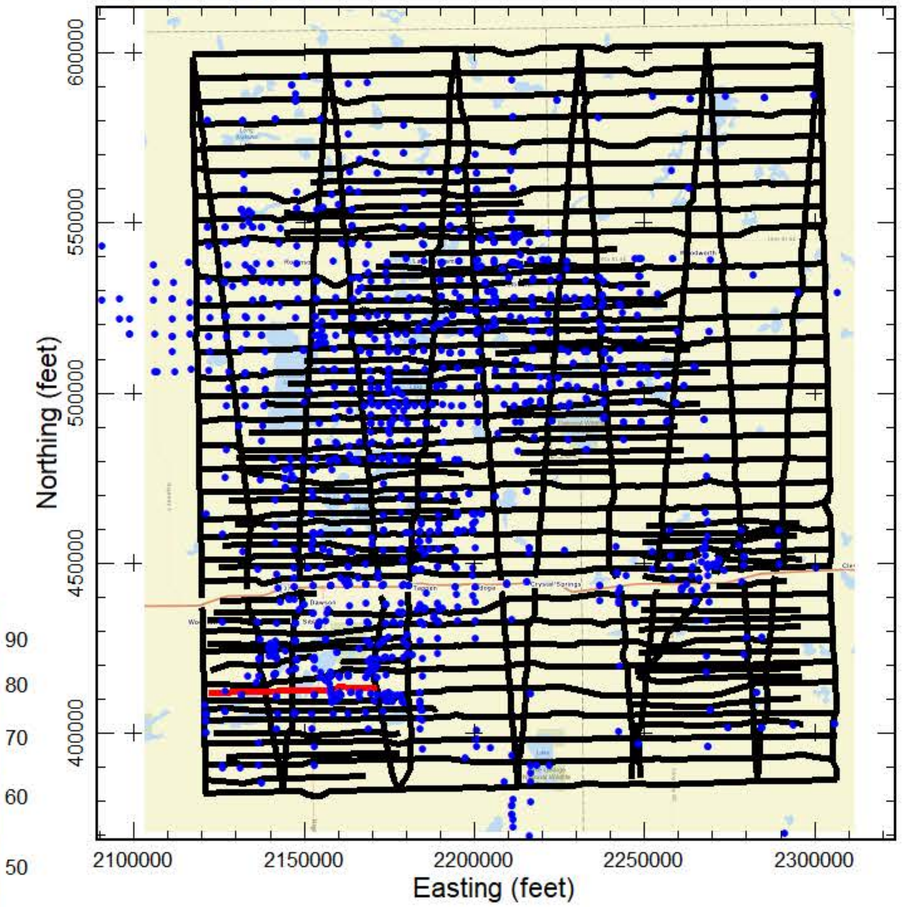
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

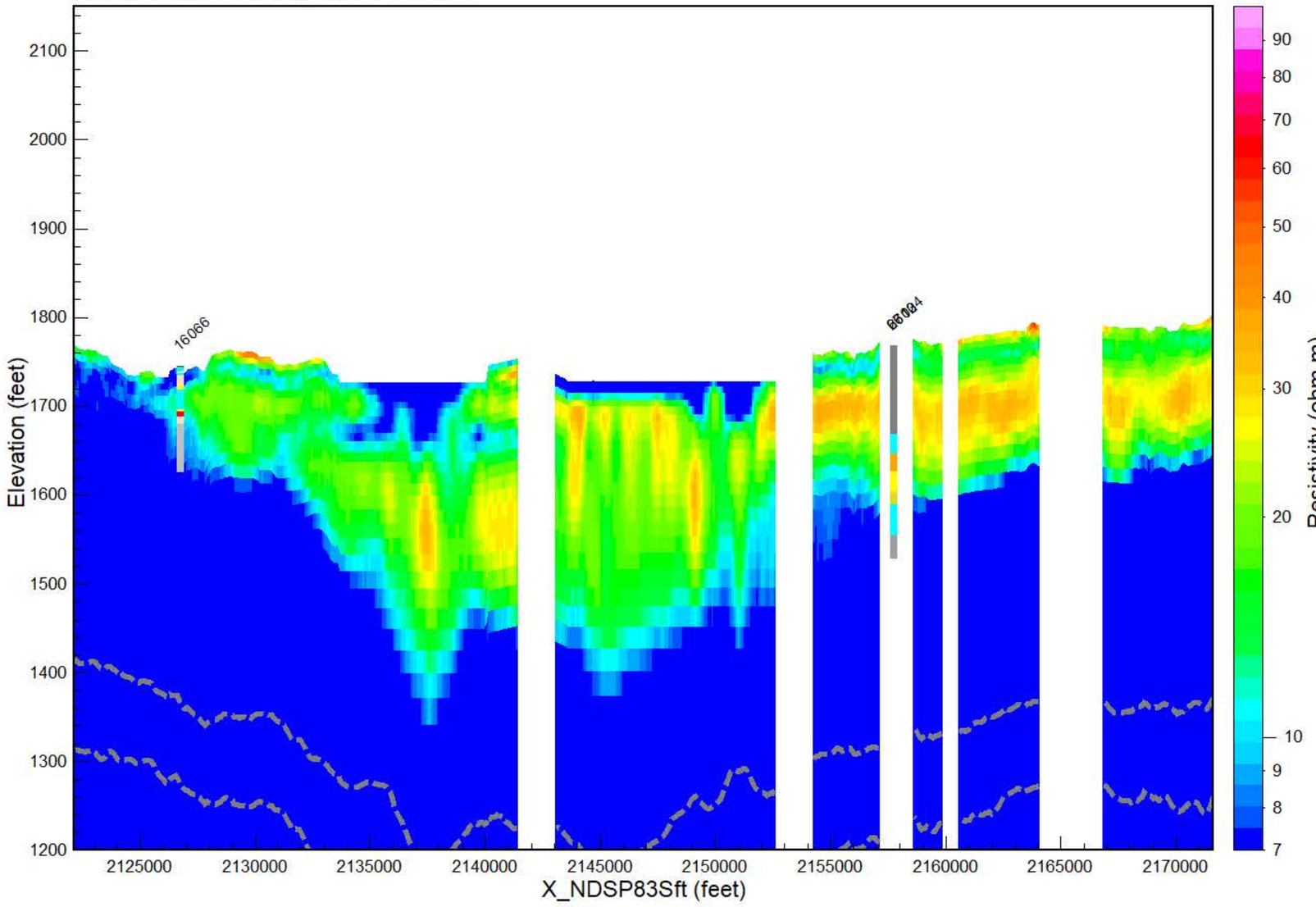
Flight Location Line L502201



AEM Survey Area 1



Final SCI Resistivity Line L502201

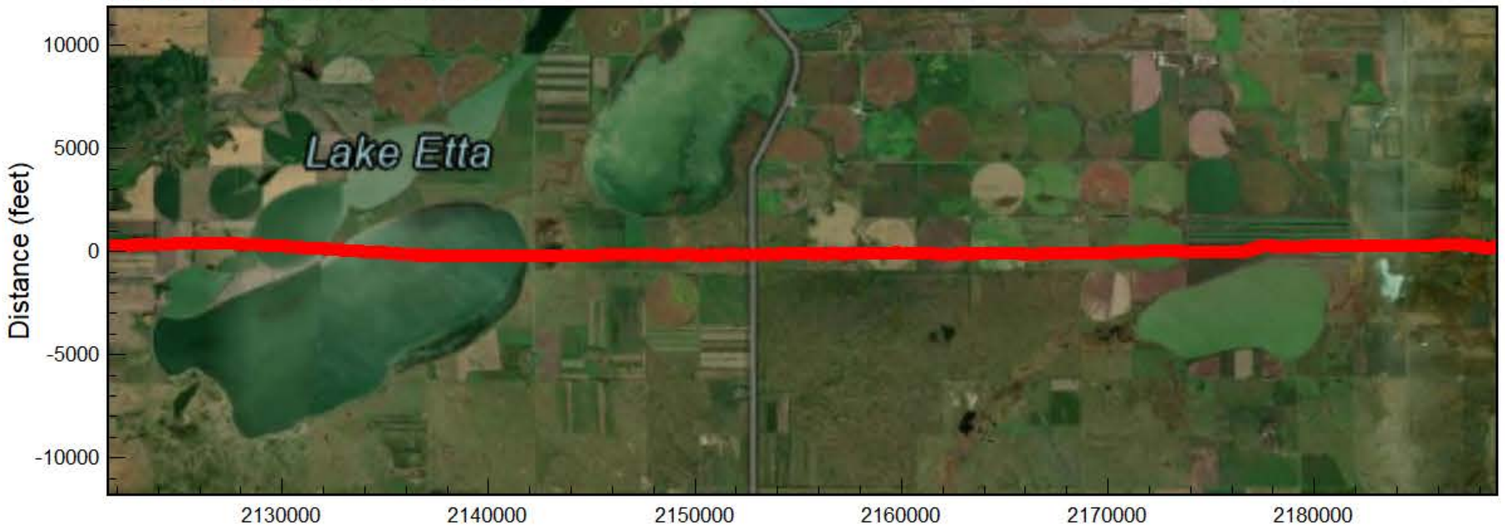


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

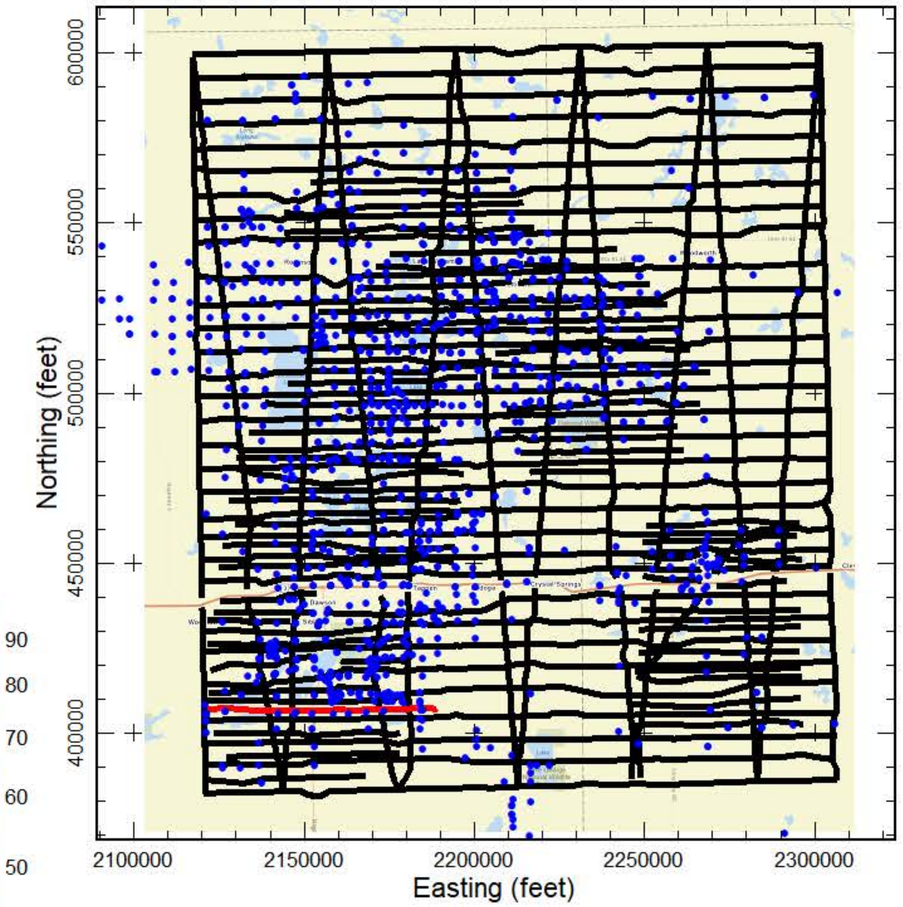
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

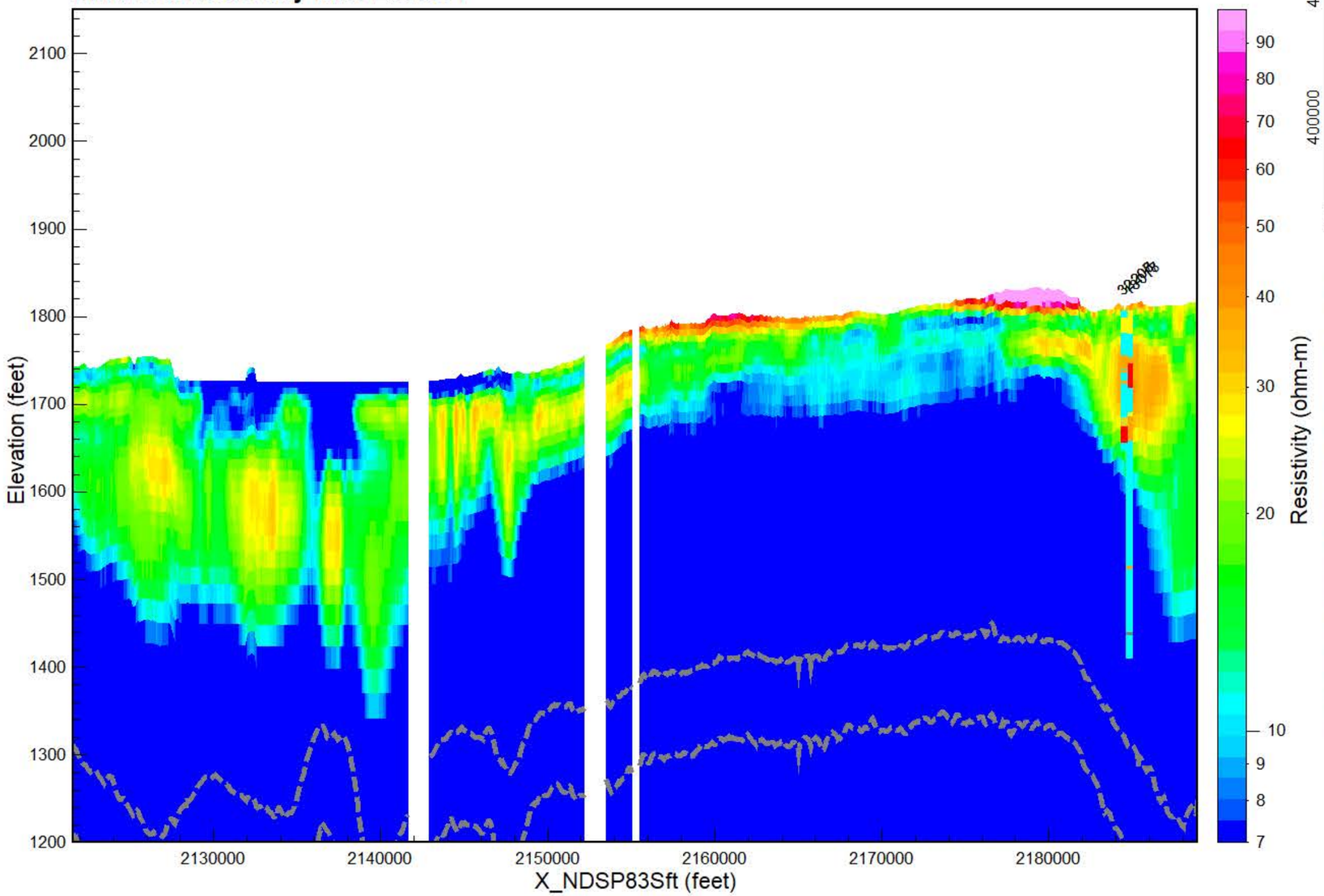
Flight Location Line L502301



AEM Survey Area 1



Final SCI Resistivity Line L502301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

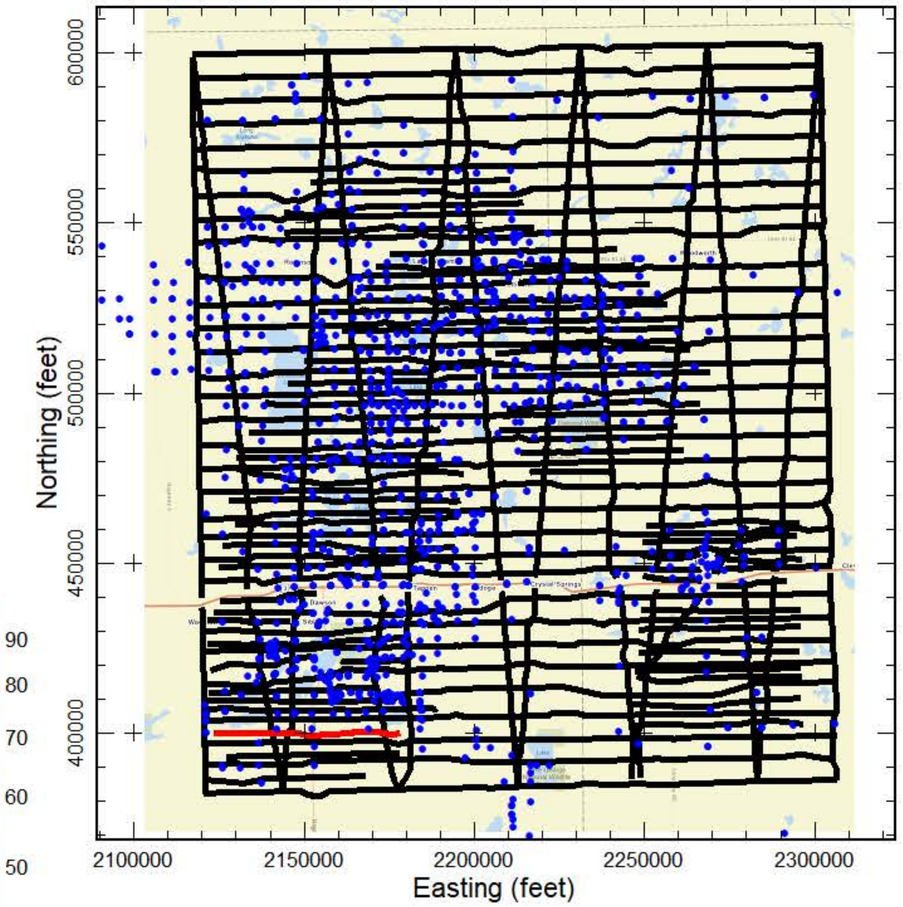
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

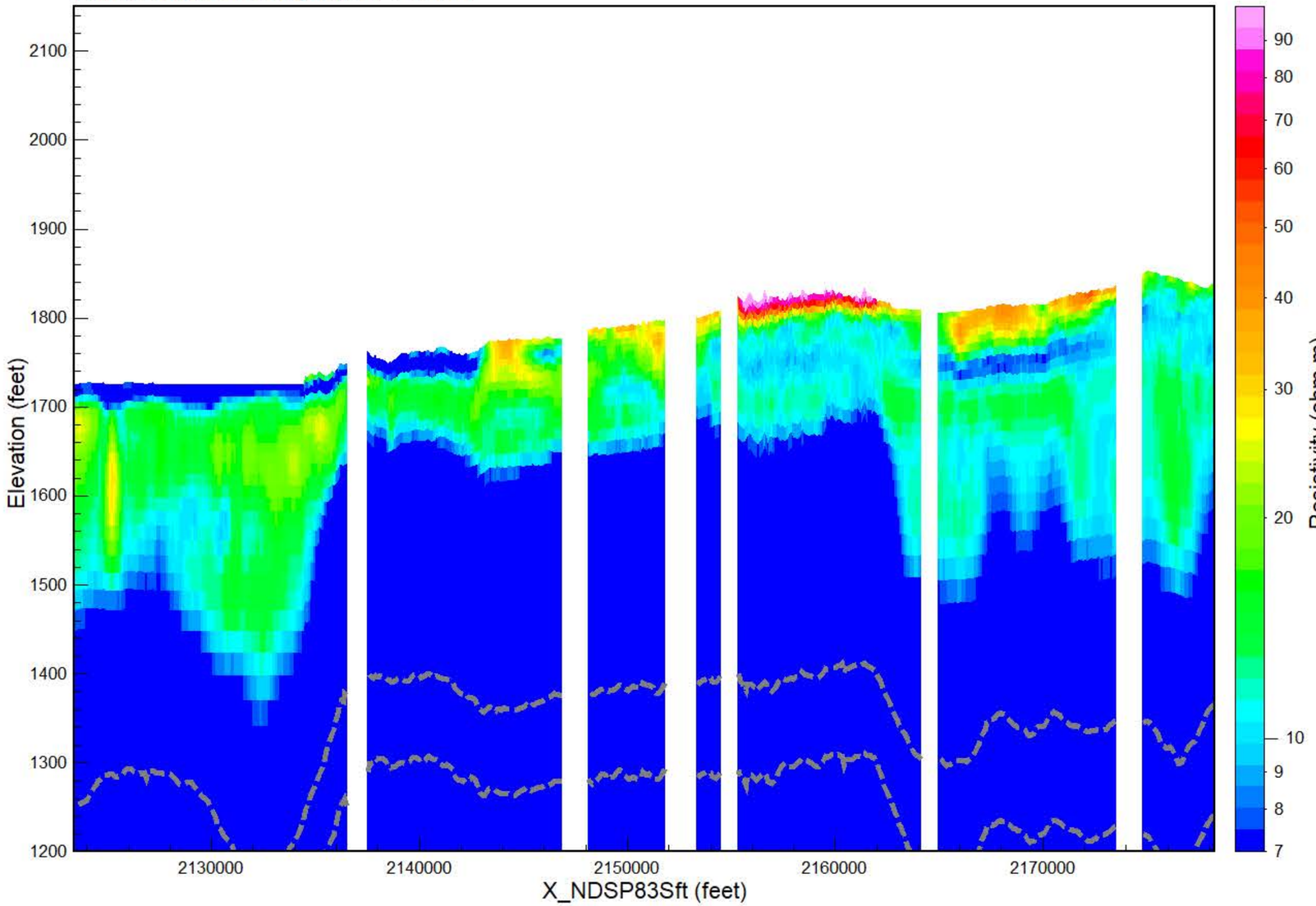
Flight Location Line L502401



AEM Survey Area 1



Final SCI Resistivity Line L502401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

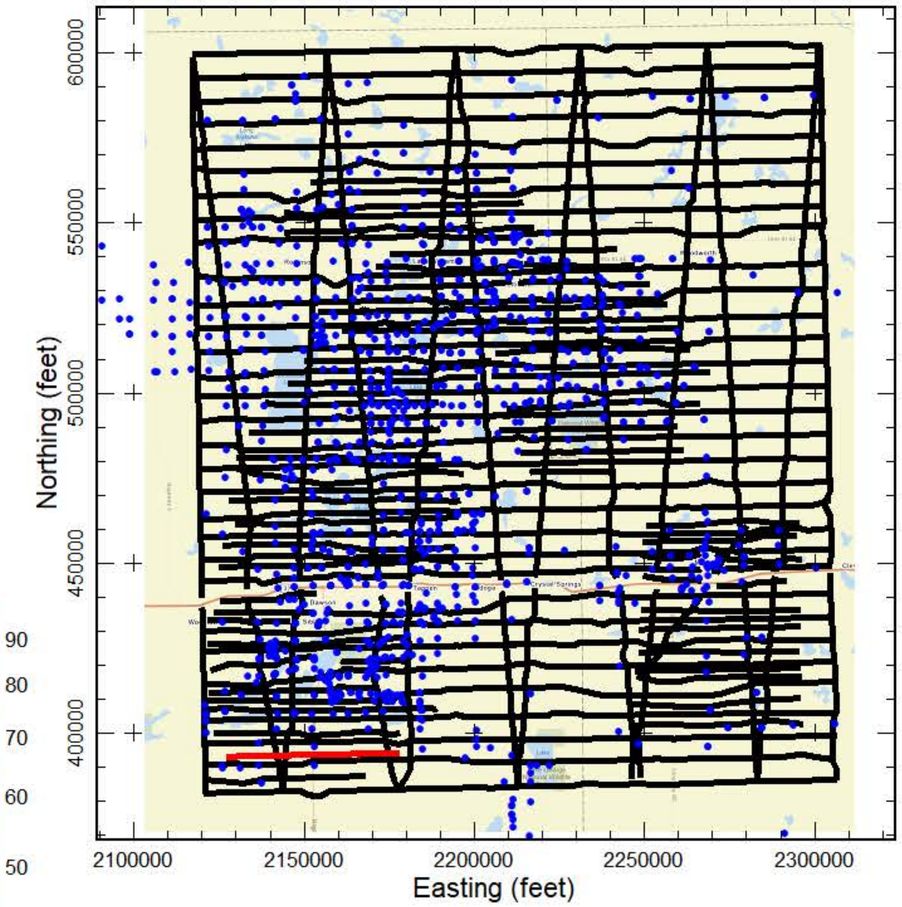
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

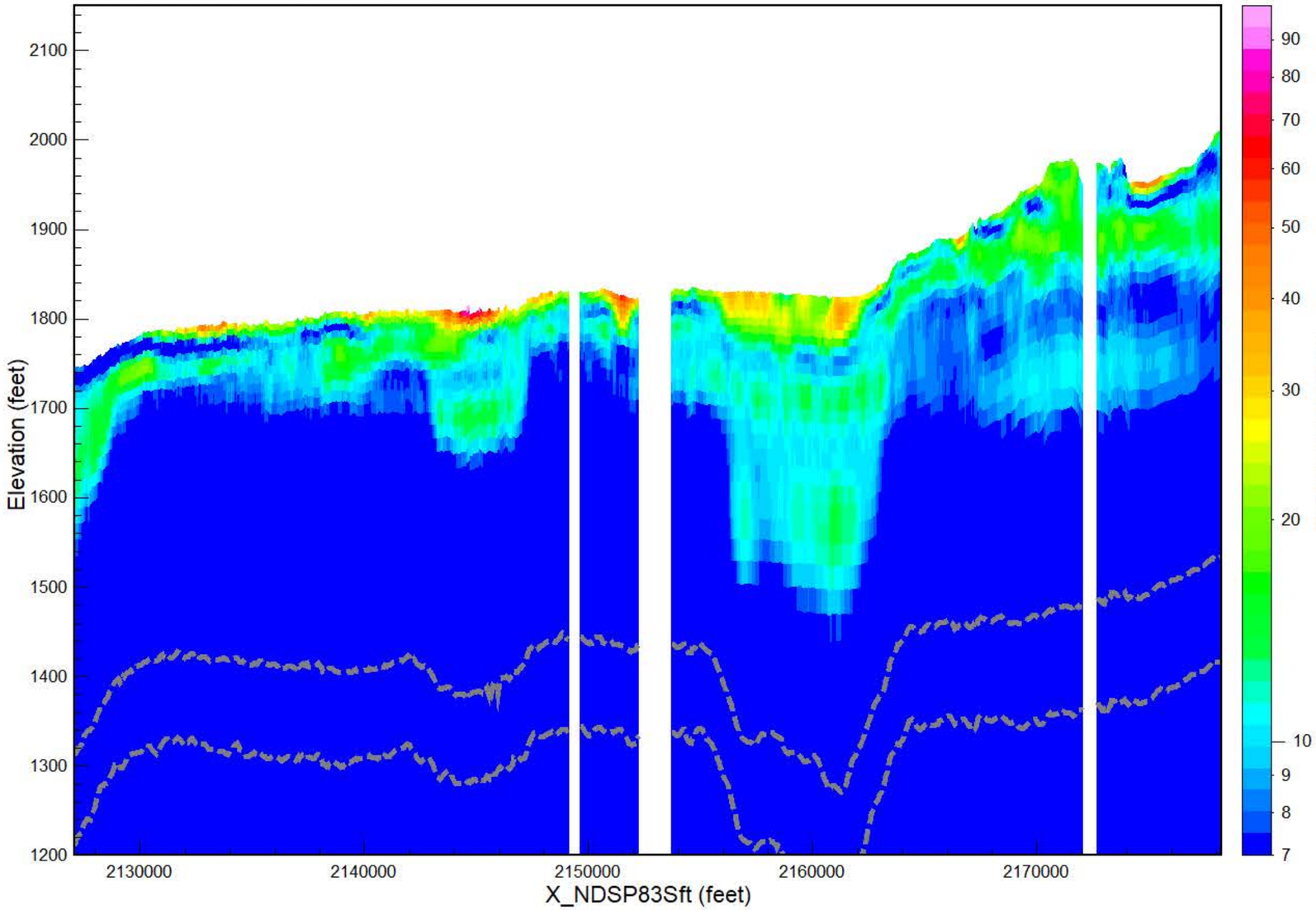
Flight Location Line L502501



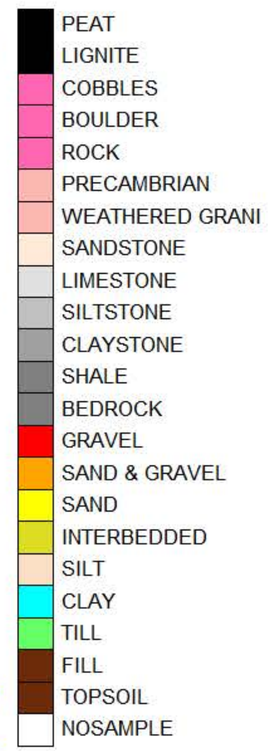
AEM Survey Area 1



Final SCI Resistivity Line L502501

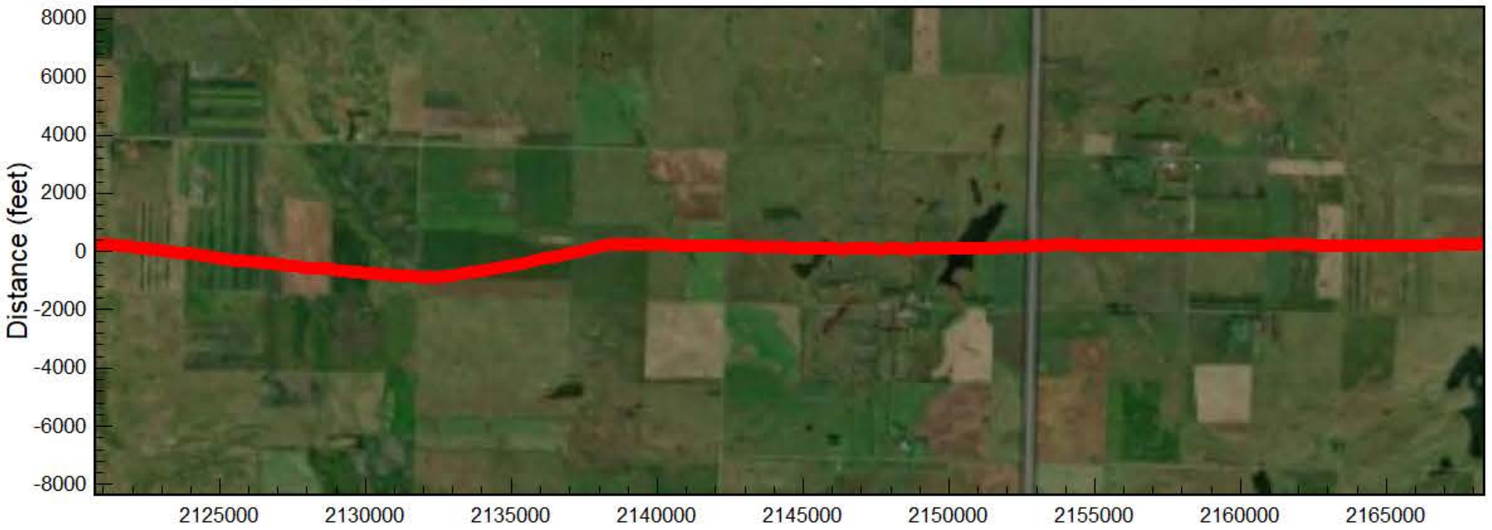


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

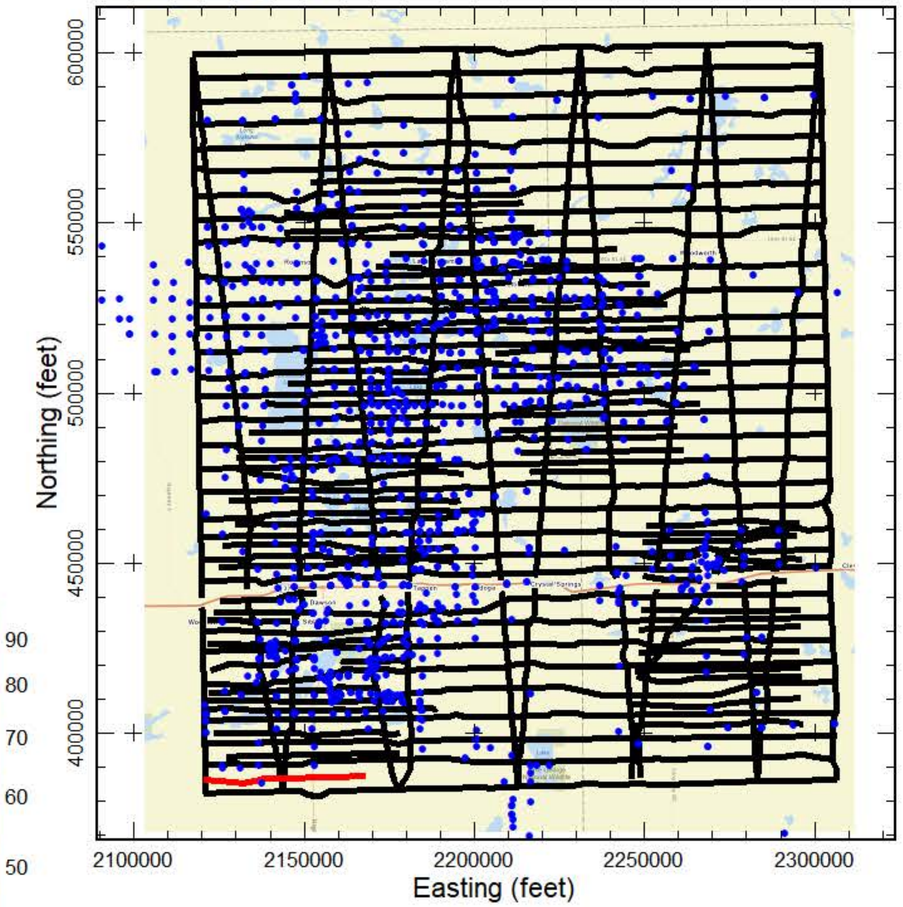


AGF
Aqua Geo Frameworks

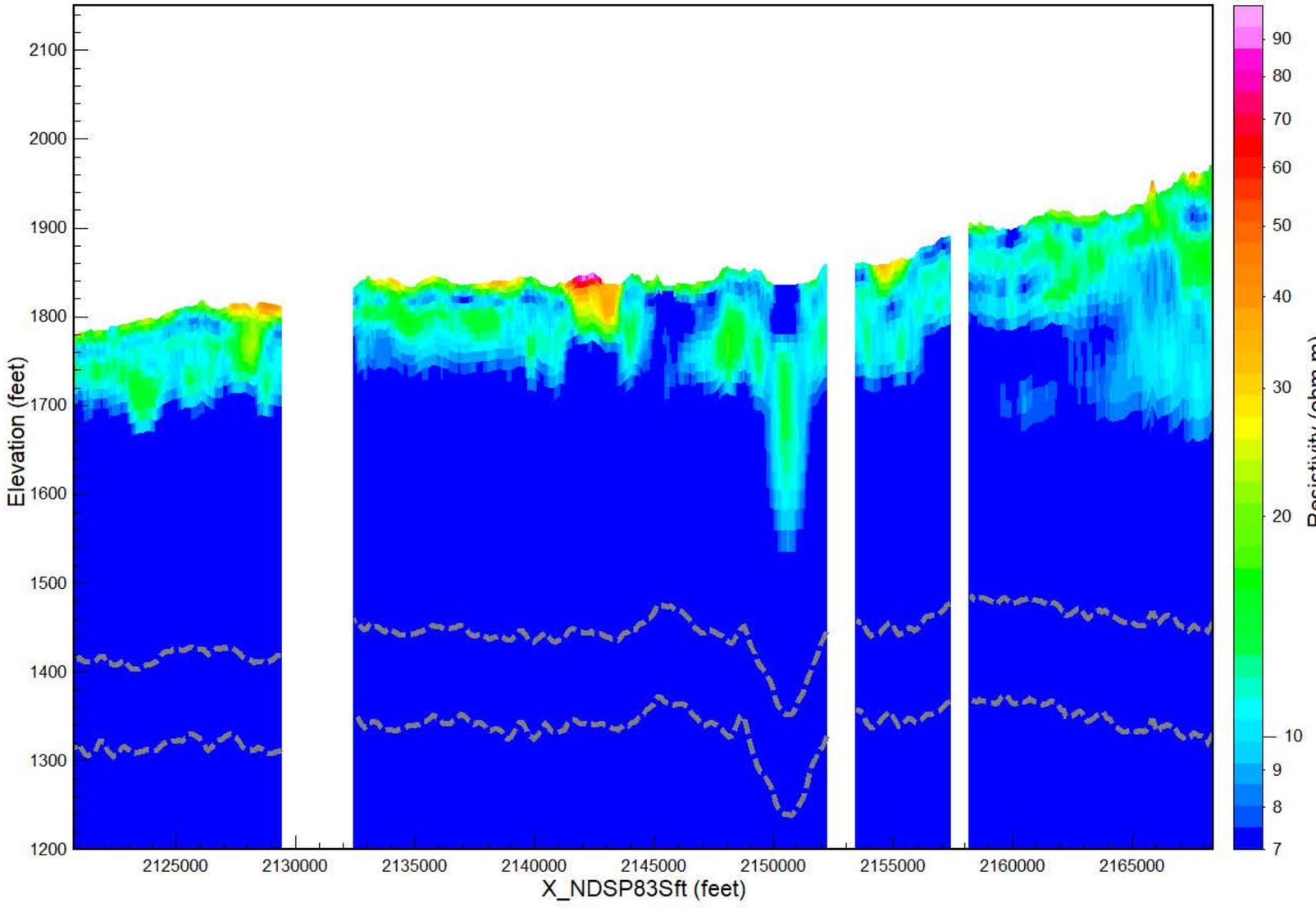
Flight Location Line L502611



AEM Survey Area 1



Final SCI Resistivity Line L502611



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

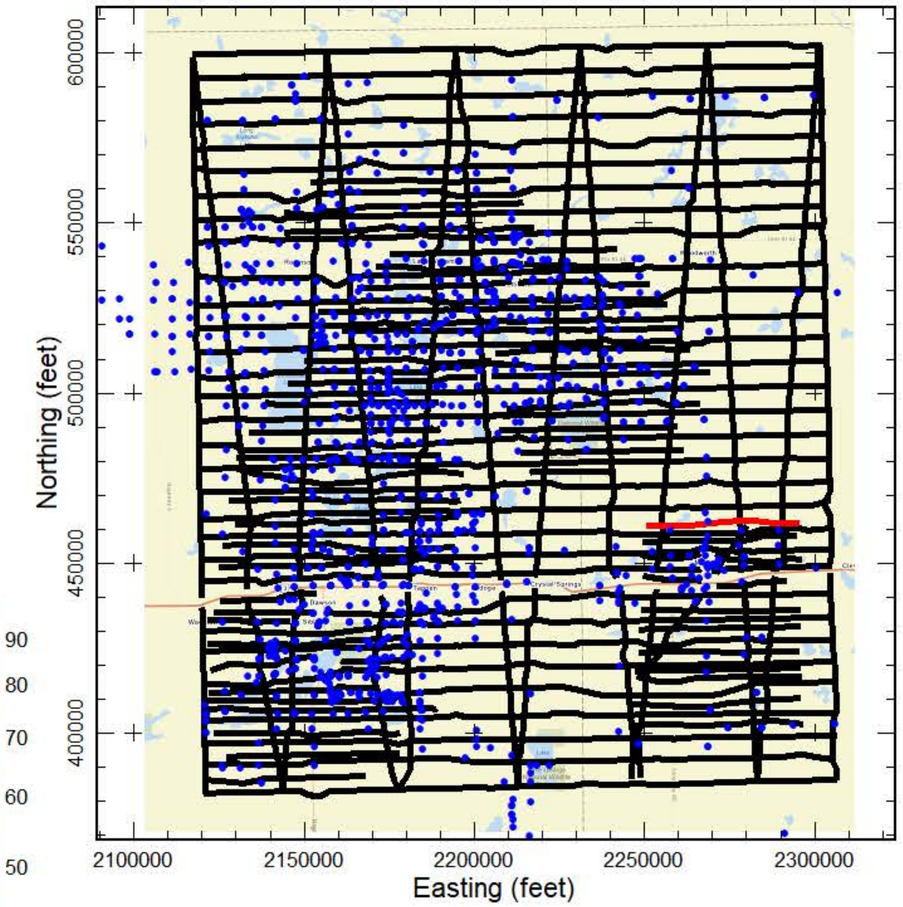
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

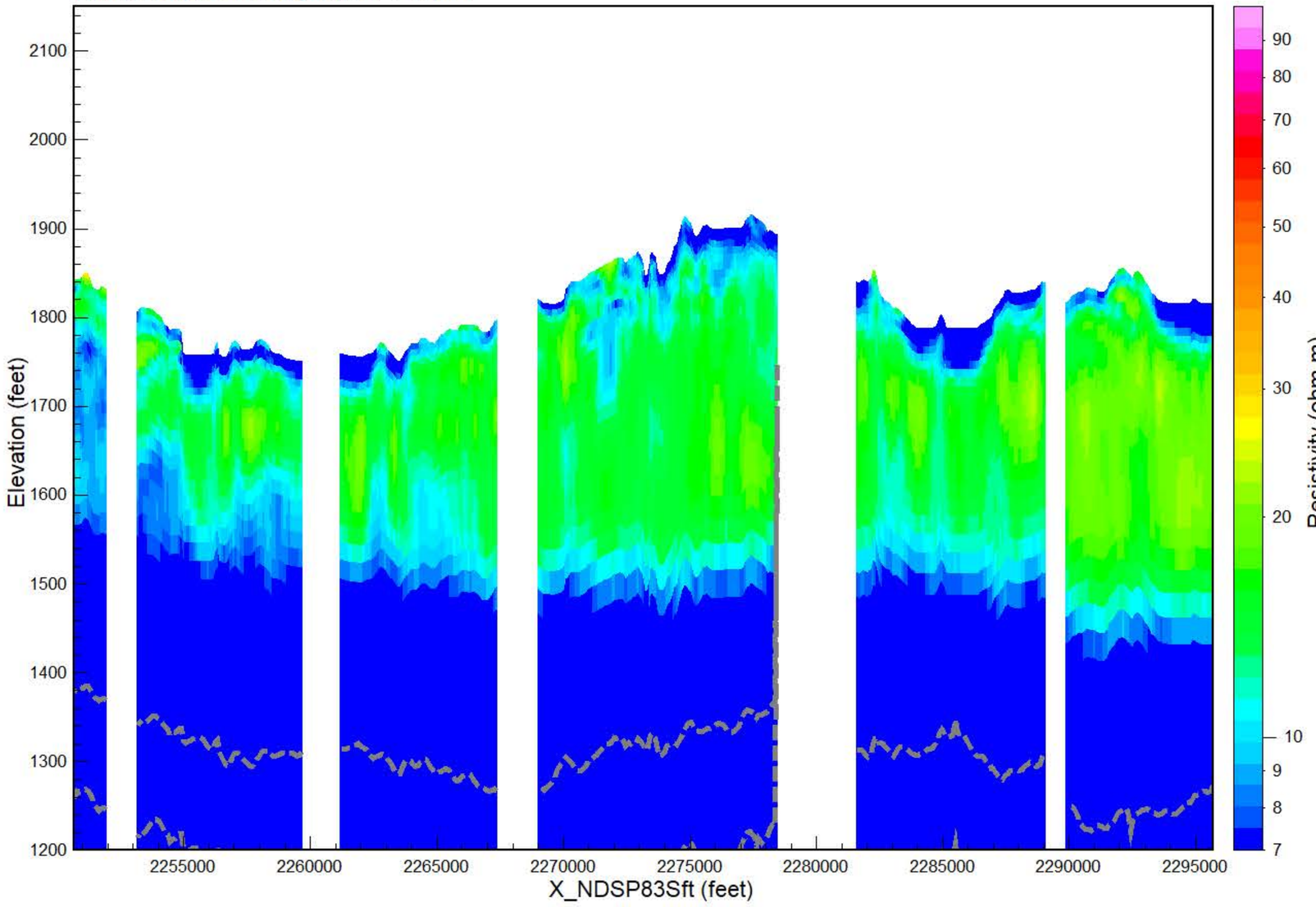
Flight Location Line L502701



AEM Survey Area 1



Final SCI Resistivity Line L502701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

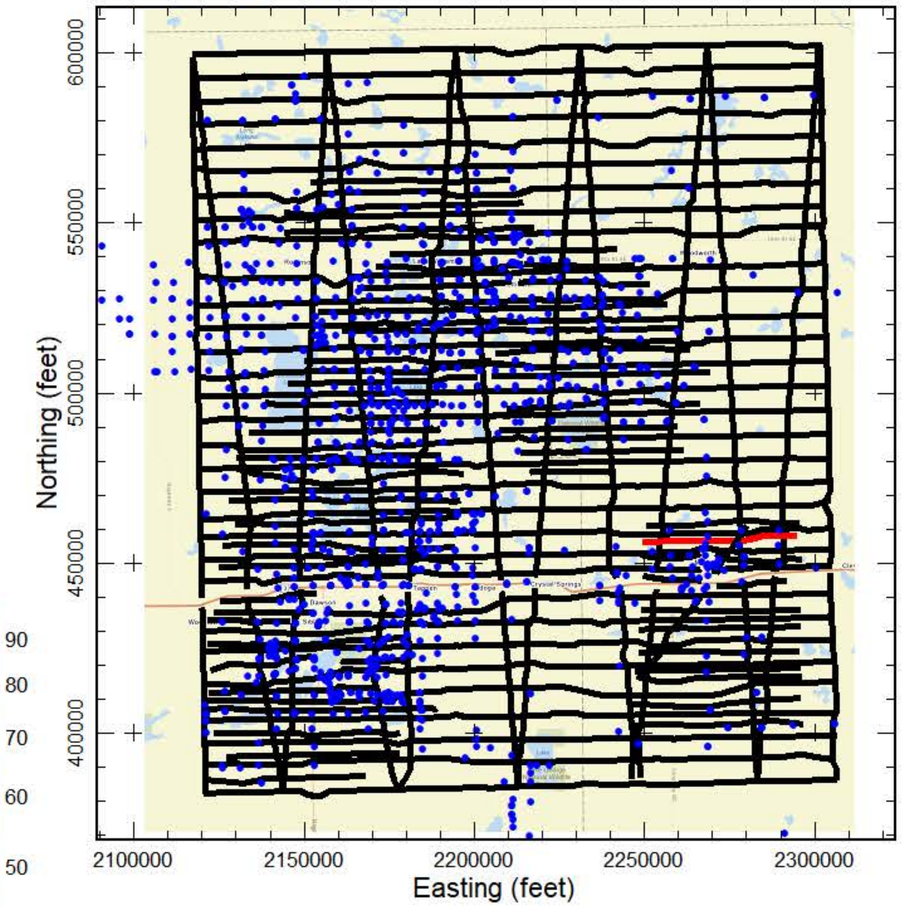
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

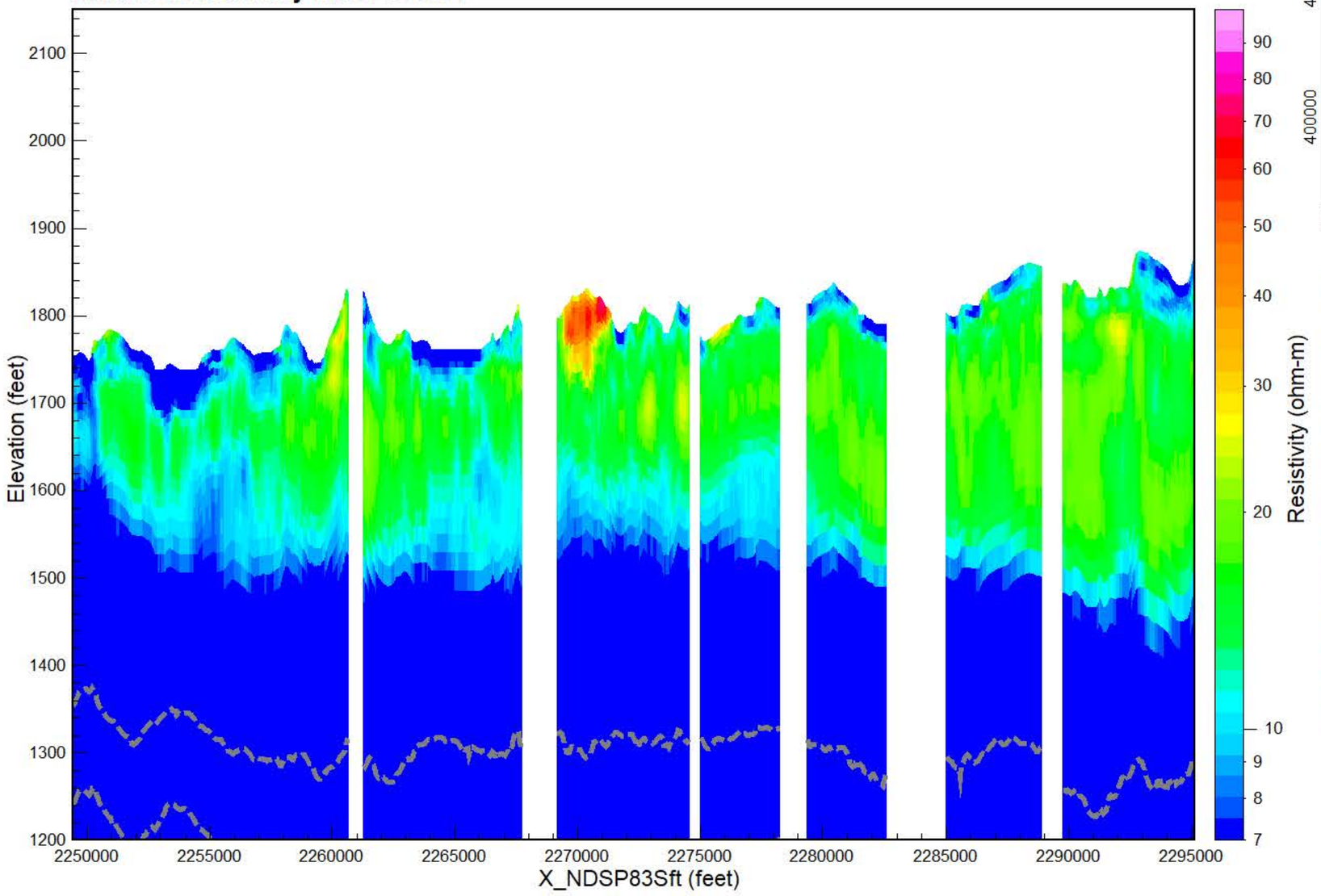
Flight Location Line L502801



AEM Survey Area 1



Final SCI Resistivity Line L502801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

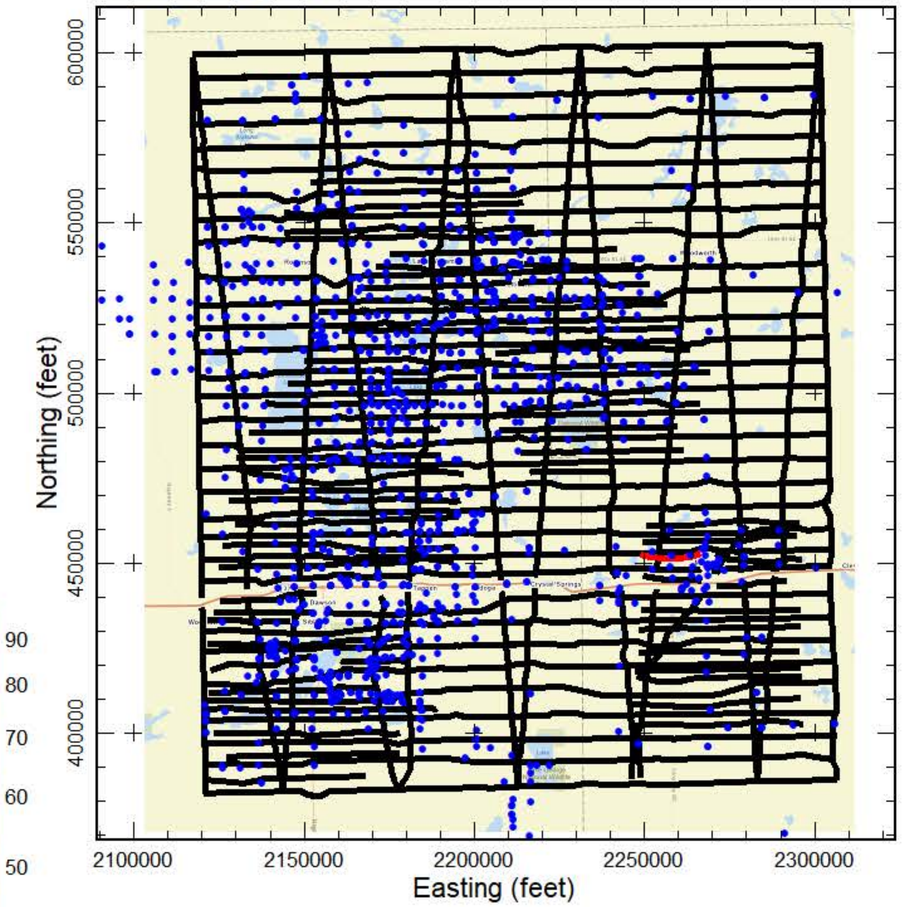
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

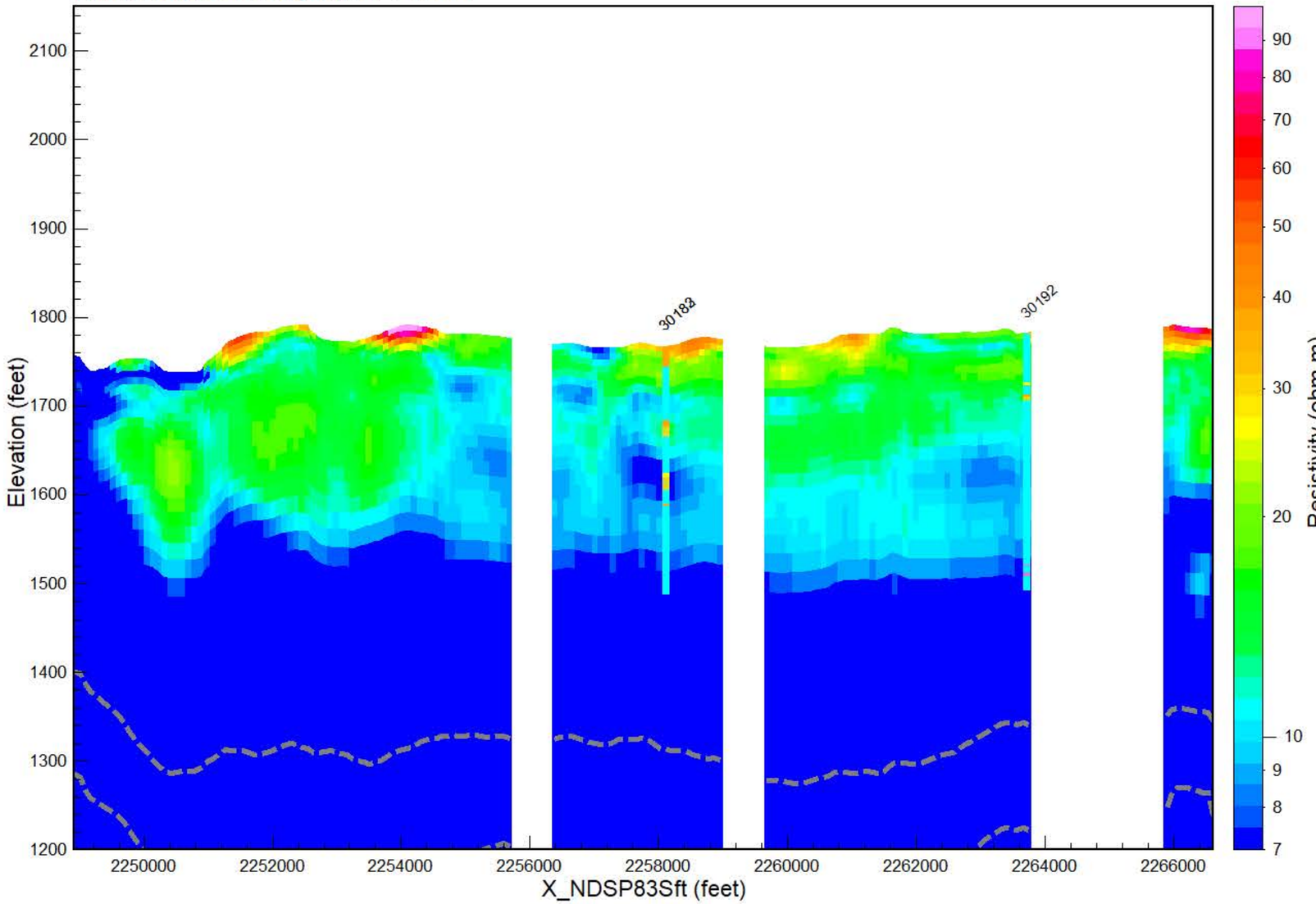
Flight Location Line L502901



AEM Survey Area 1



Final SCI Resistivity Line L502901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

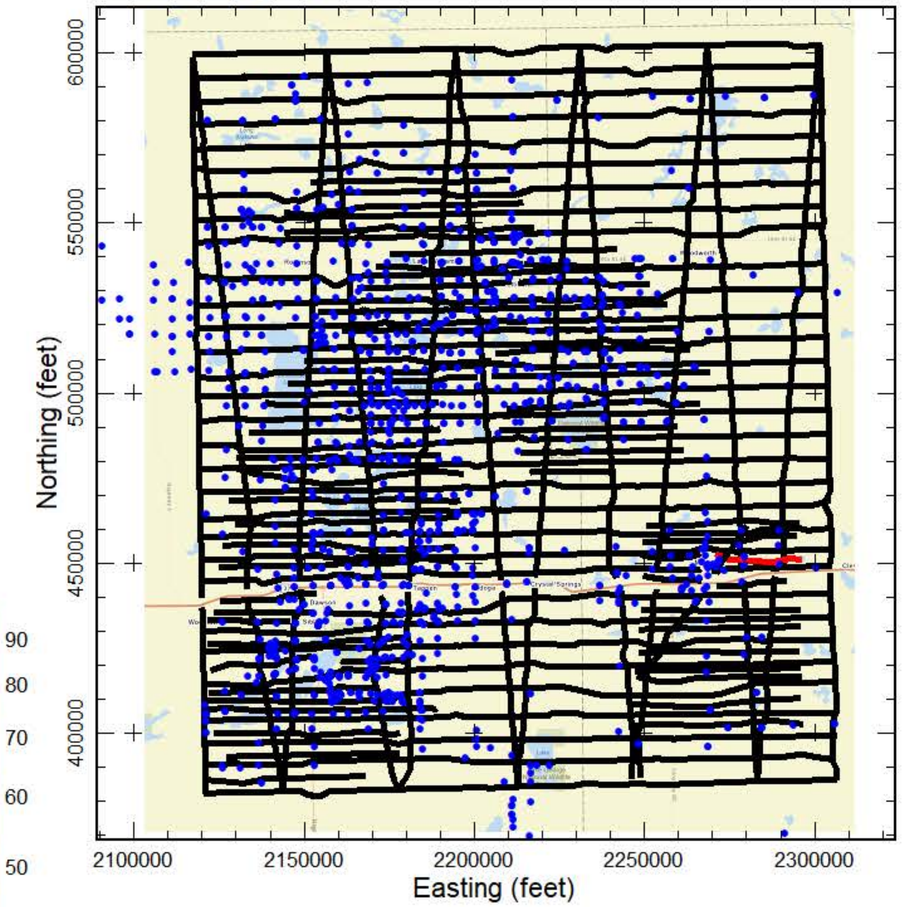
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

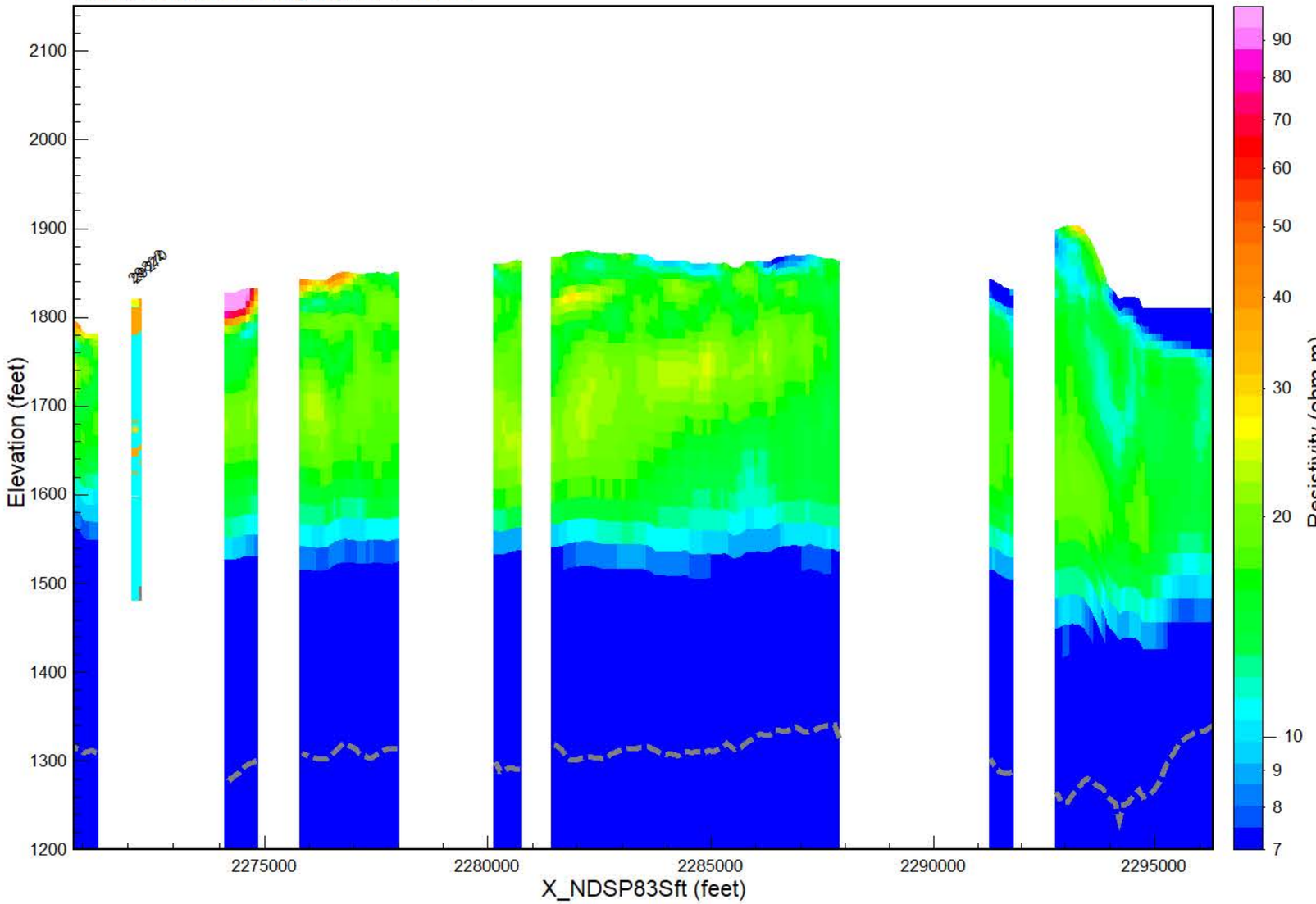
Flight Location Line L503001



AEM Survey Area 1



Final SCI Resistivity Line L503001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

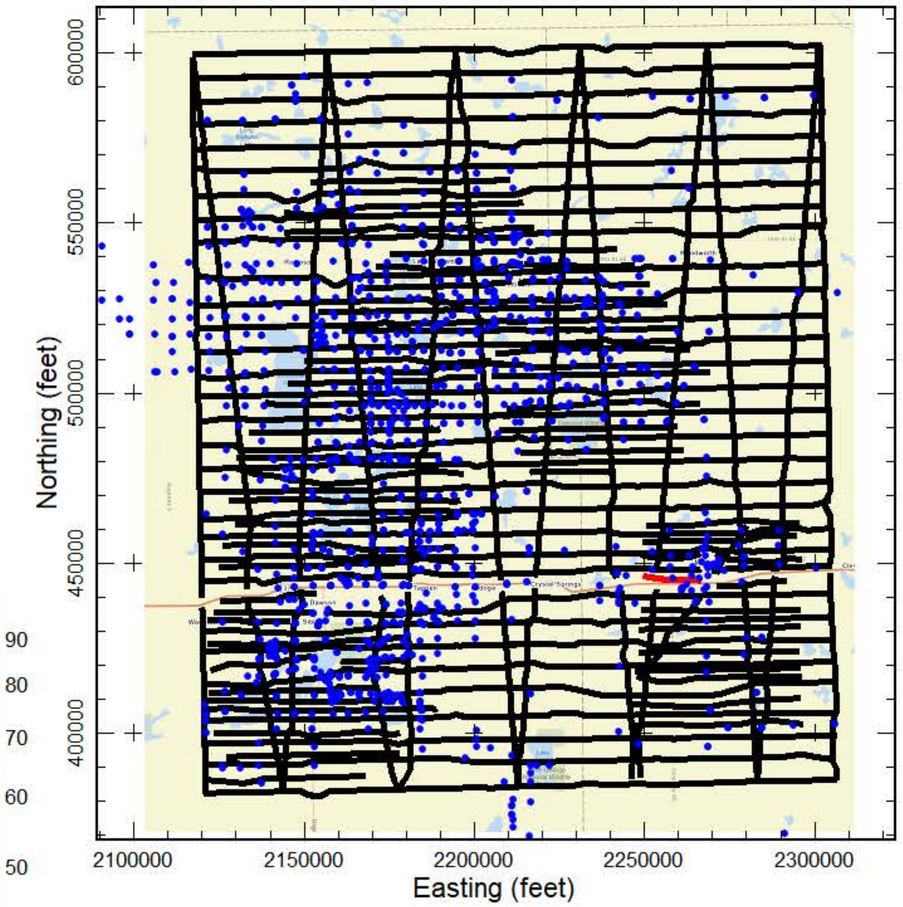
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

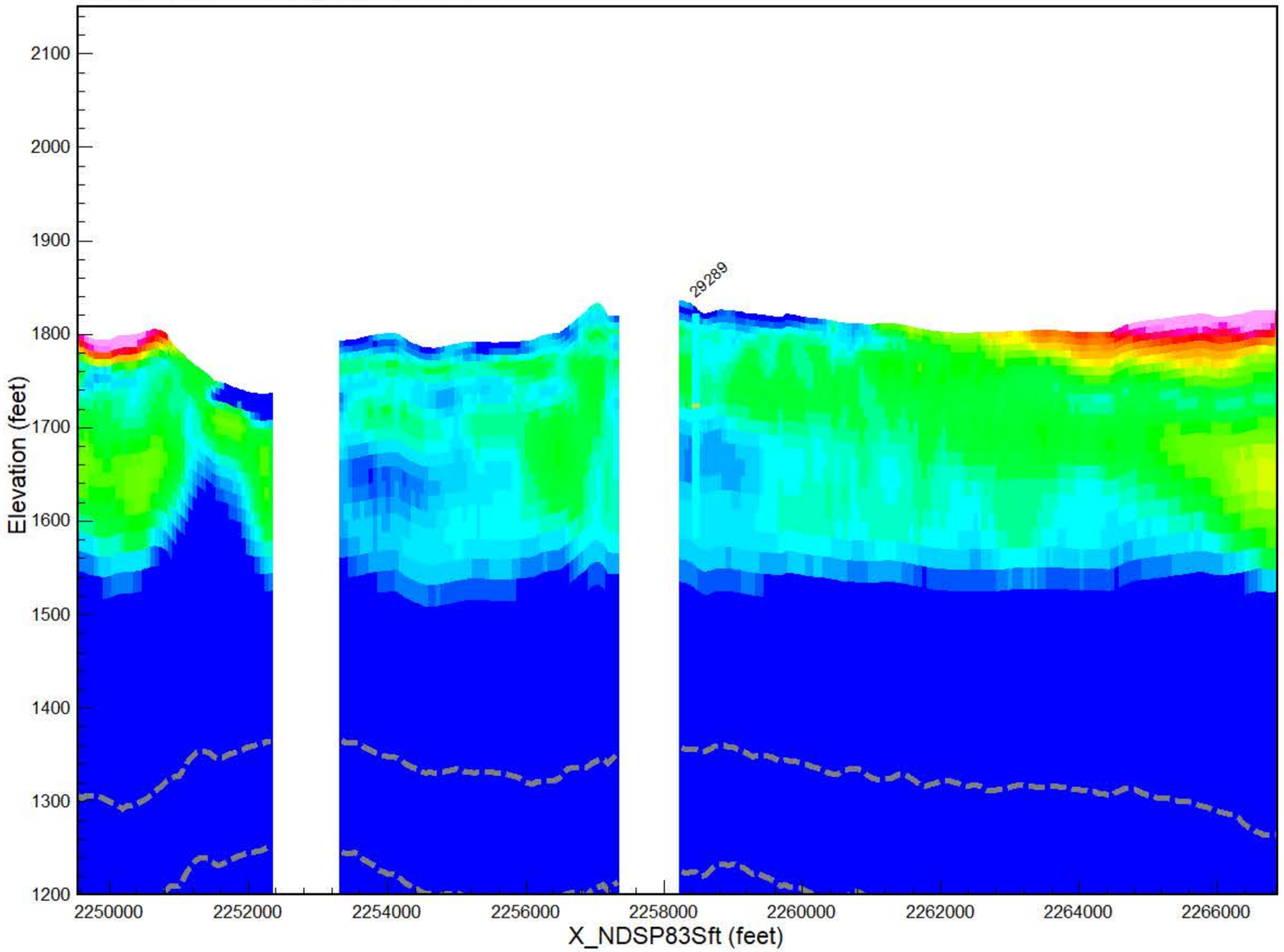
Flight Location Line L503101

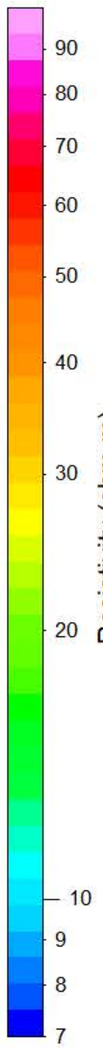


AEM Survey Area 1



Final SCI Resistivity Line L503101





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

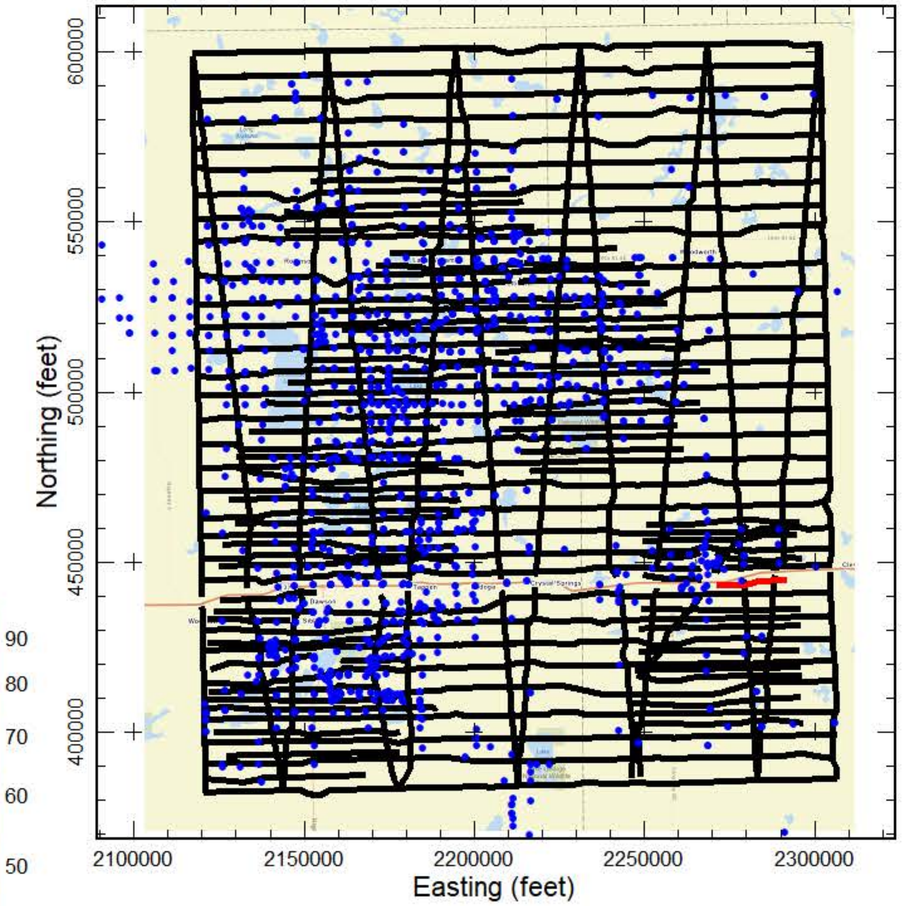
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

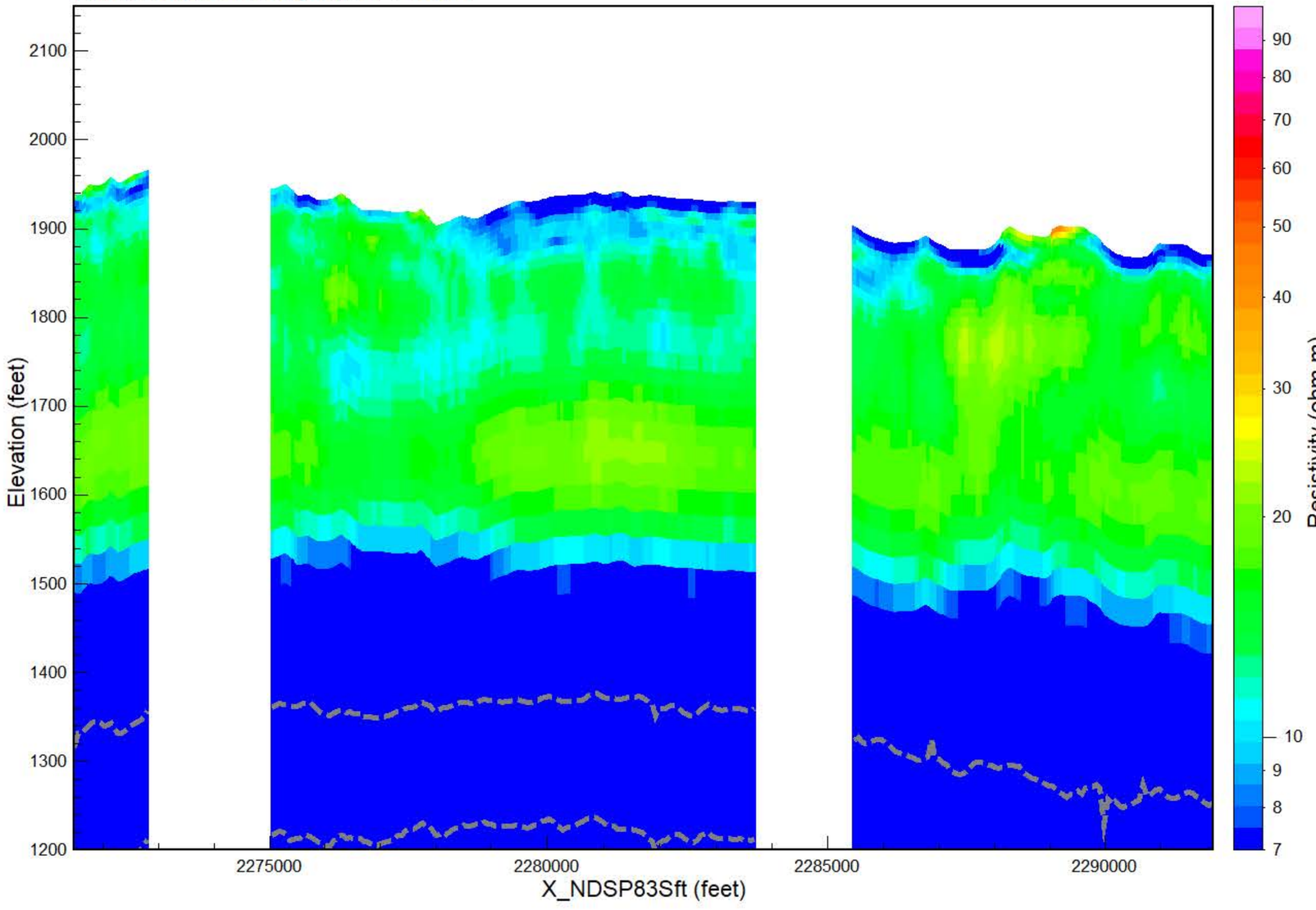
Flight Location Line L503201



AEM Survey Area 1



Final SCI Resistivity Line L503201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

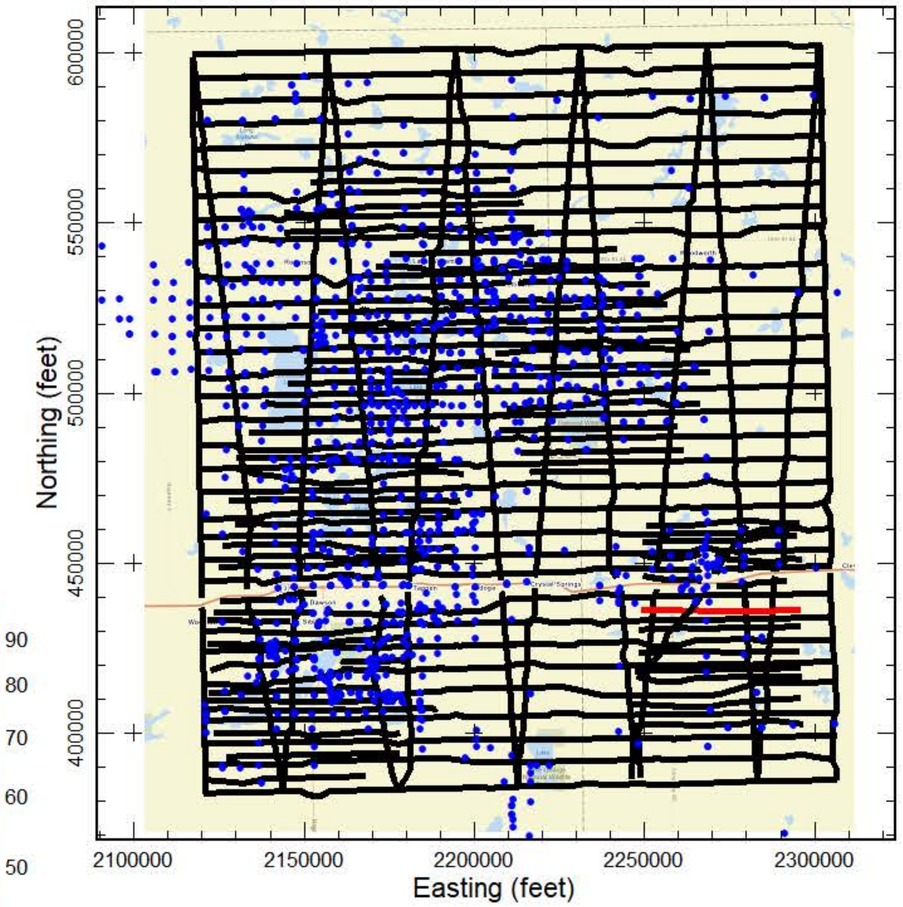
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

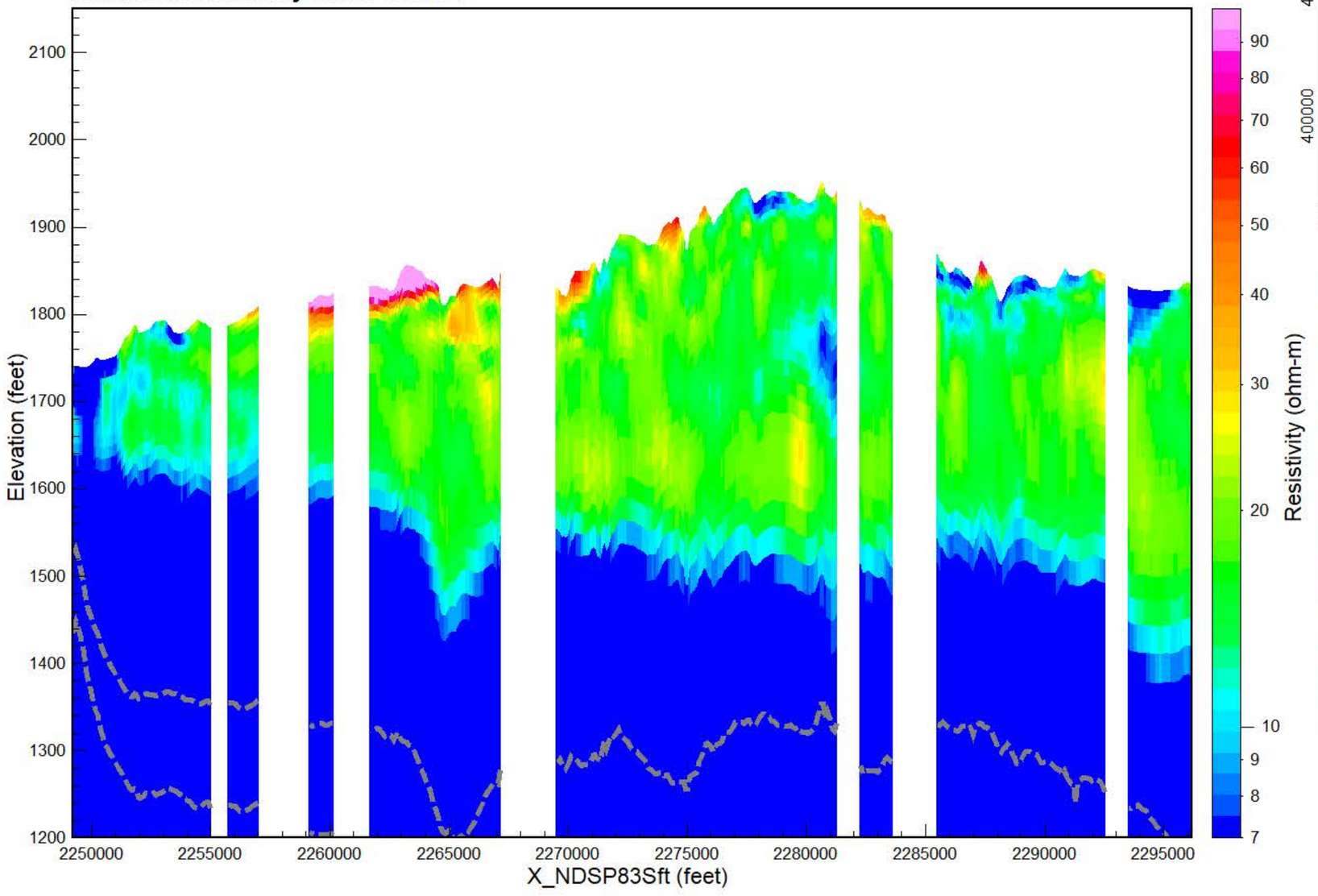
Flight Location Line L503301



AEM Survey Area 1



Final SCI Resistivity Line L503301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

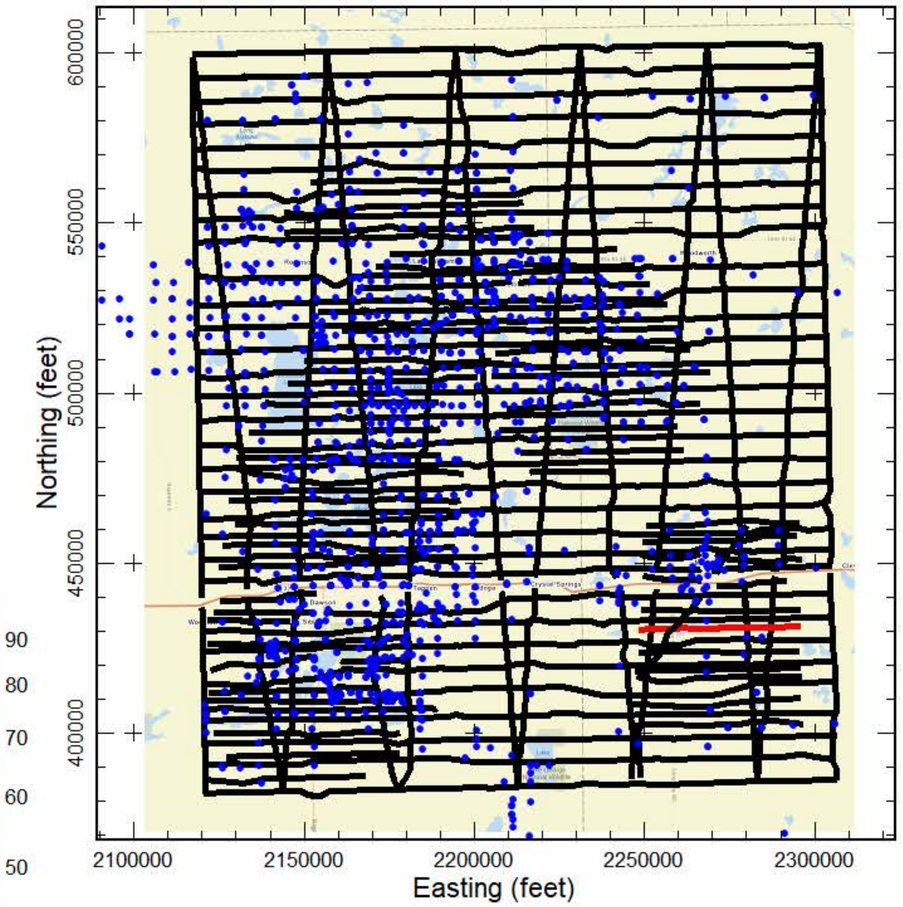
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

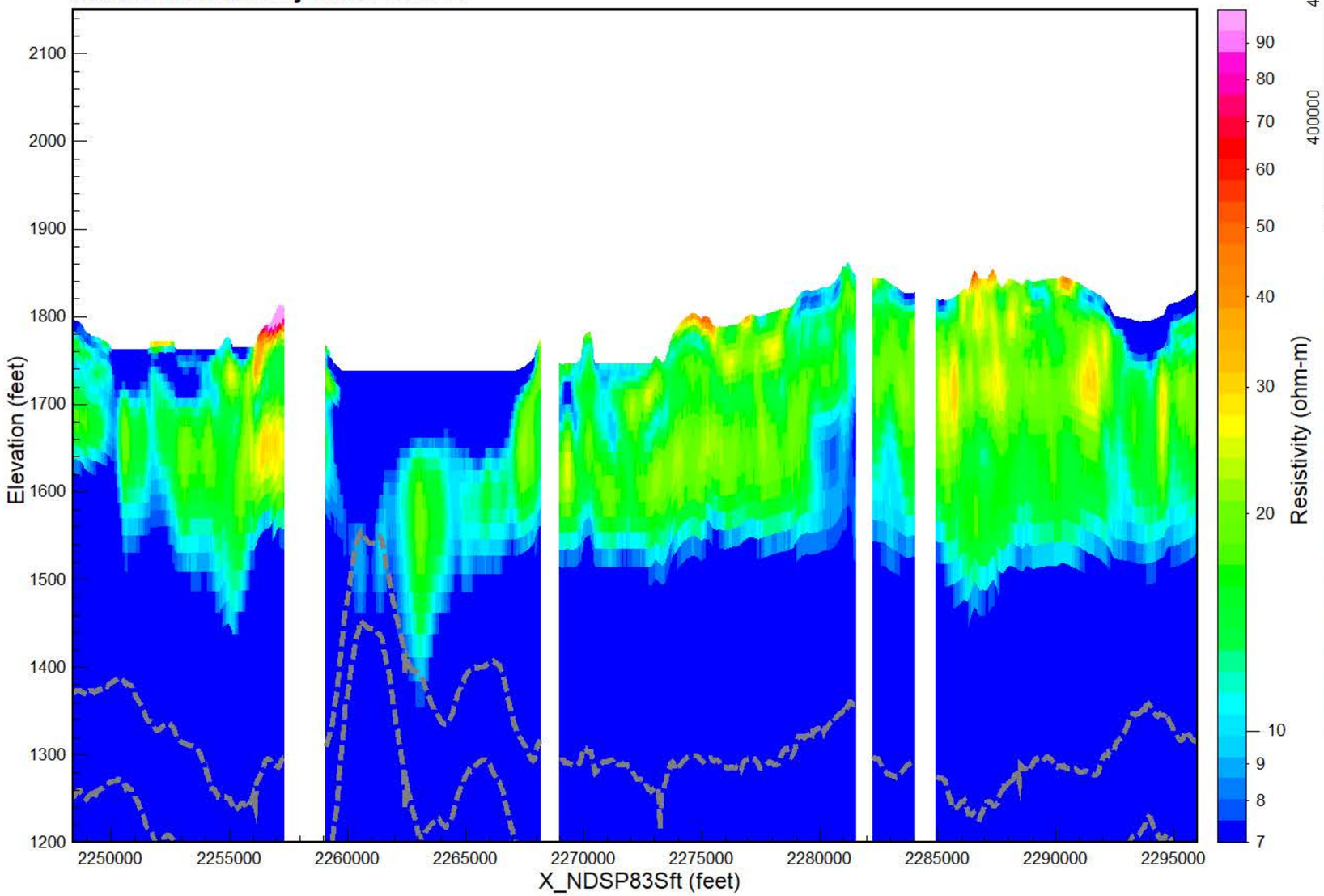
Flight Location Line L503401



AEM Survey Area 1



Final SCI Resistivity Line L503401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

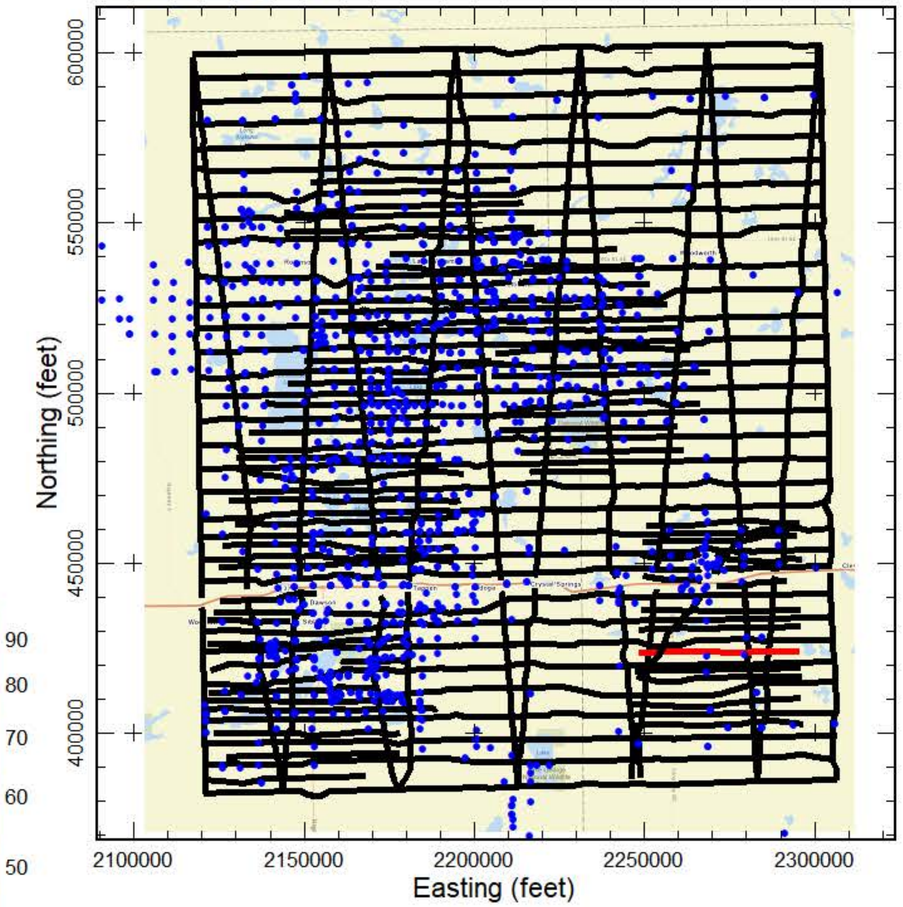
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

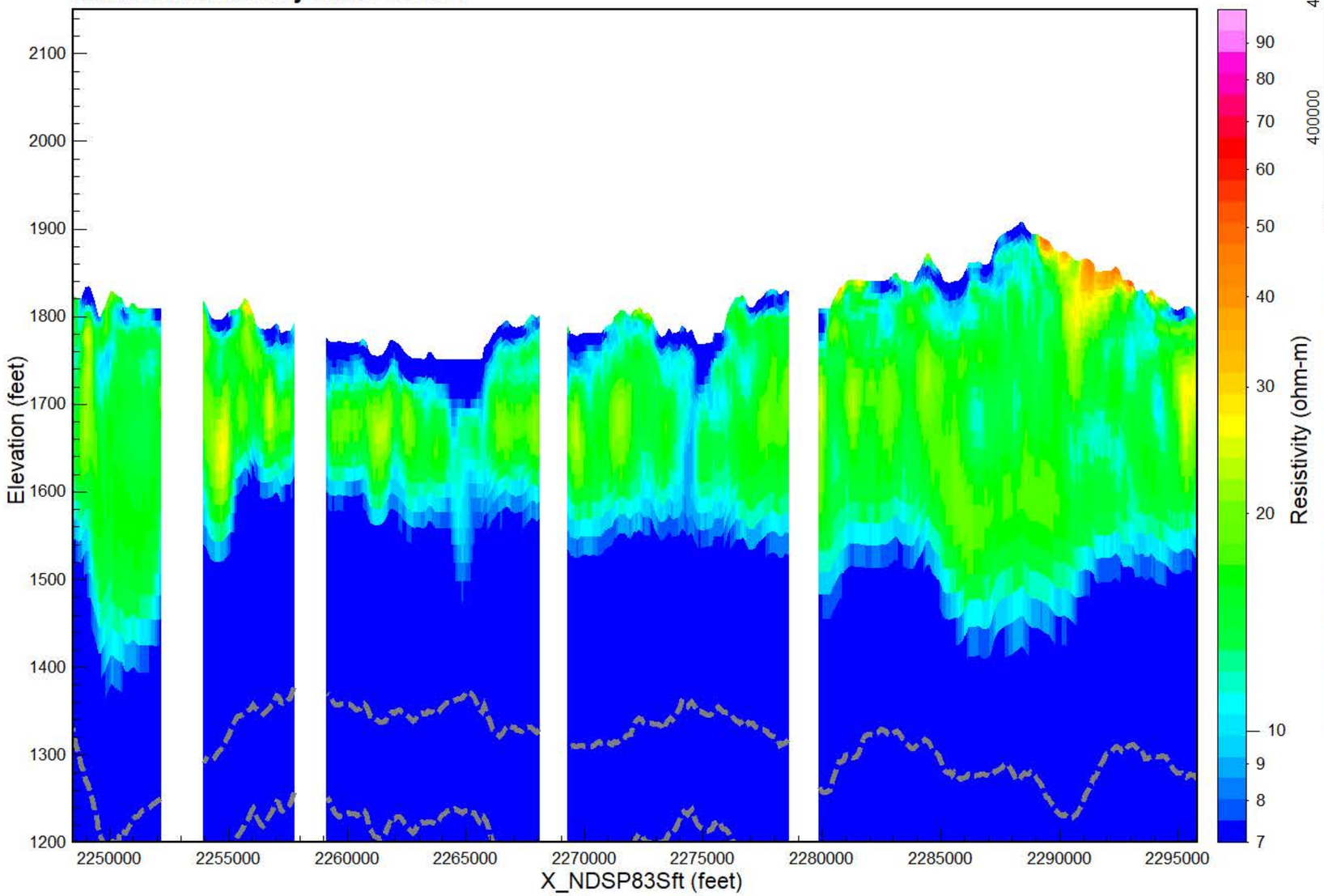
Flight Location Line L503501



AEM Survey Area 1



Final SCI Resistivity Line L503501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

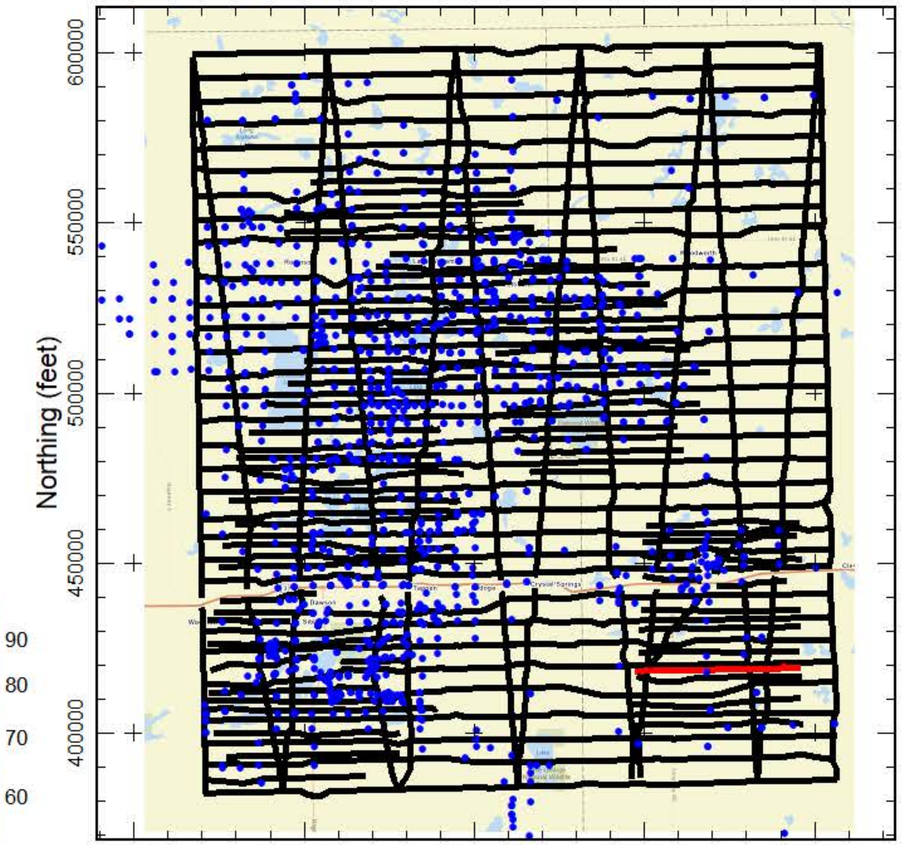
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

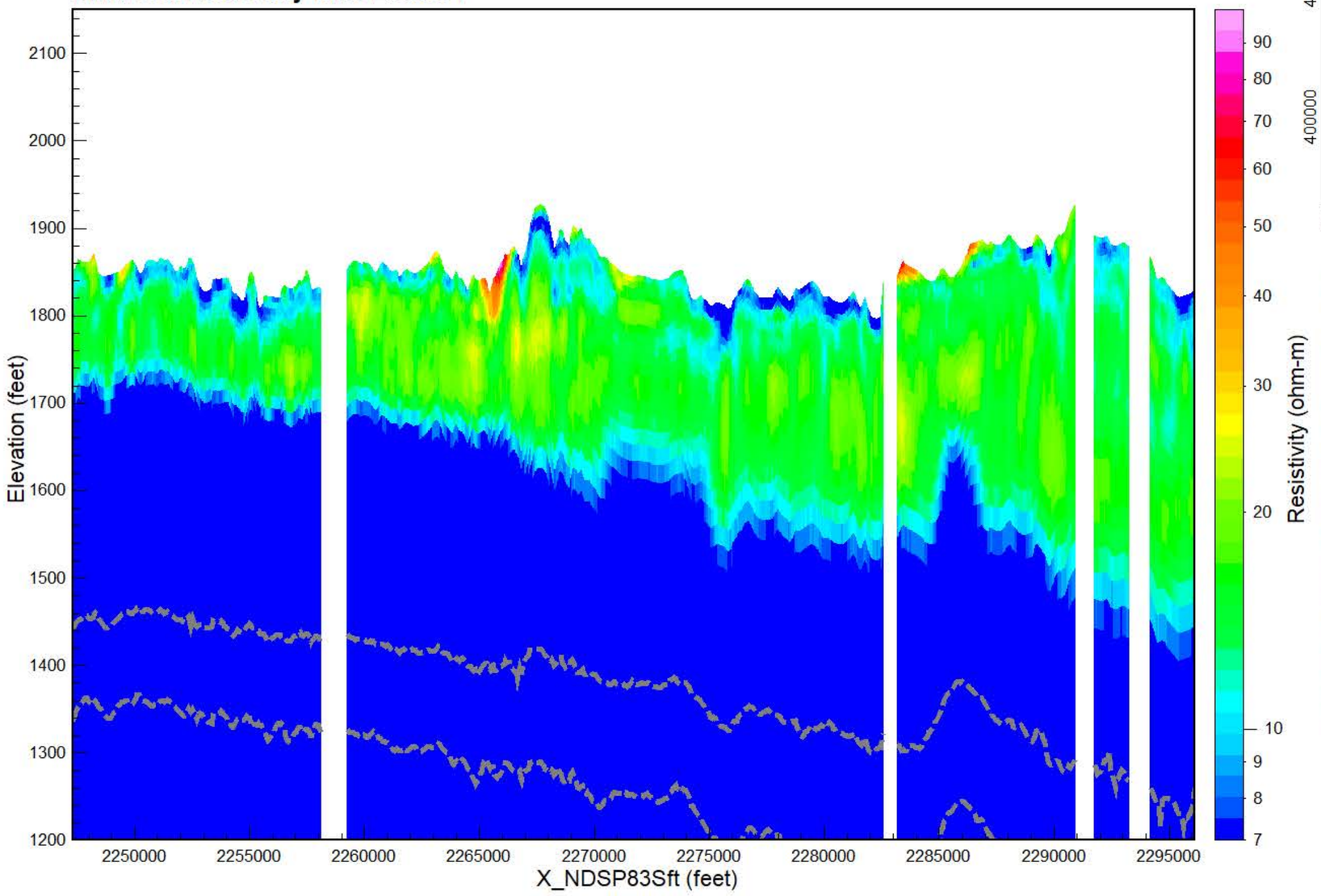
Flight Location Line L503601



AEM Survey Area 1



Final SCI Resistivity Line L503601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

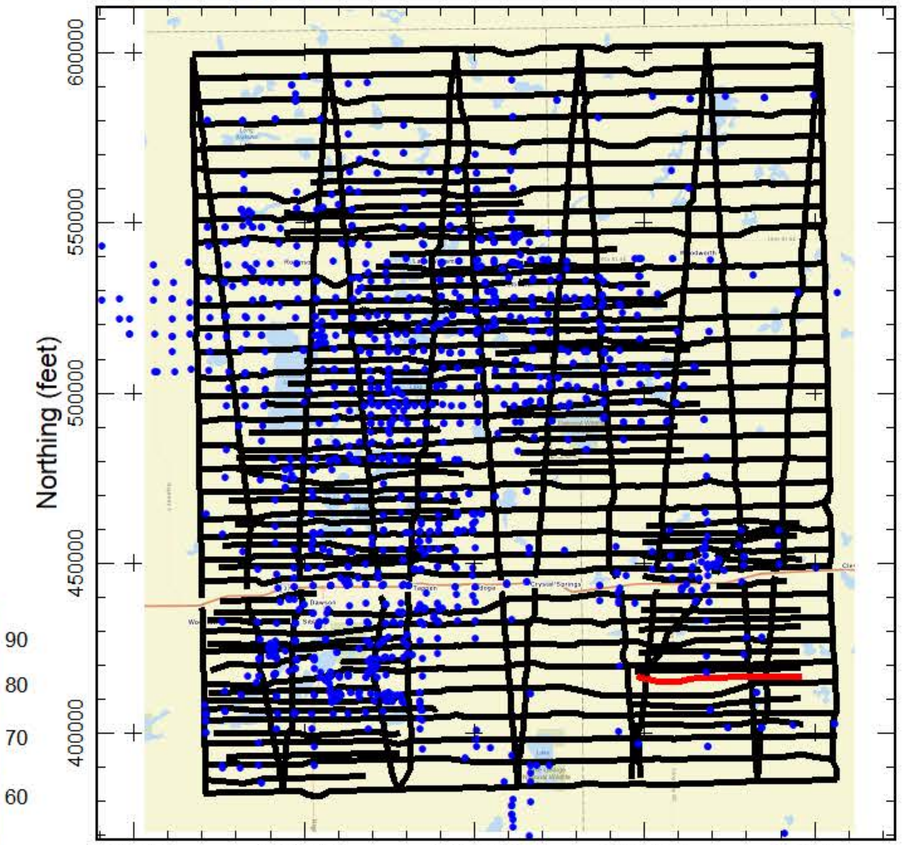
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

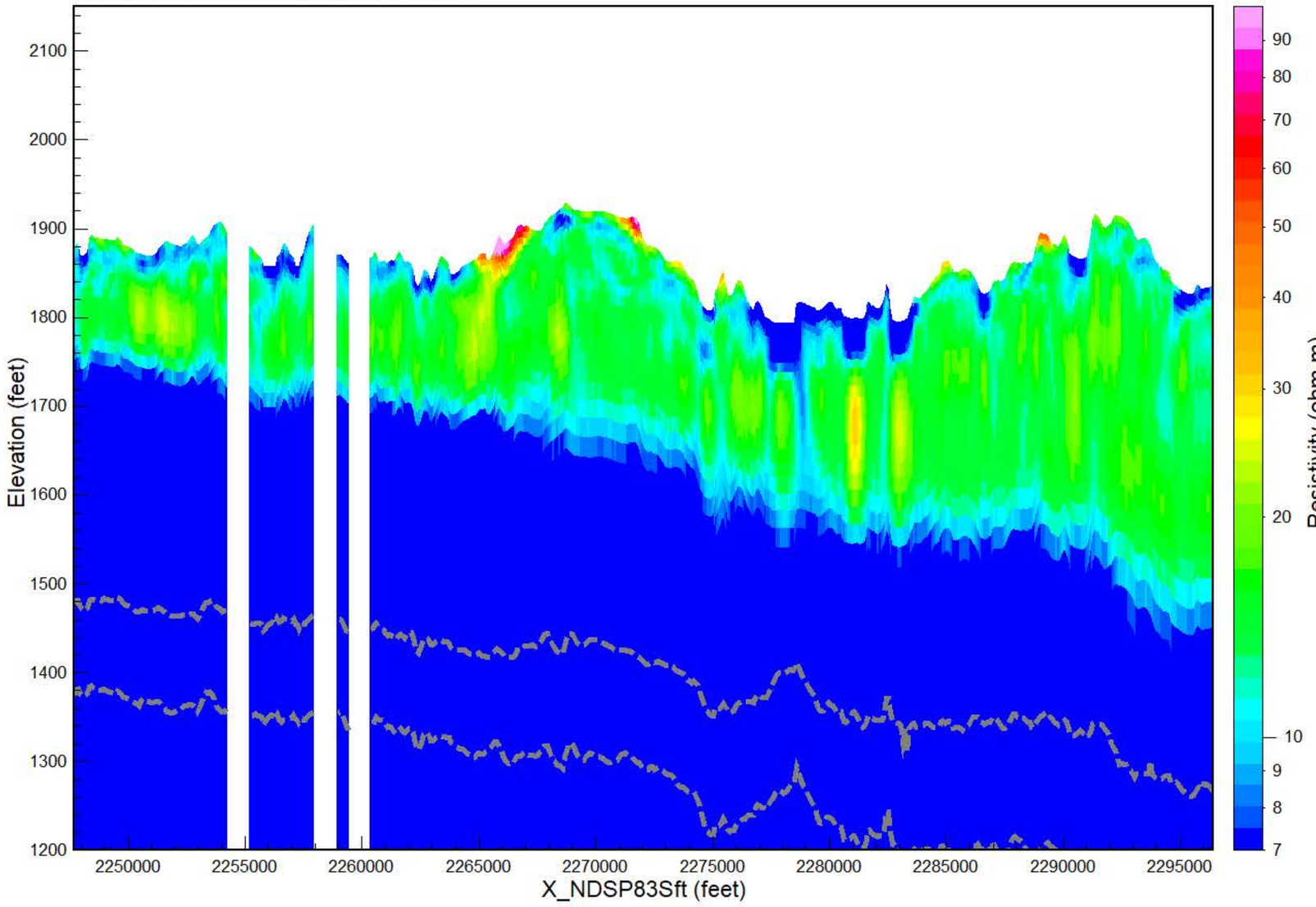
Flight Location Line L503701



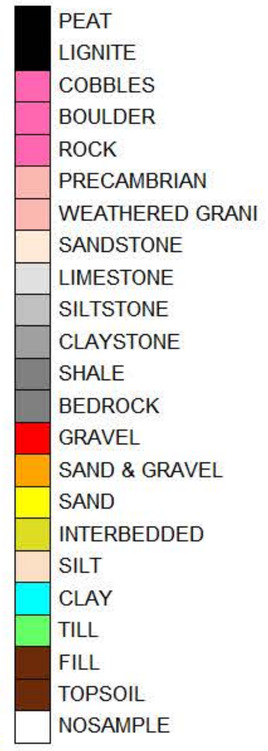
AEM Survey Area 1



Final SCI Resistivity Line L503701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

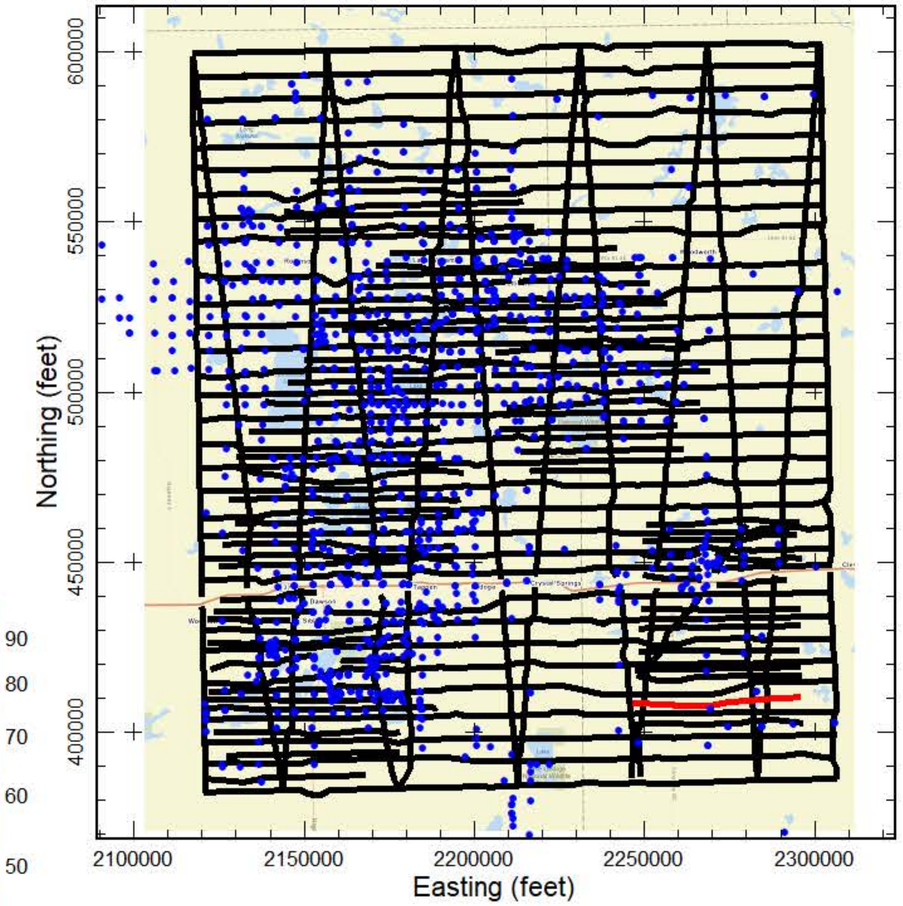


AGF
Aqua Geo Frameworks

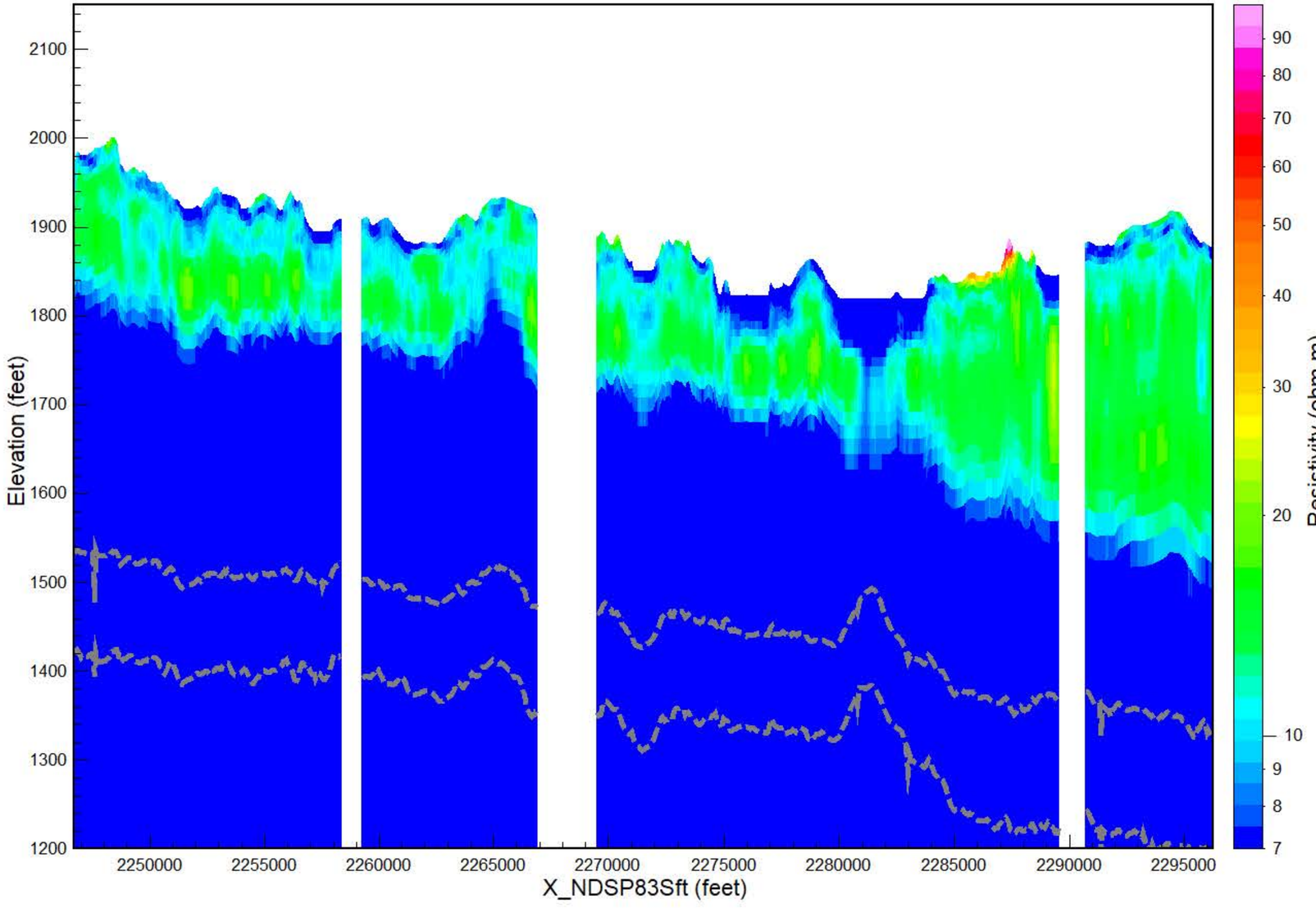
Flight Location Line L503801



AEM Survey Area 1



Final SCI Resistivity Line L503801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

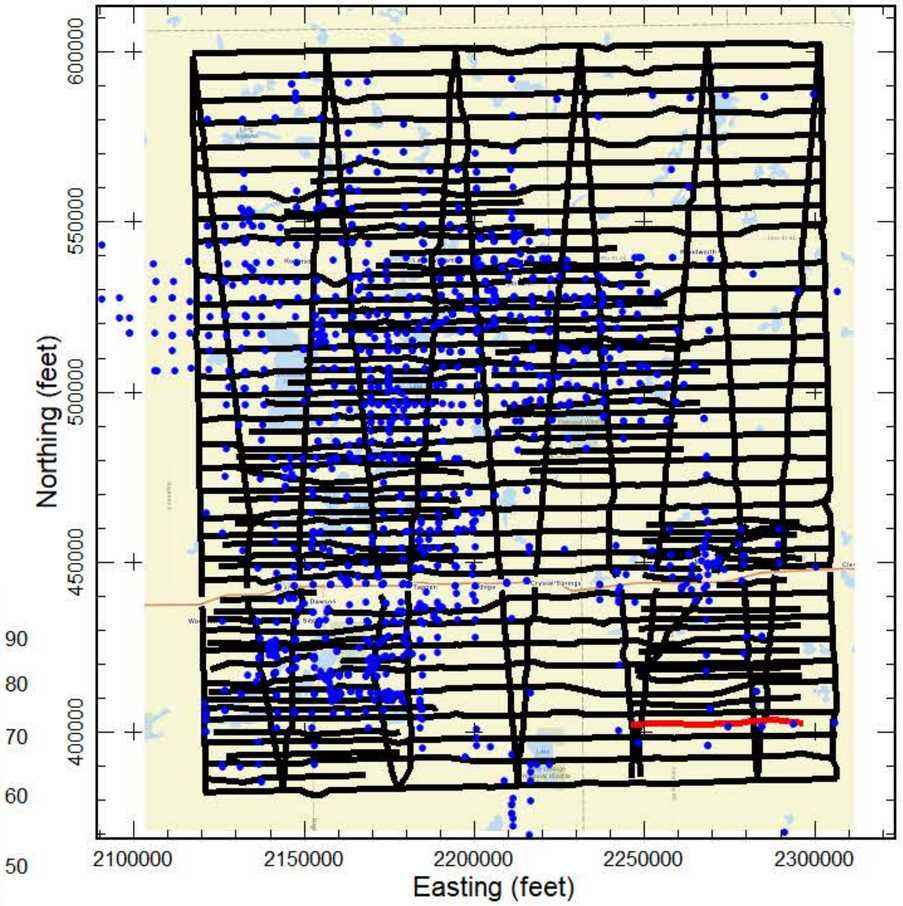
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

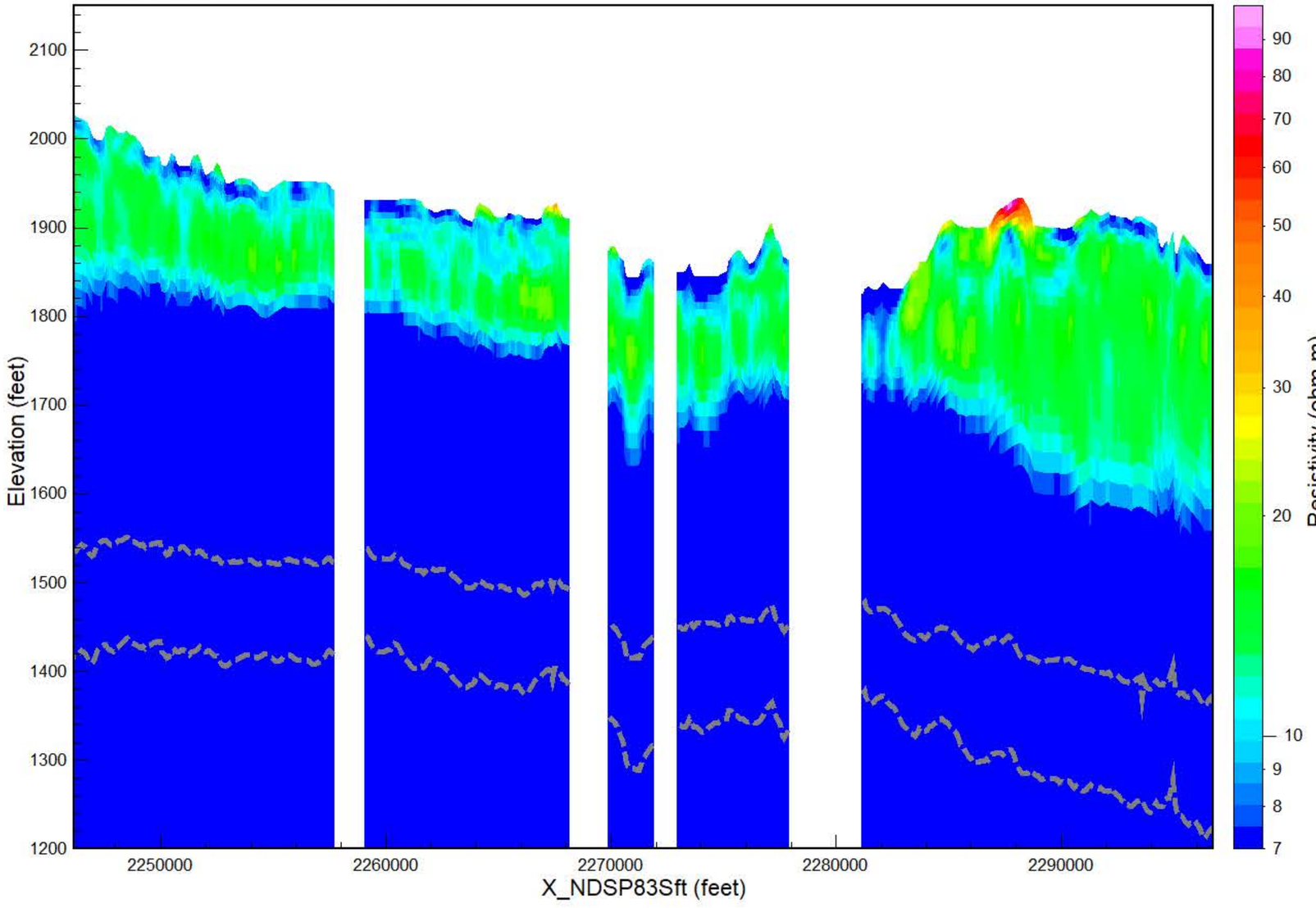
Flight Location Line L503901



AEM Survey Area 1



Final SCI Resistivity Line L503901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

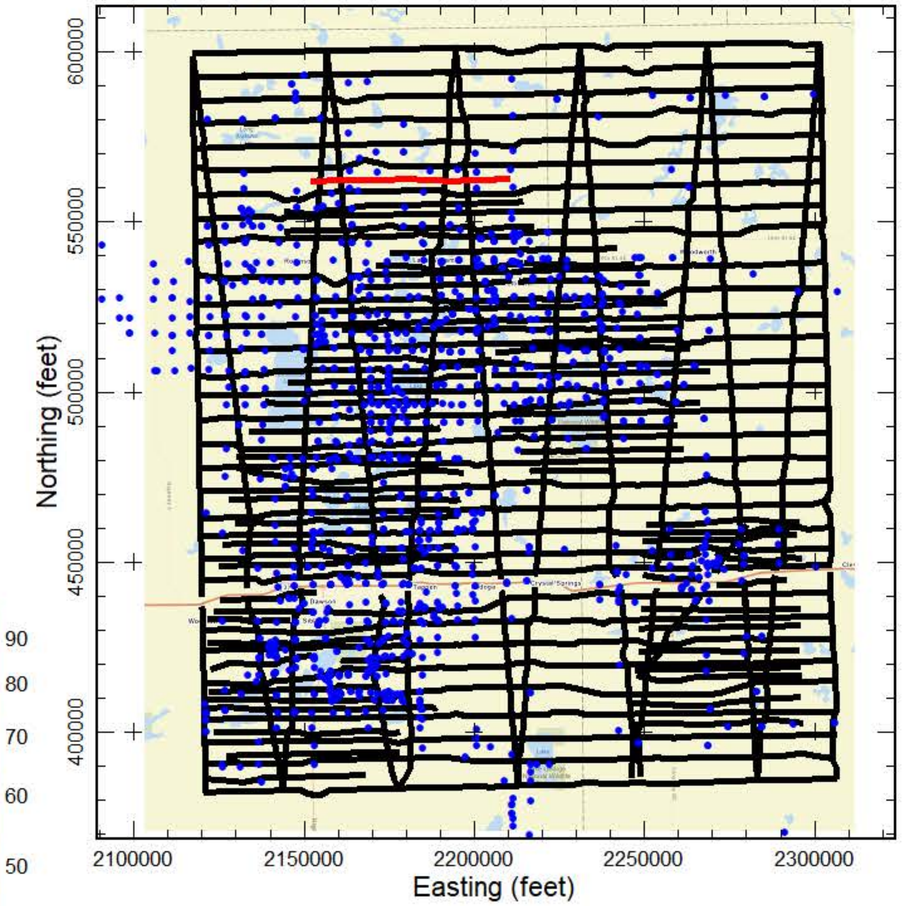
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

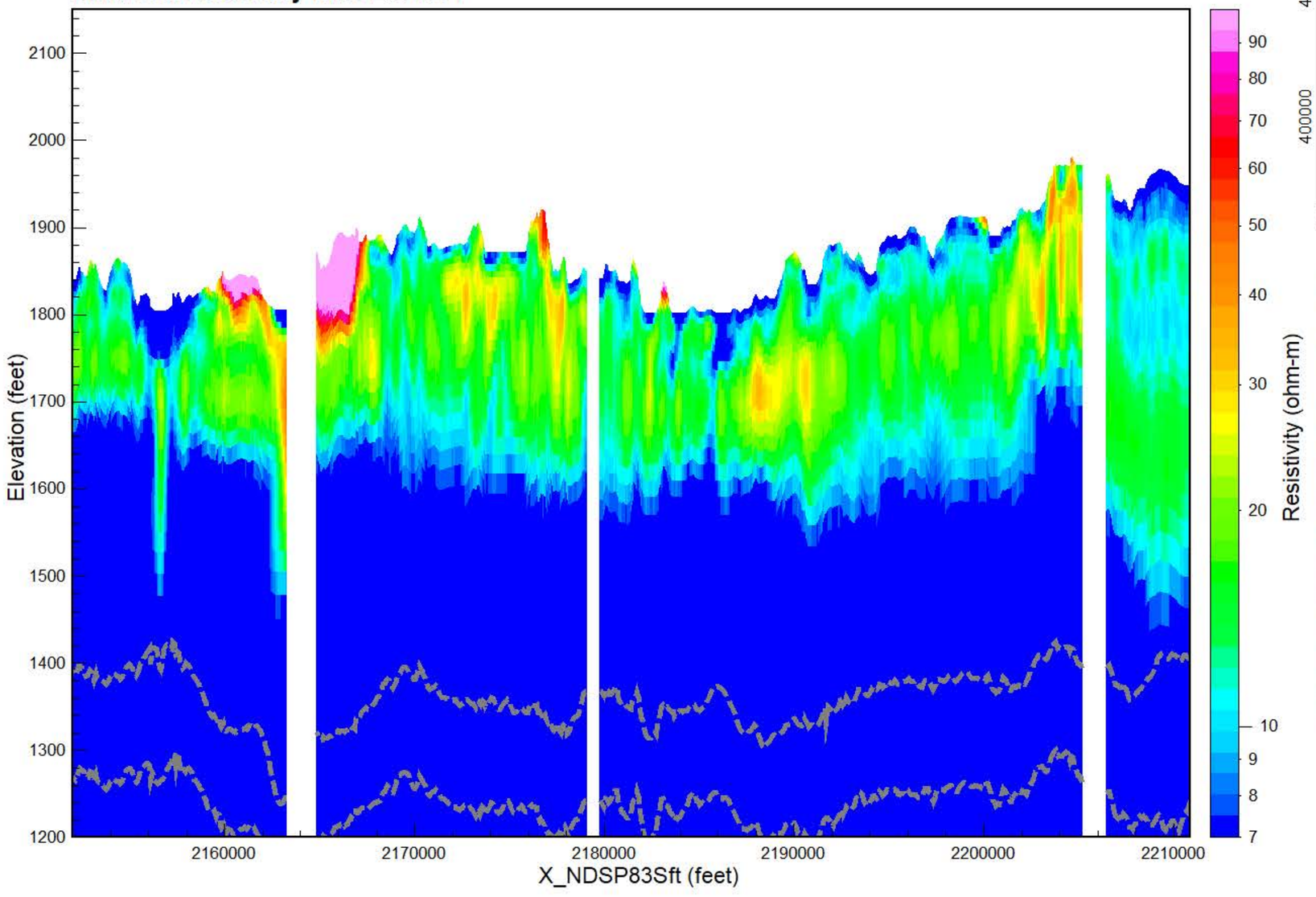
Flight Location Line L504001



AEM Survey Area 1



Final SCI Resistivity Line L504001

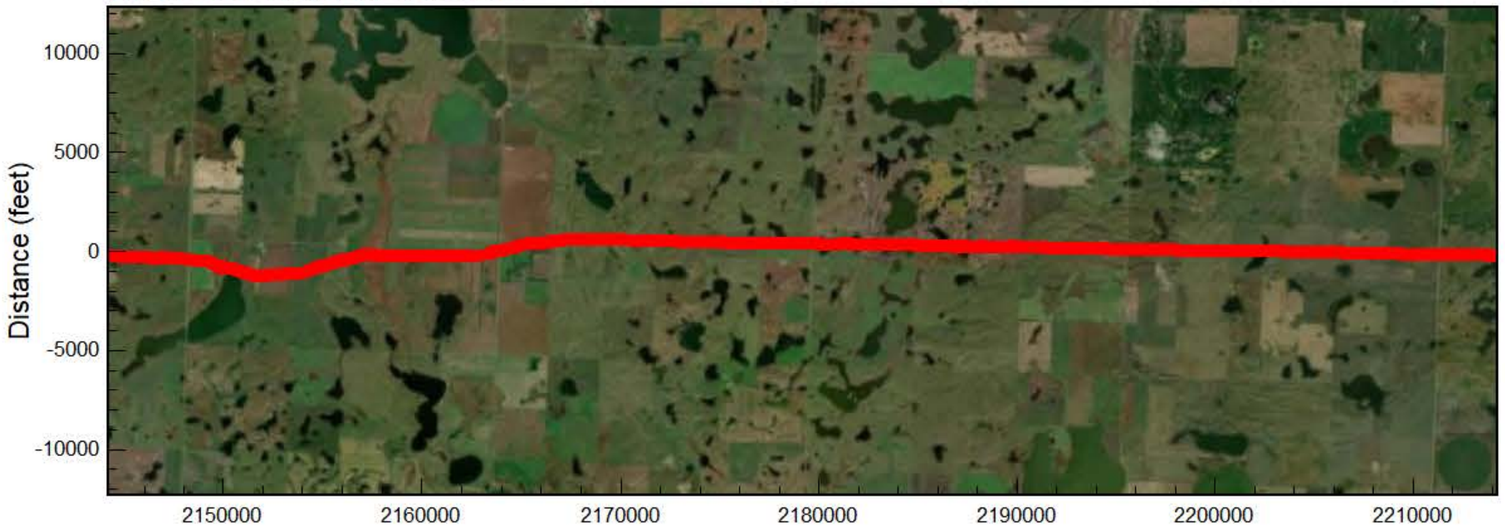


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

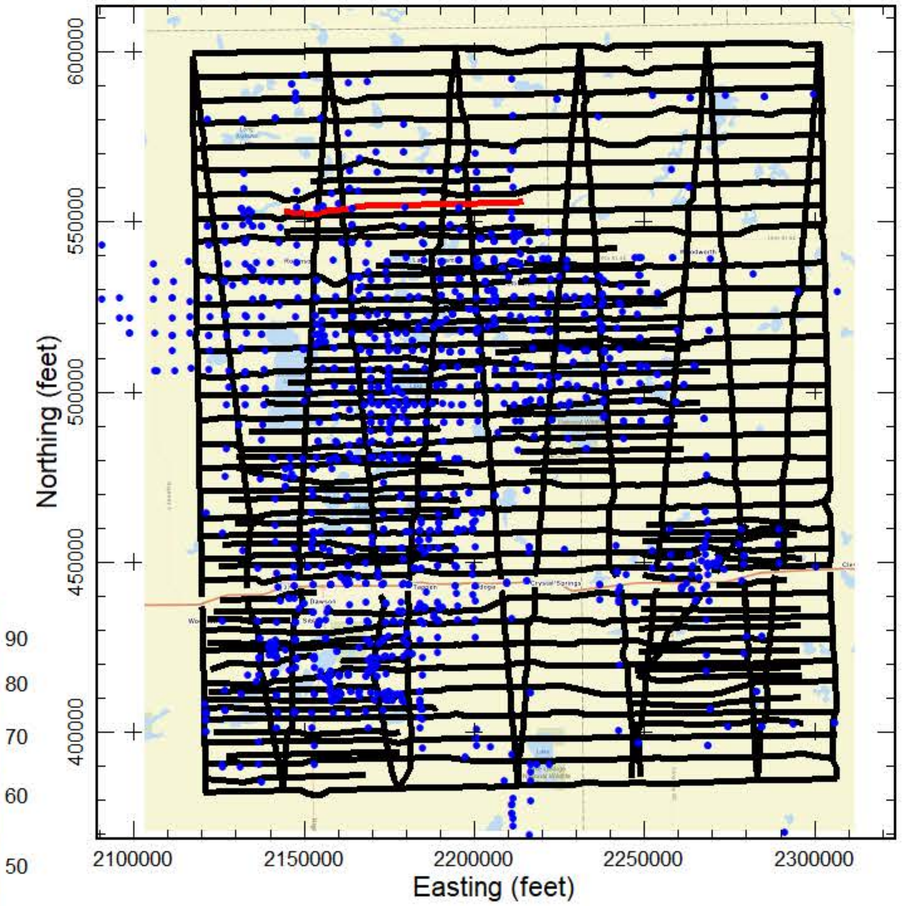
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

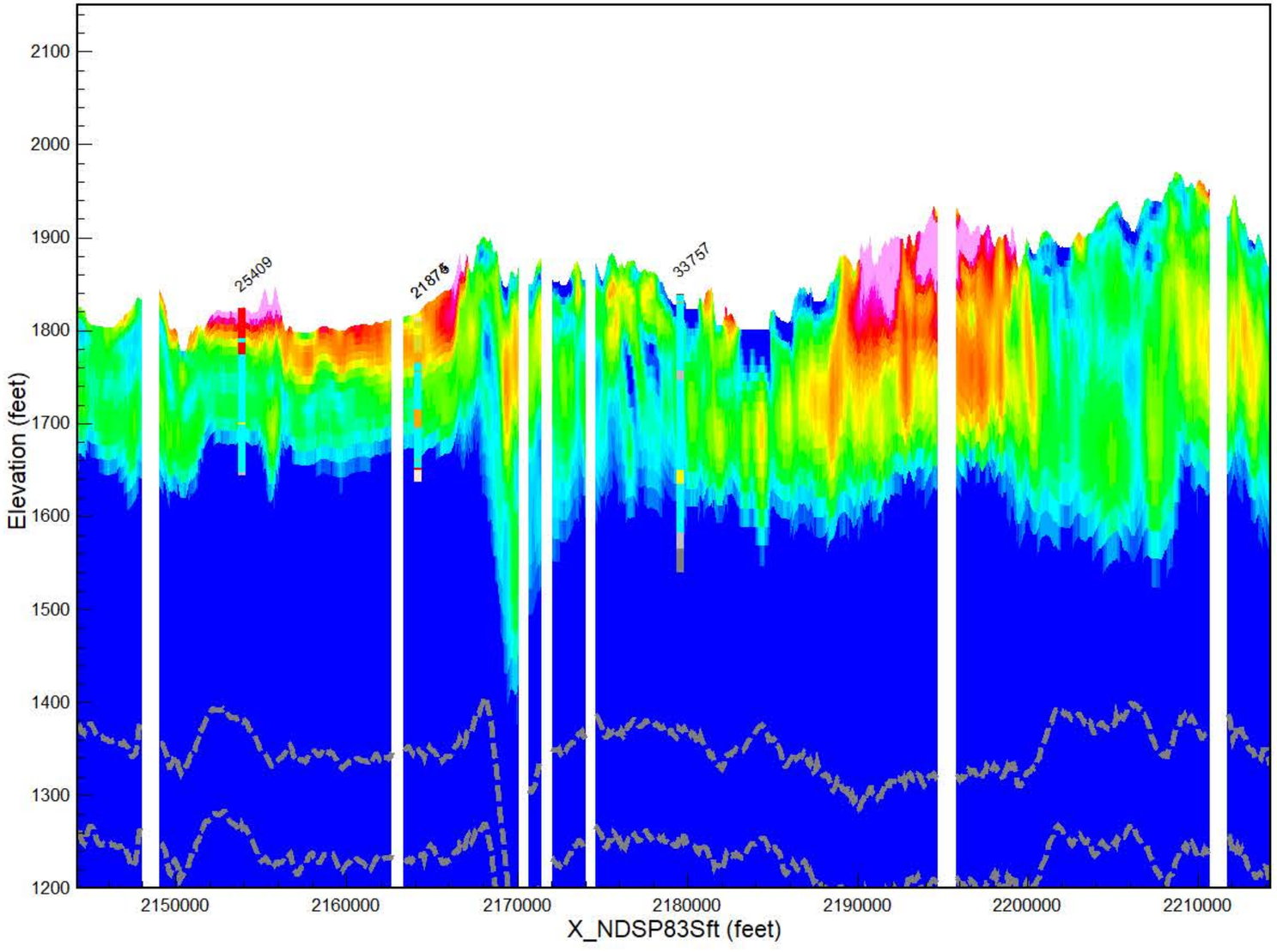
Flight Location Line L504101

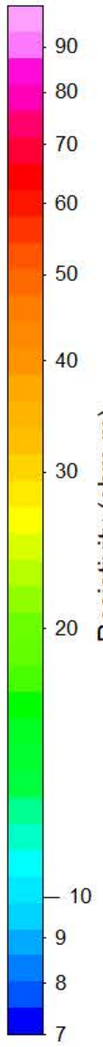


AEM Survey Area 1



Final SCI Resistivity Line L504101





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

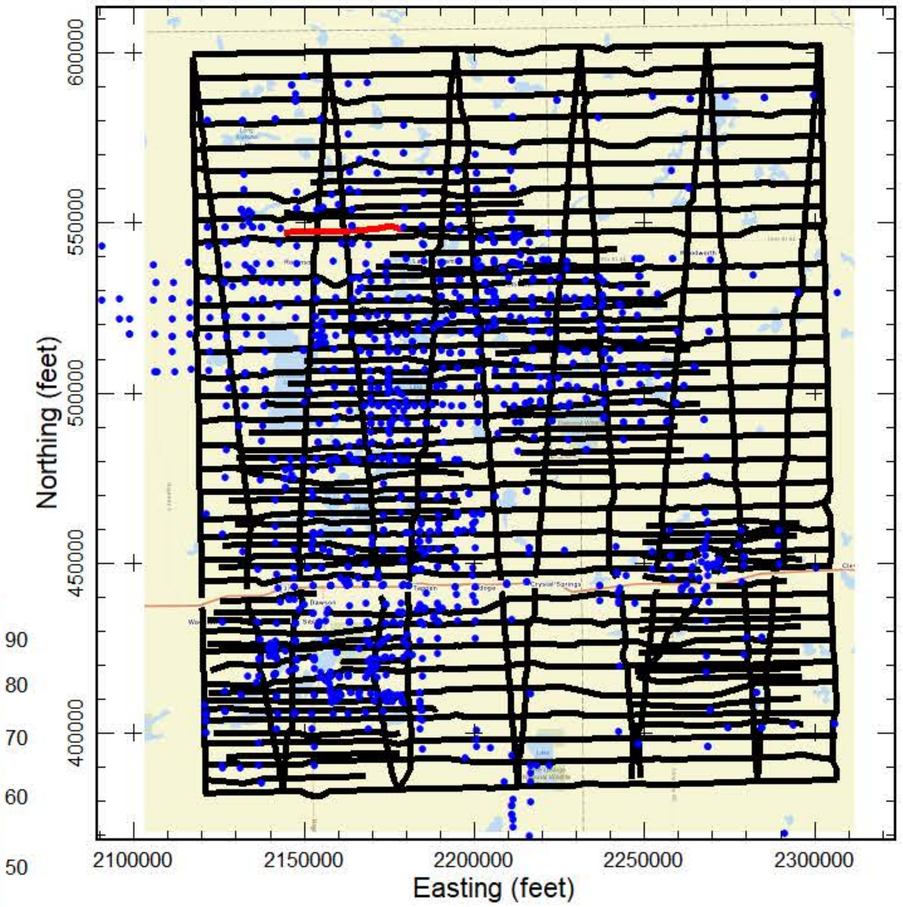
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

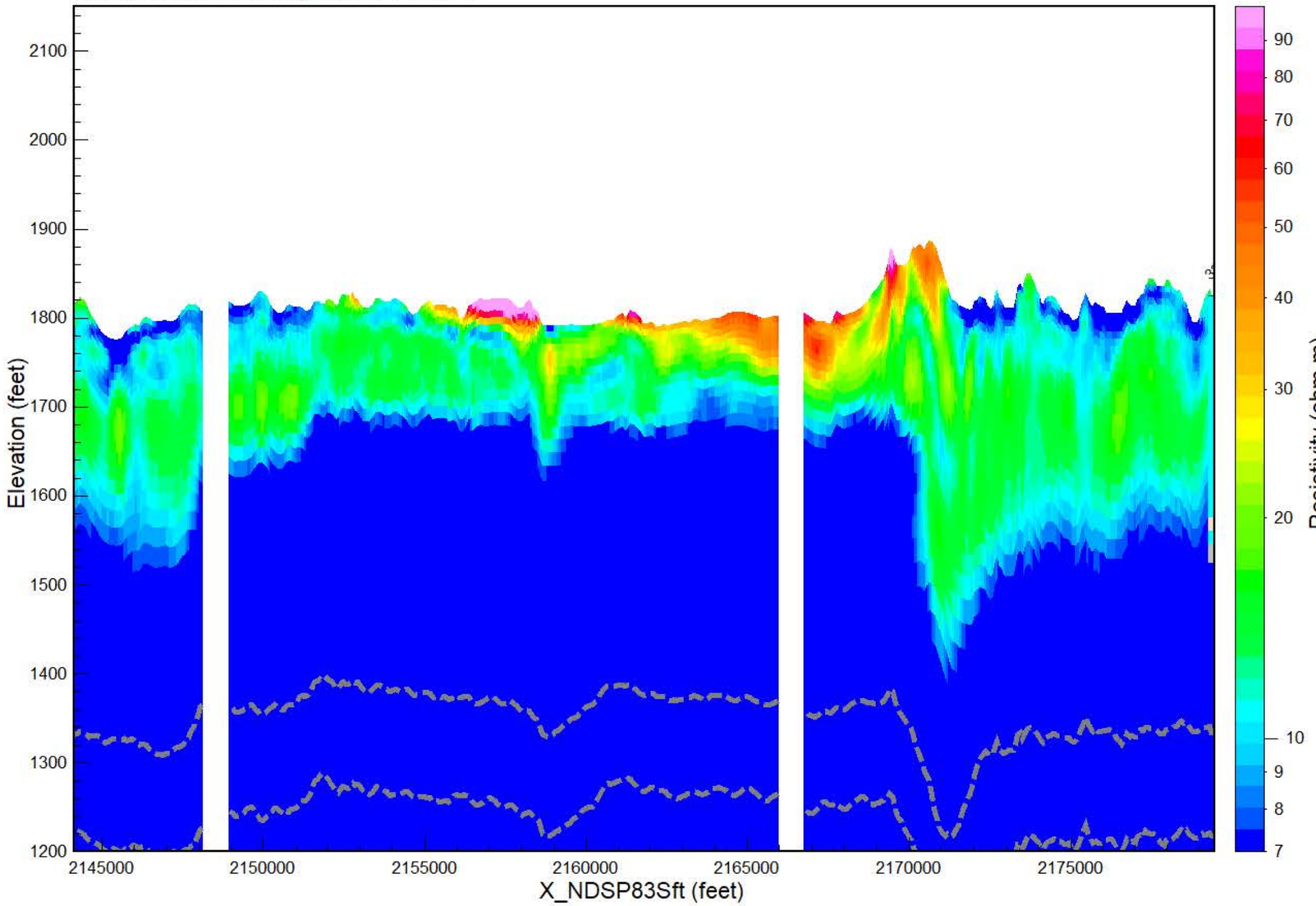
Flight Location Line L504201



AEM Survey Area 1



Final SCI Resistivity Line L504201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

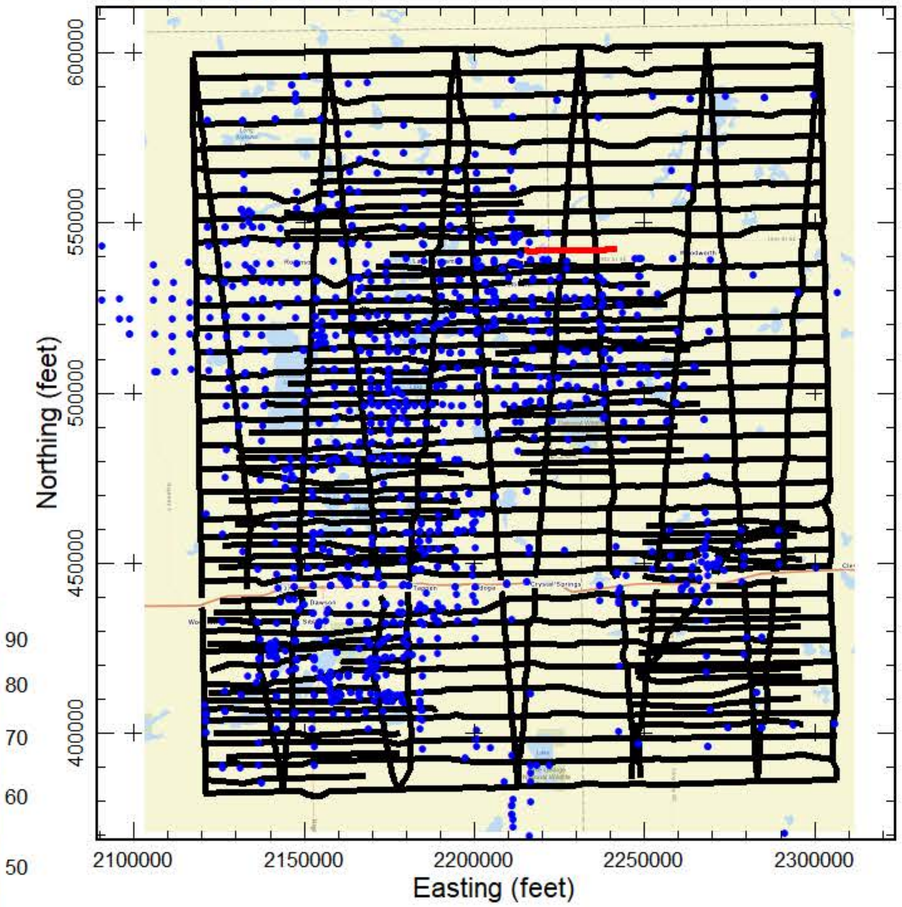
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

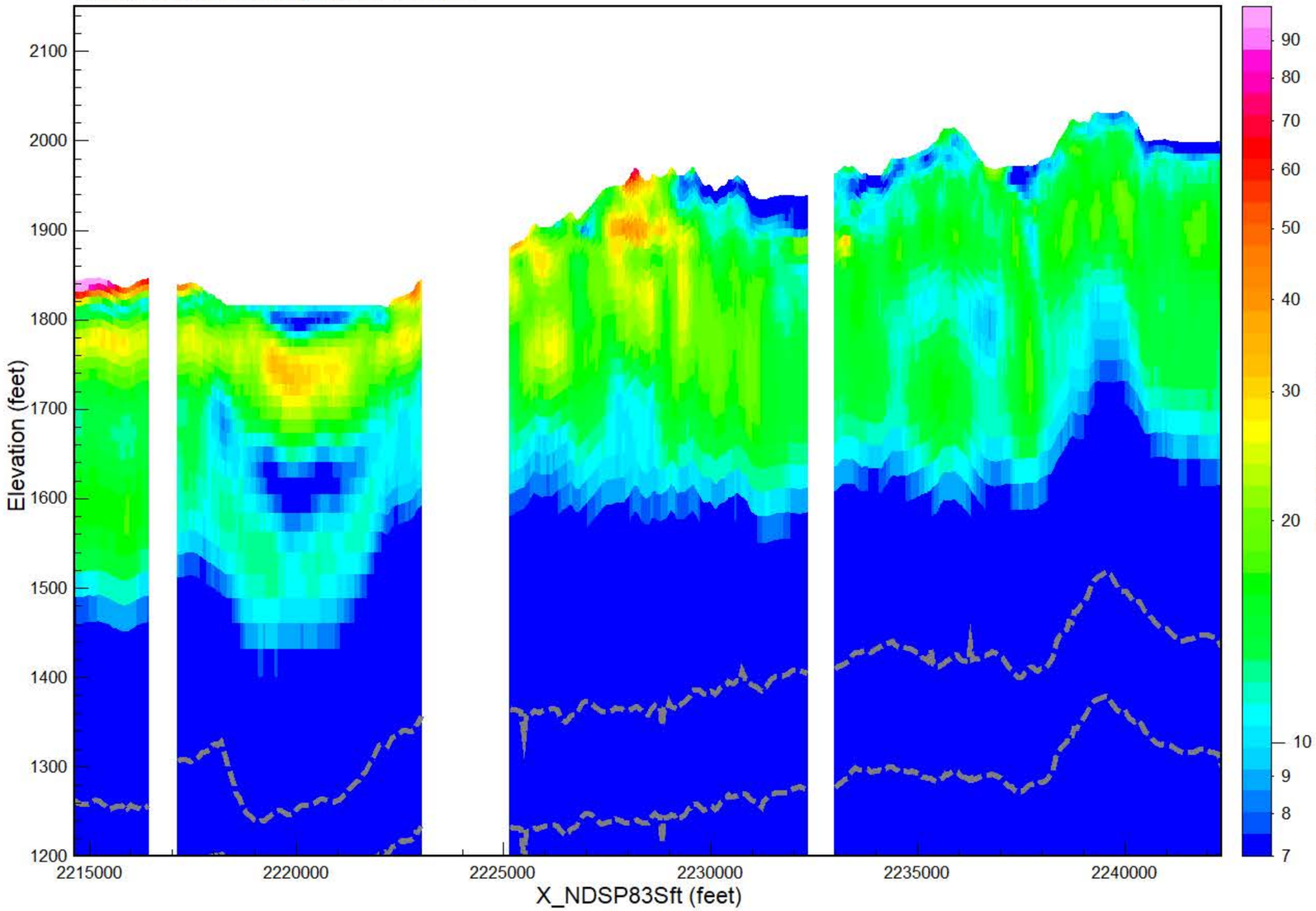
Flight Location Line L504301



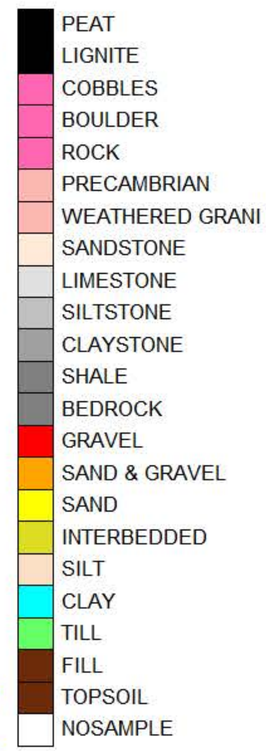
AEM Survey Area 1



Final SCI Resistivity Line L504301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

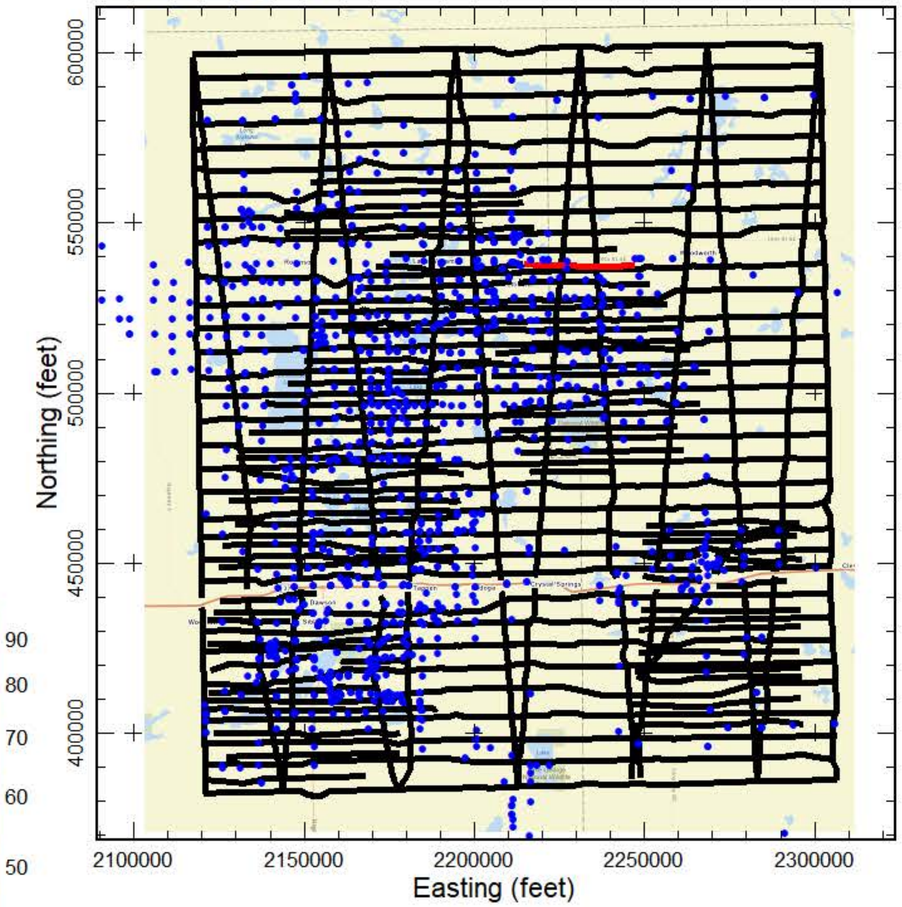


AGF
Aqua Geo Frameworks

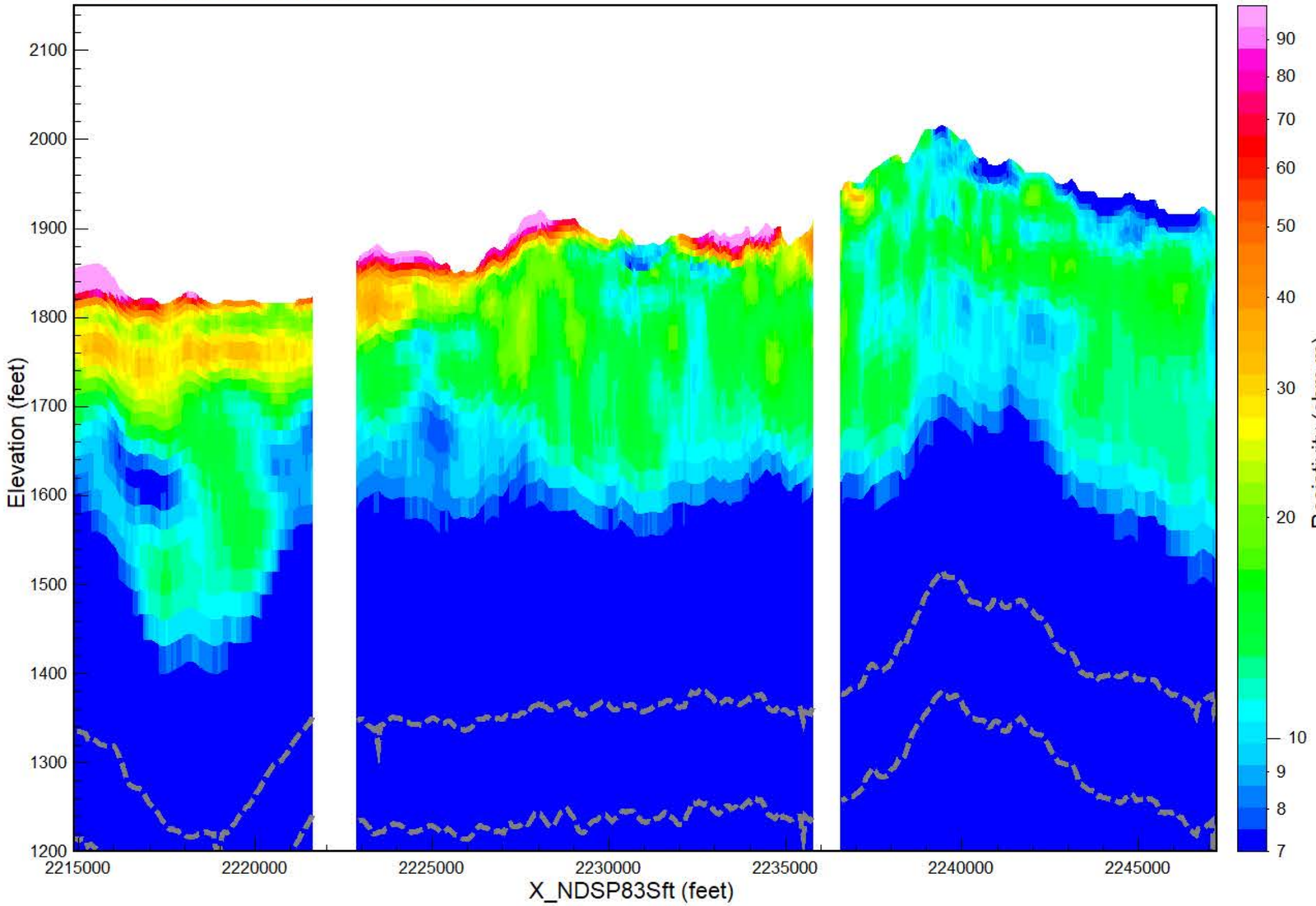
Flight Location Line L504401



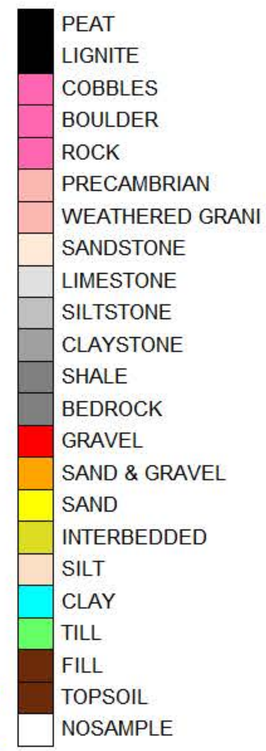
AEM Survey Area 1



Final SCI Resistivity Line L504401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

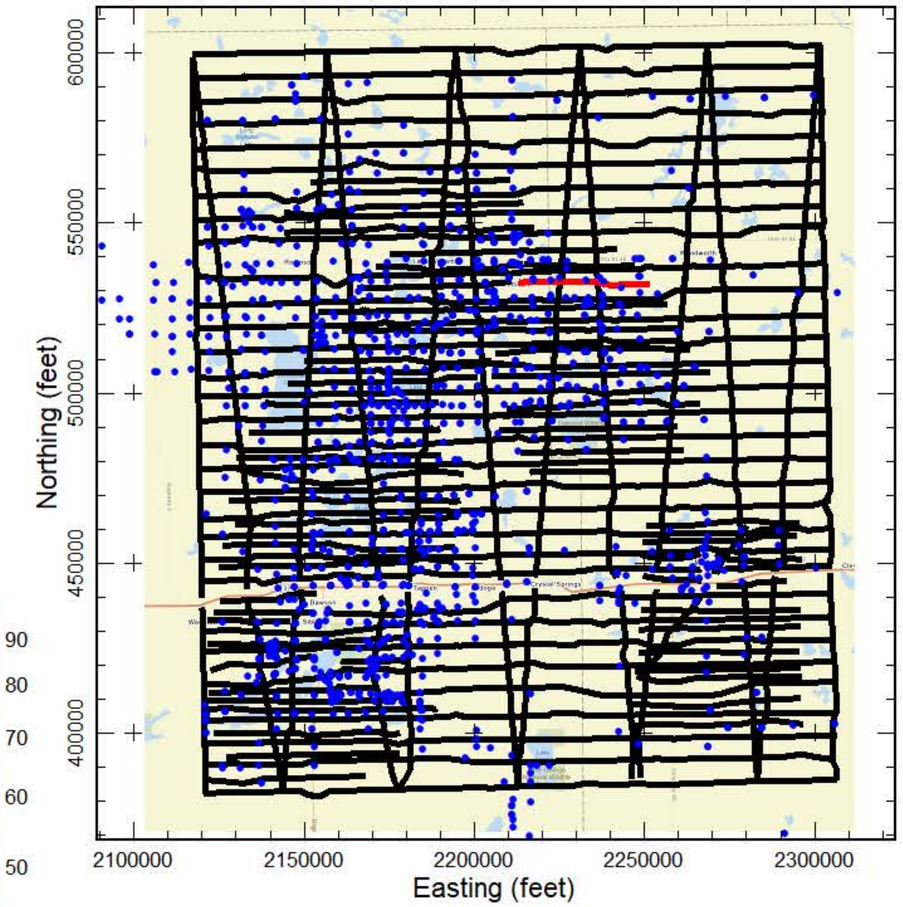


AGF
Aqua Geo Frameworks

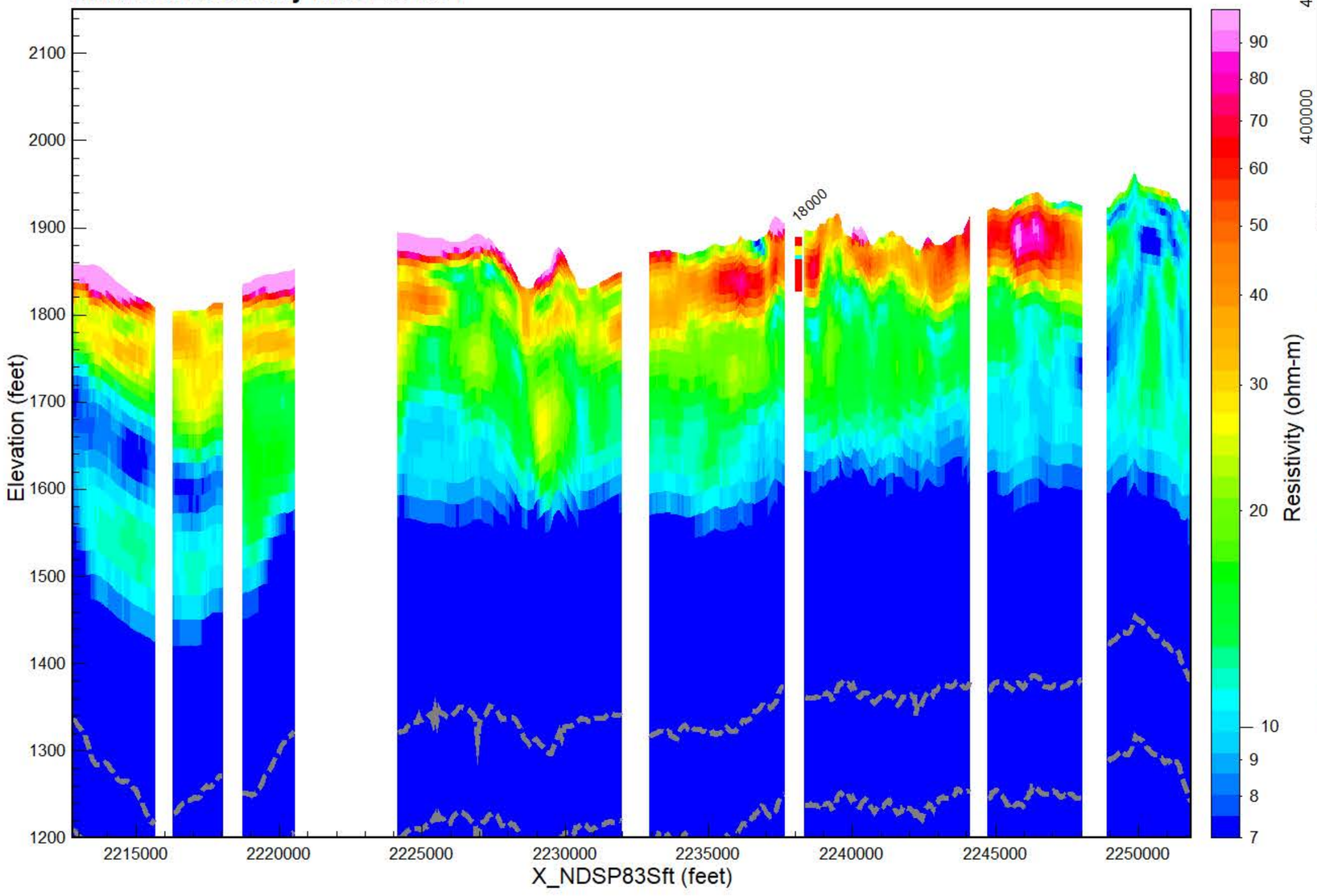
Flight Location Line L504501



AEM Survey Area 1



Final SCI Resistivity Line L504501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

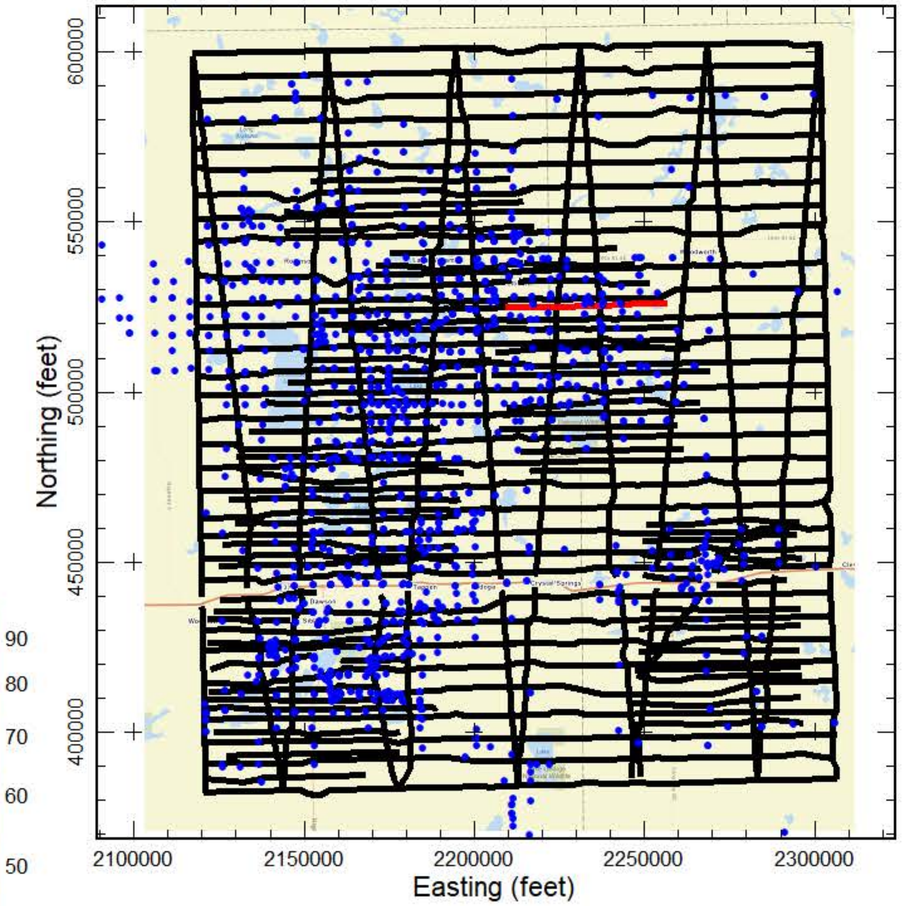
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

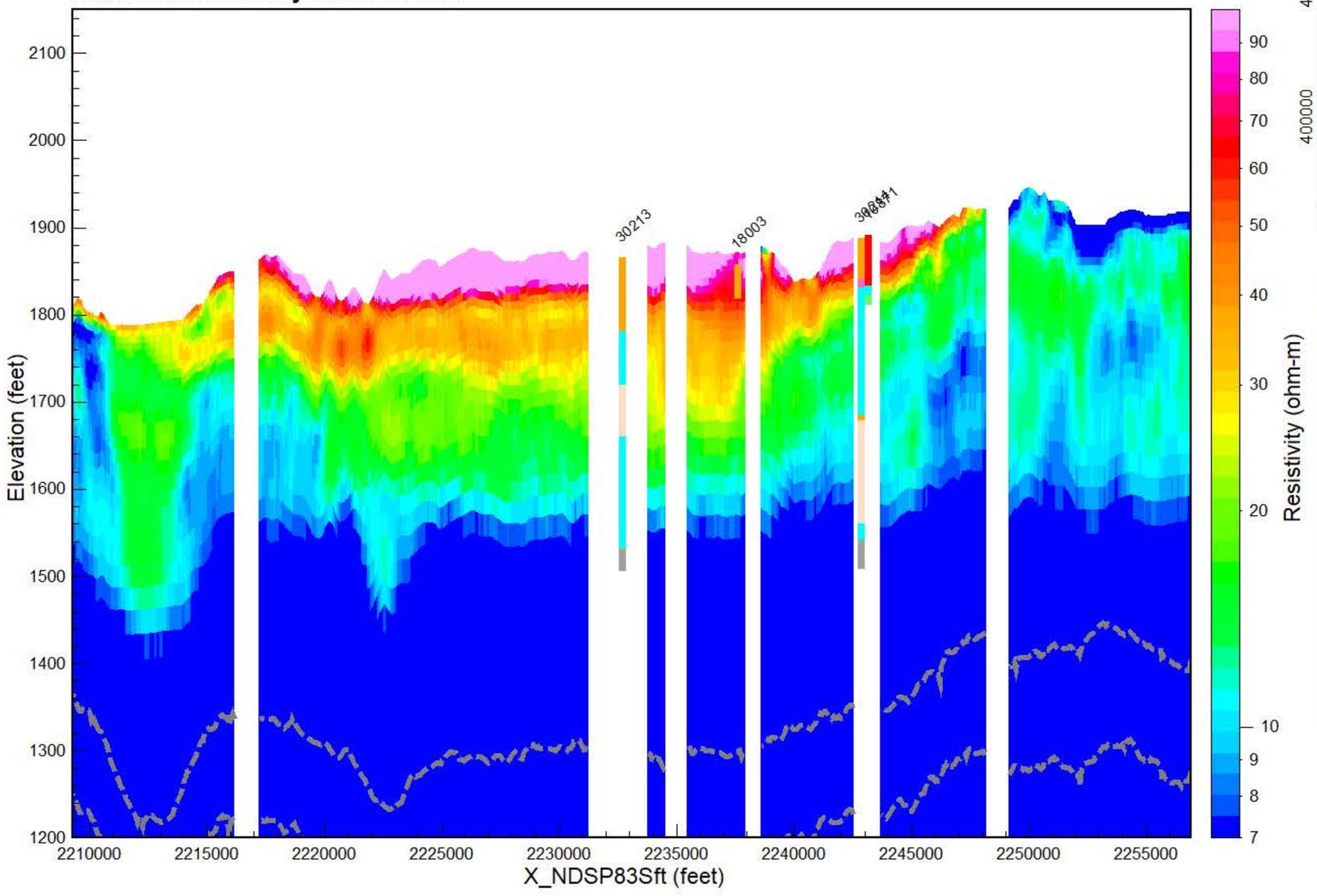
Flight Location Line L504601



AEM Survey Area 1



Final SCI Resistivity Line L504601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

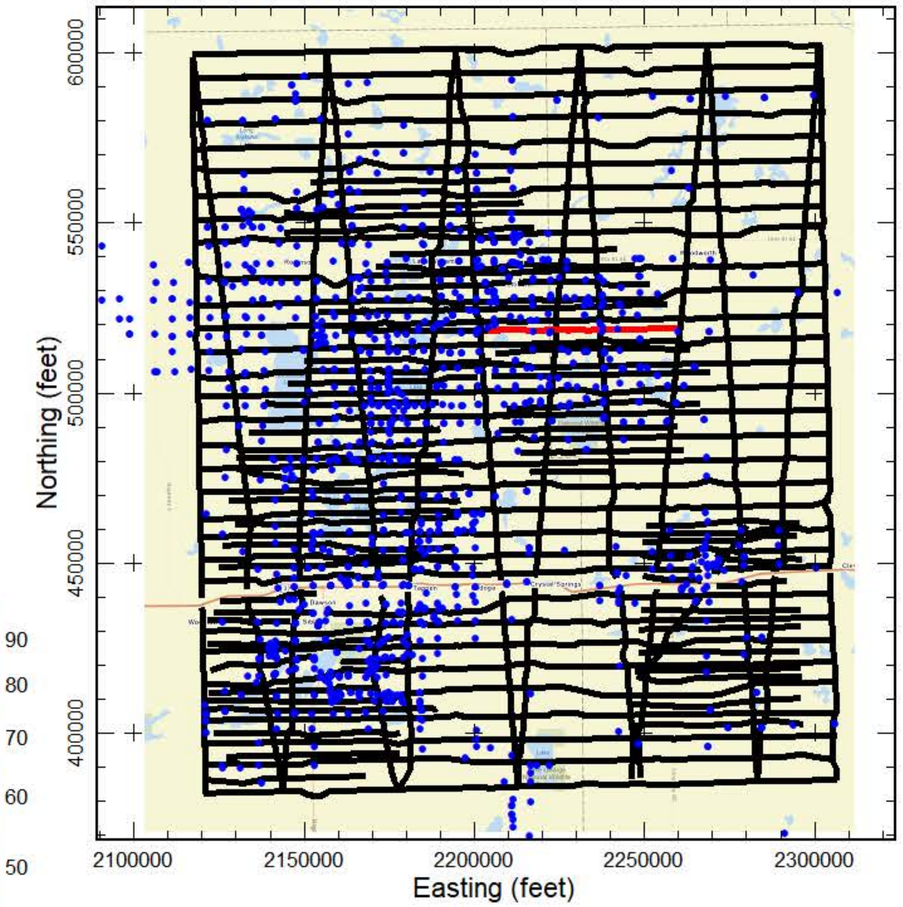
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

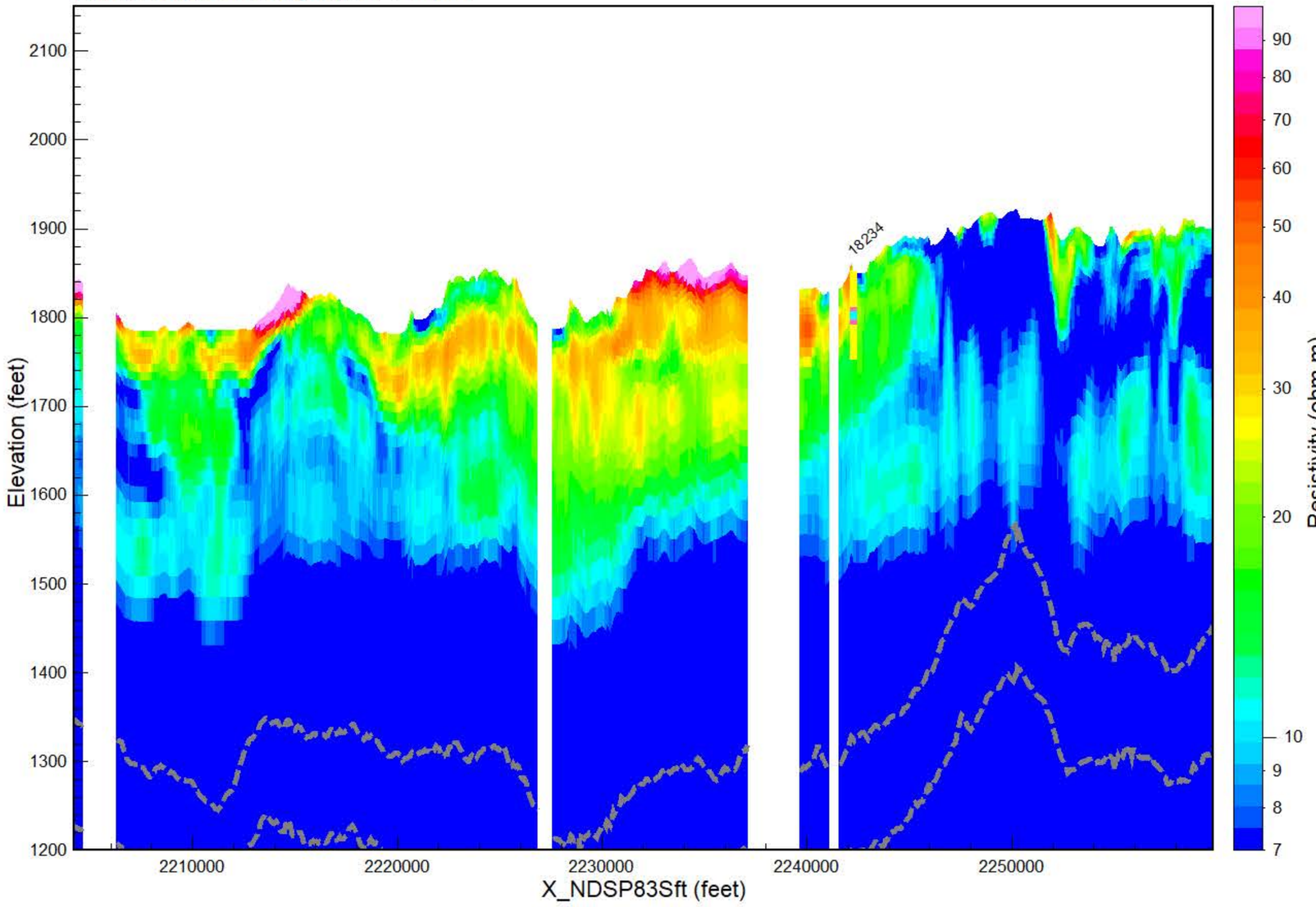
Flight Location Line L504701



AEM Survey Area 1



Final SCI Resistivity Line L504701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

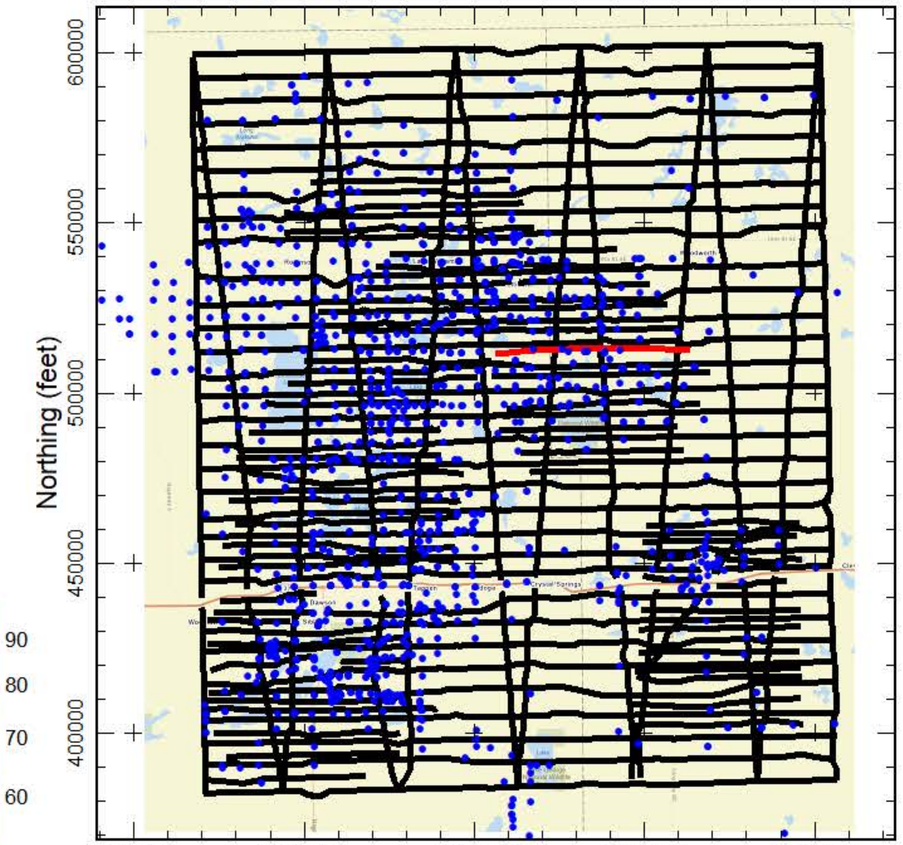
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

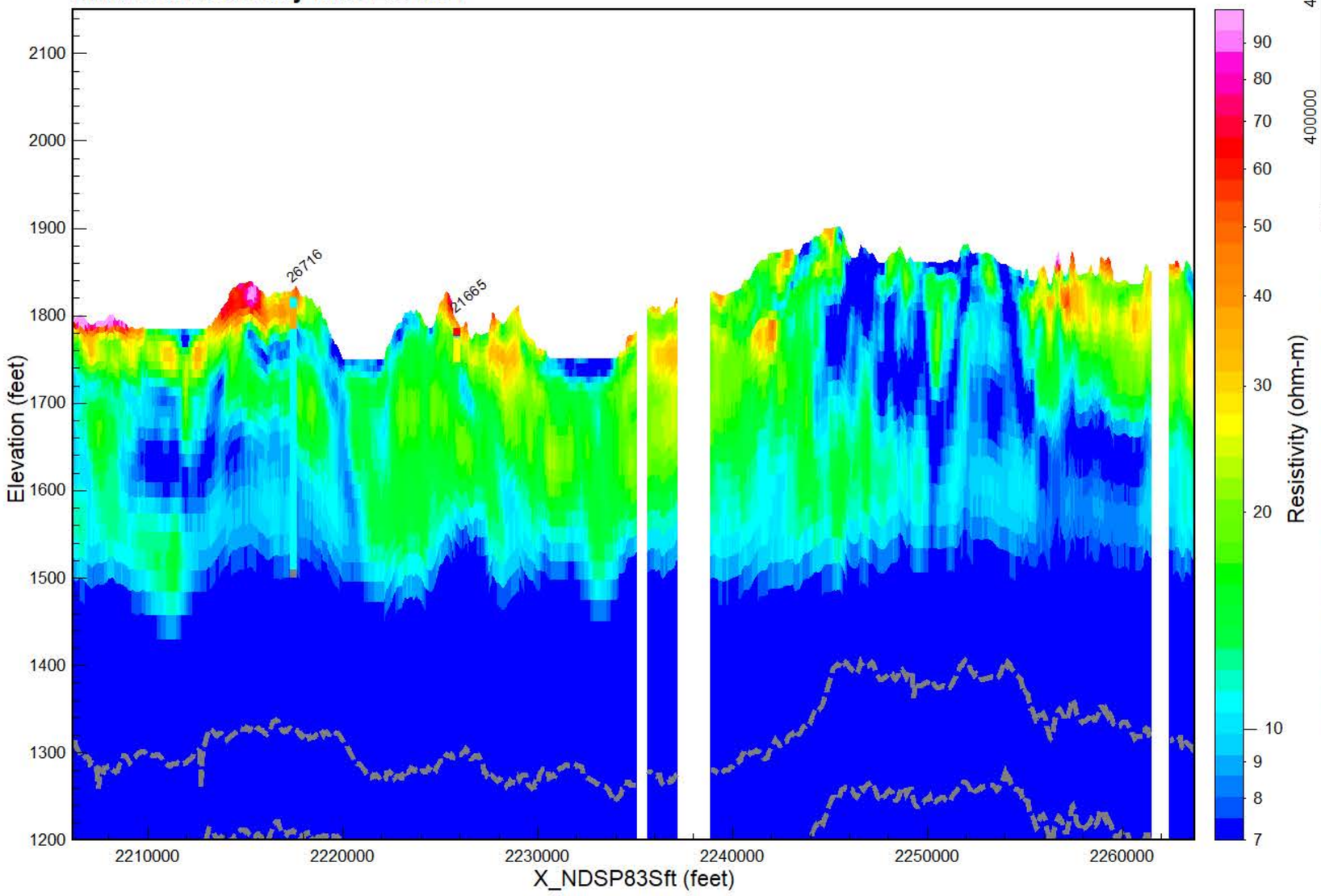
Flight Location Line L504801



AEM Survey Area 1



Final SCI Resistivity Line L504801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

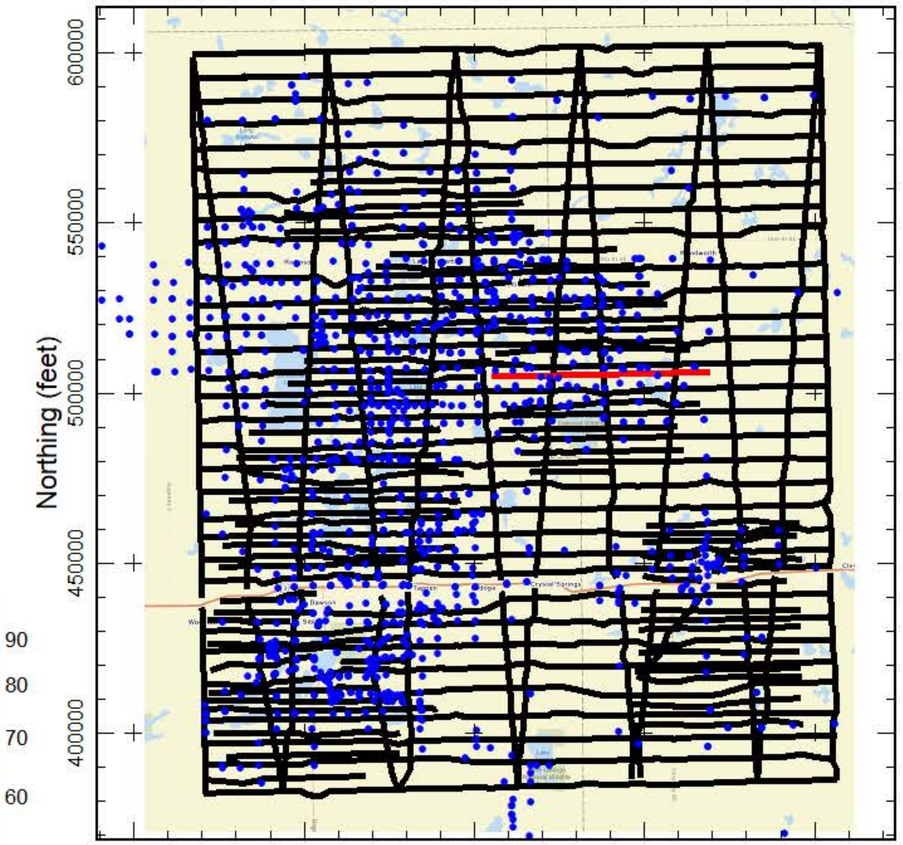
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

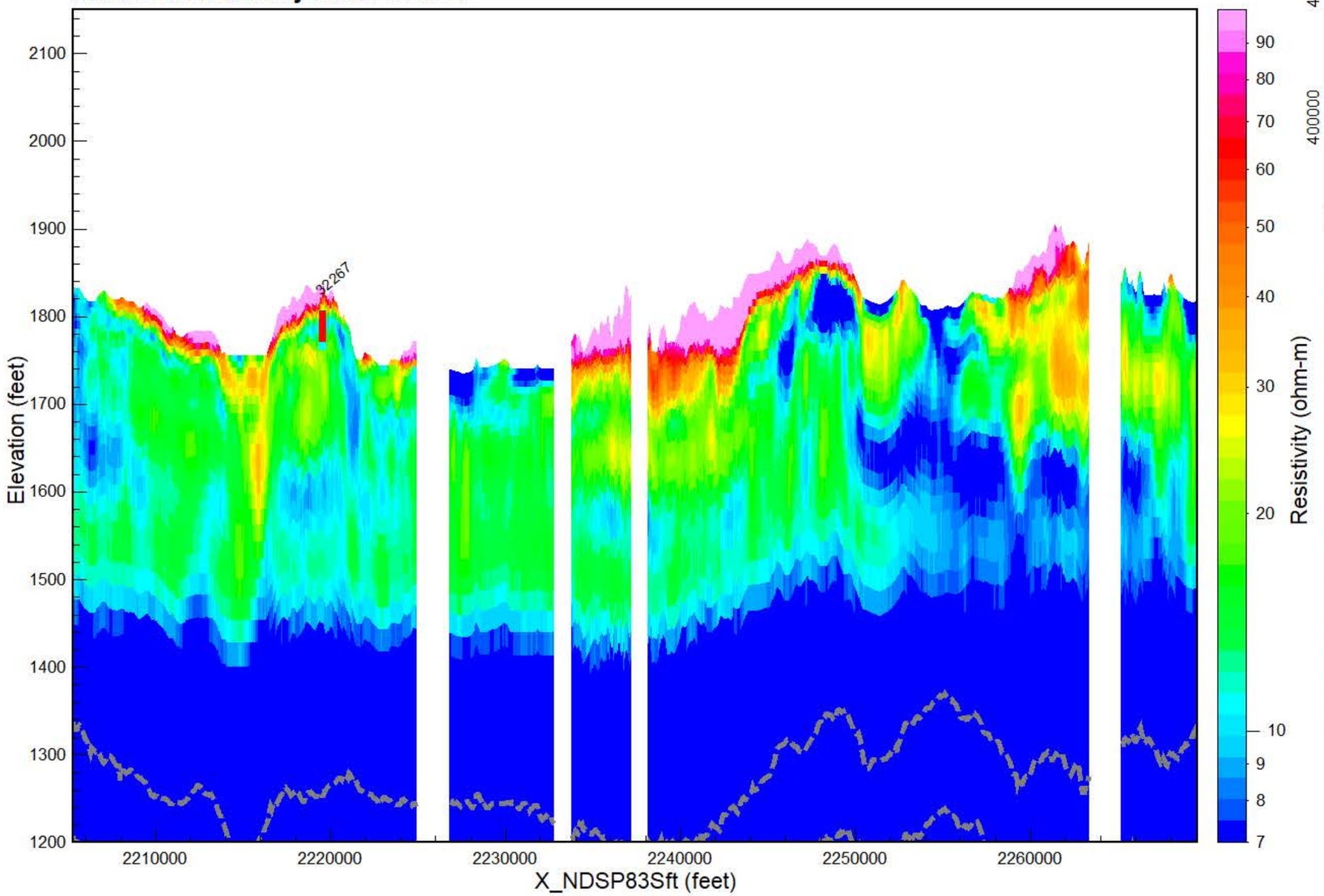
Flight Location Line L504901



AEM Survey Area 1



Final SCI Resistivity Line L504901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

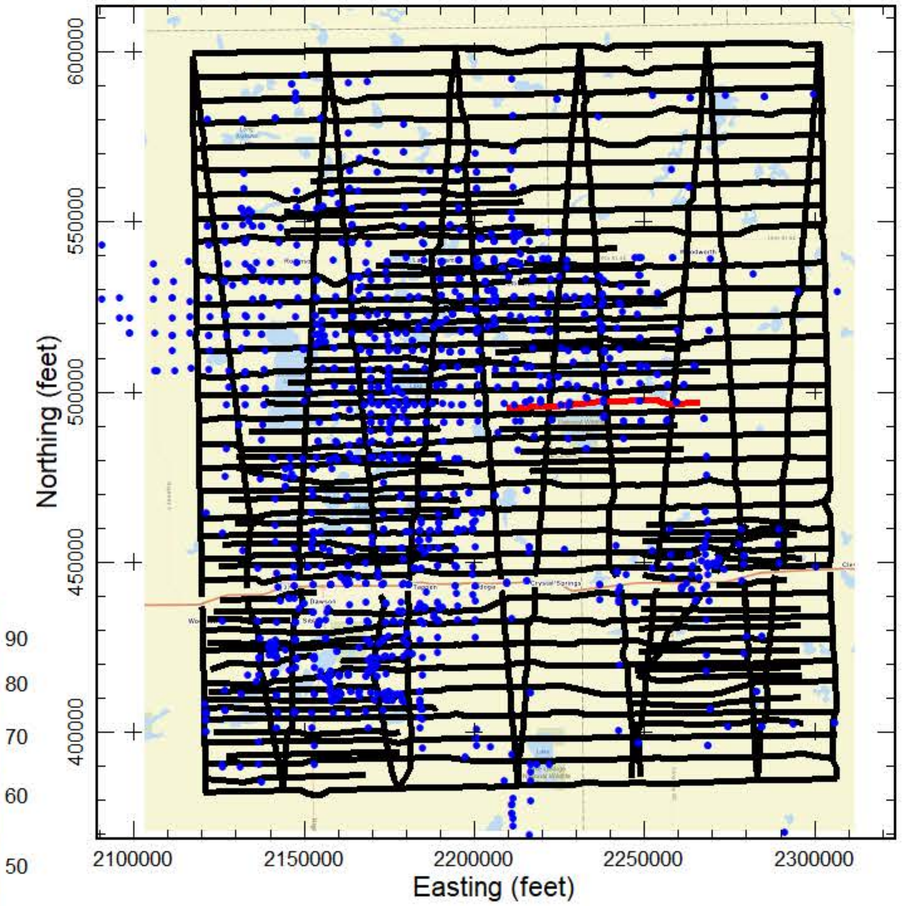
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

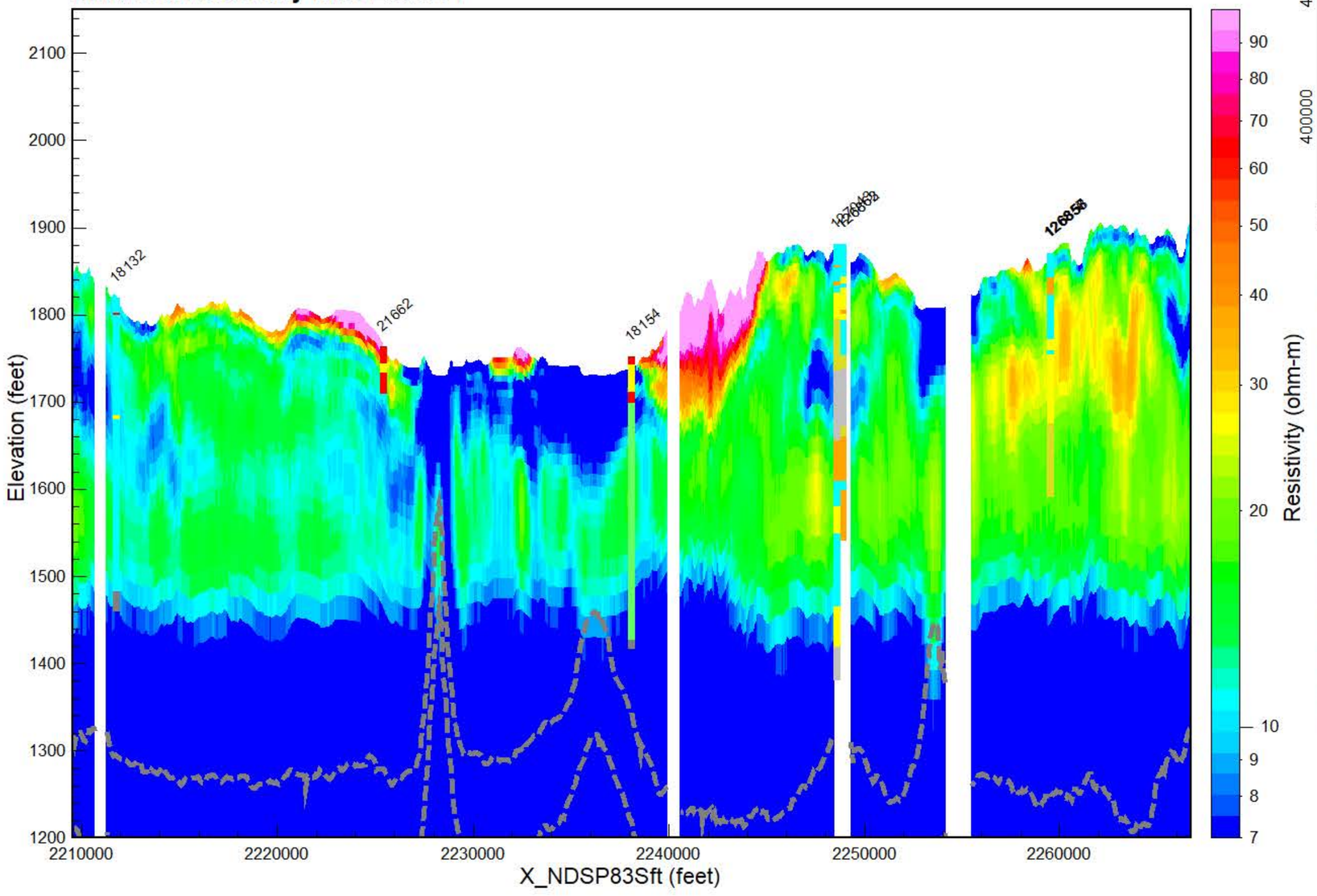
Flight Location Line L505001



AEM Survey Area 1



Final SCI Resistivity Line L505001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

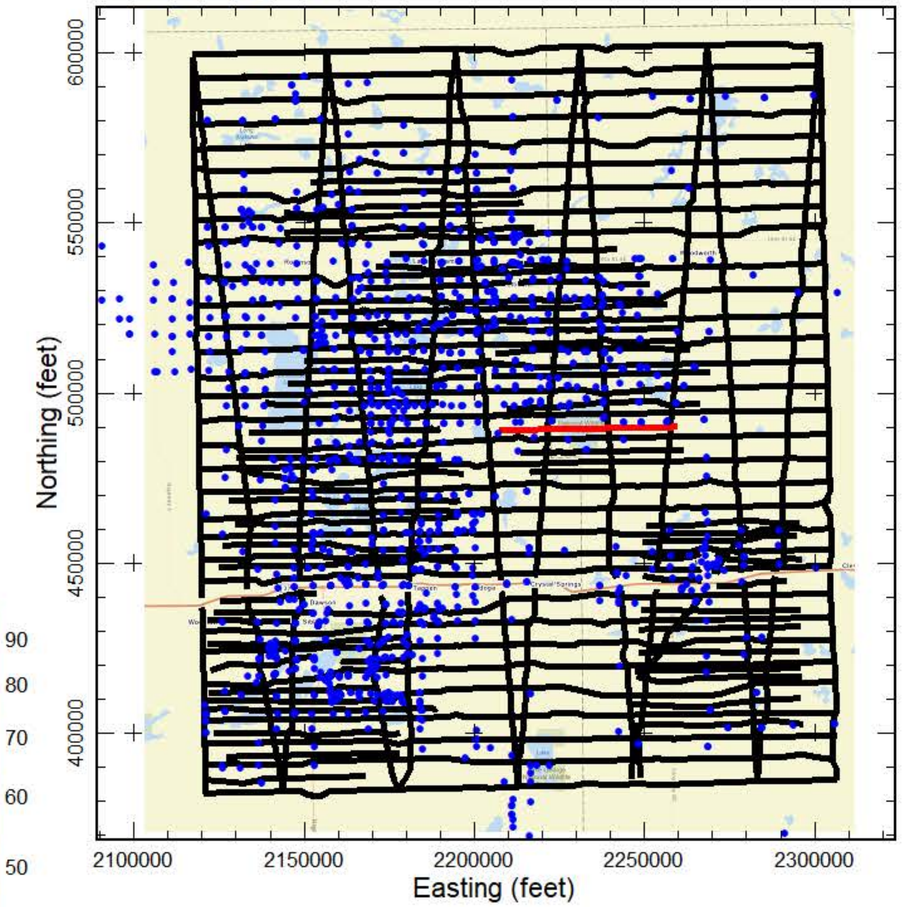
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

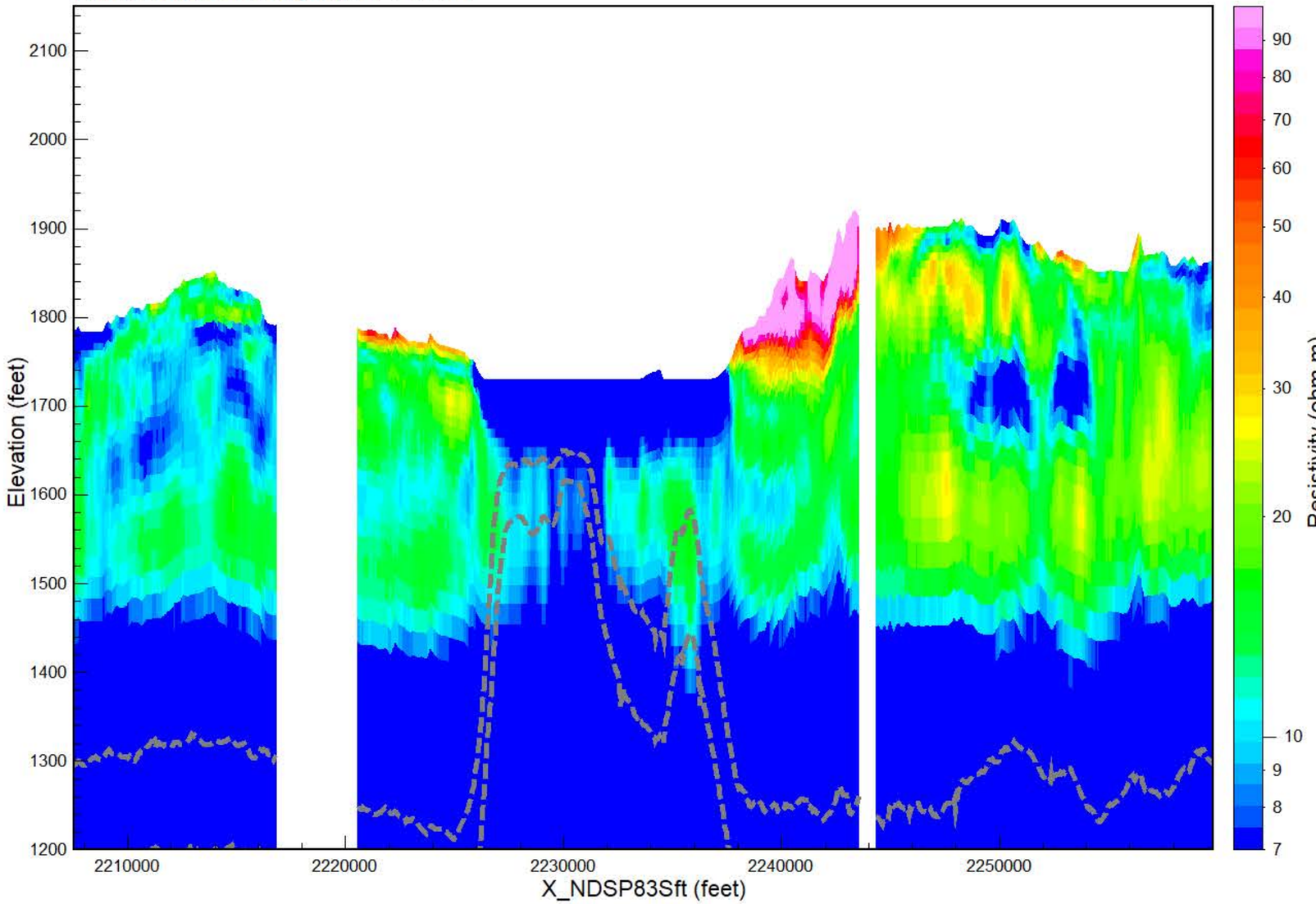
Flight Location Line L505101



AEM Survey Area 1



Final SCI Resistivity Line L505101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

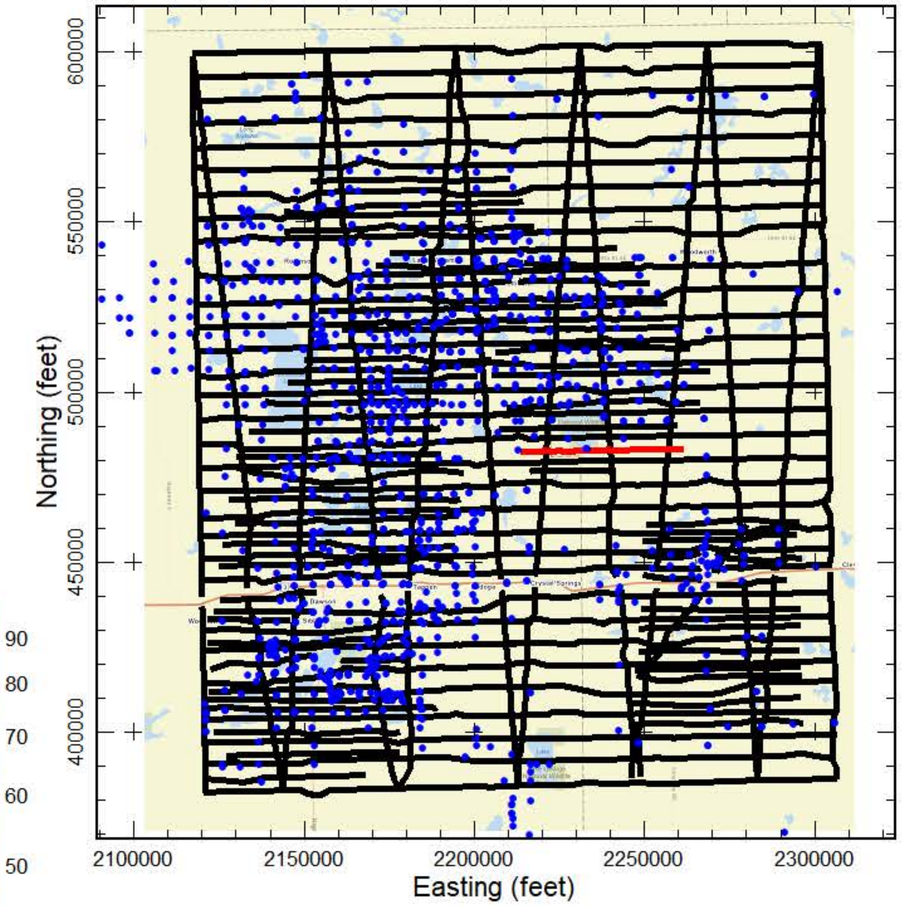
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

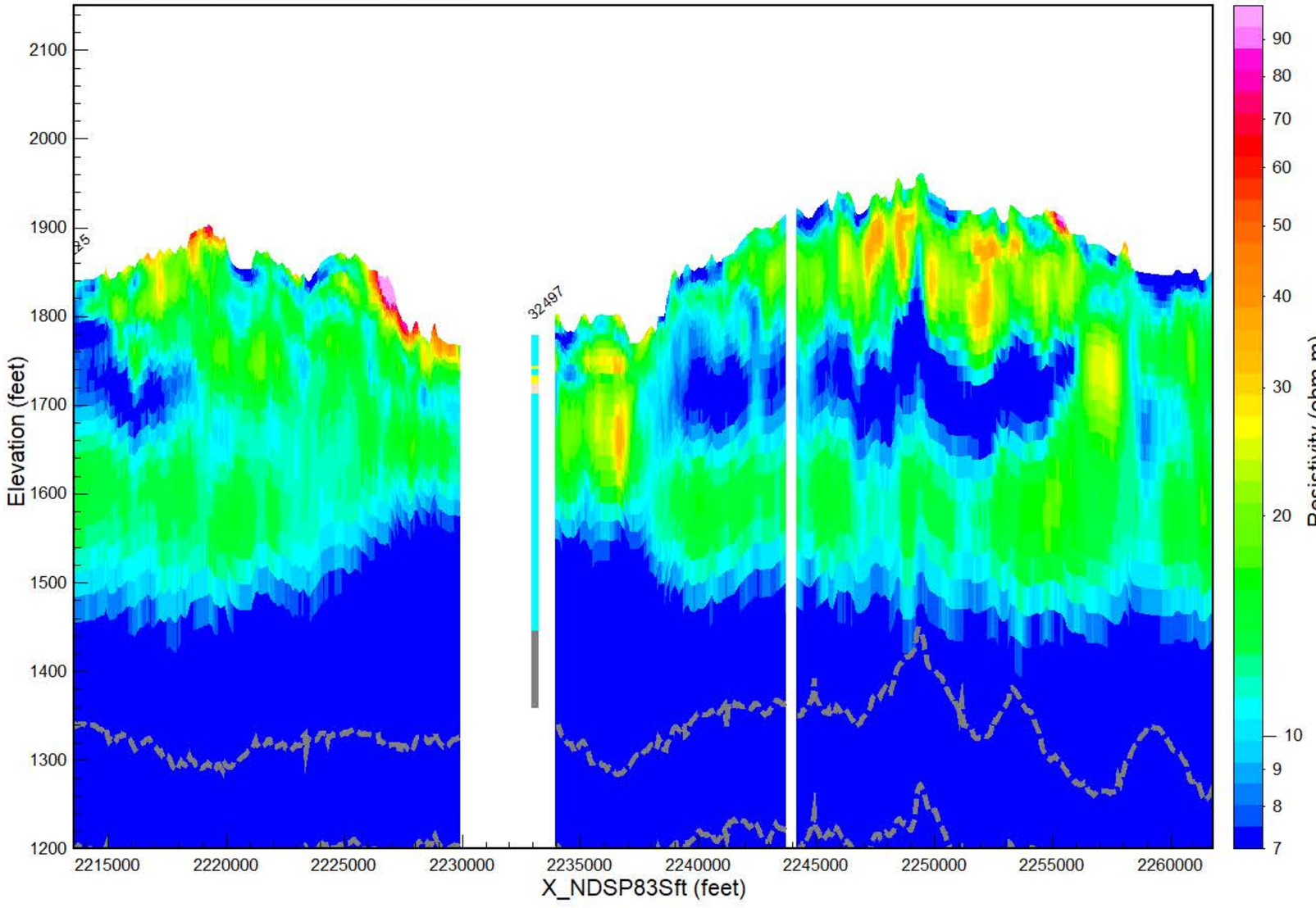
Flight Location Line L505201



AEM Survey Area 1



Final SCI Resistivity Line L505201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

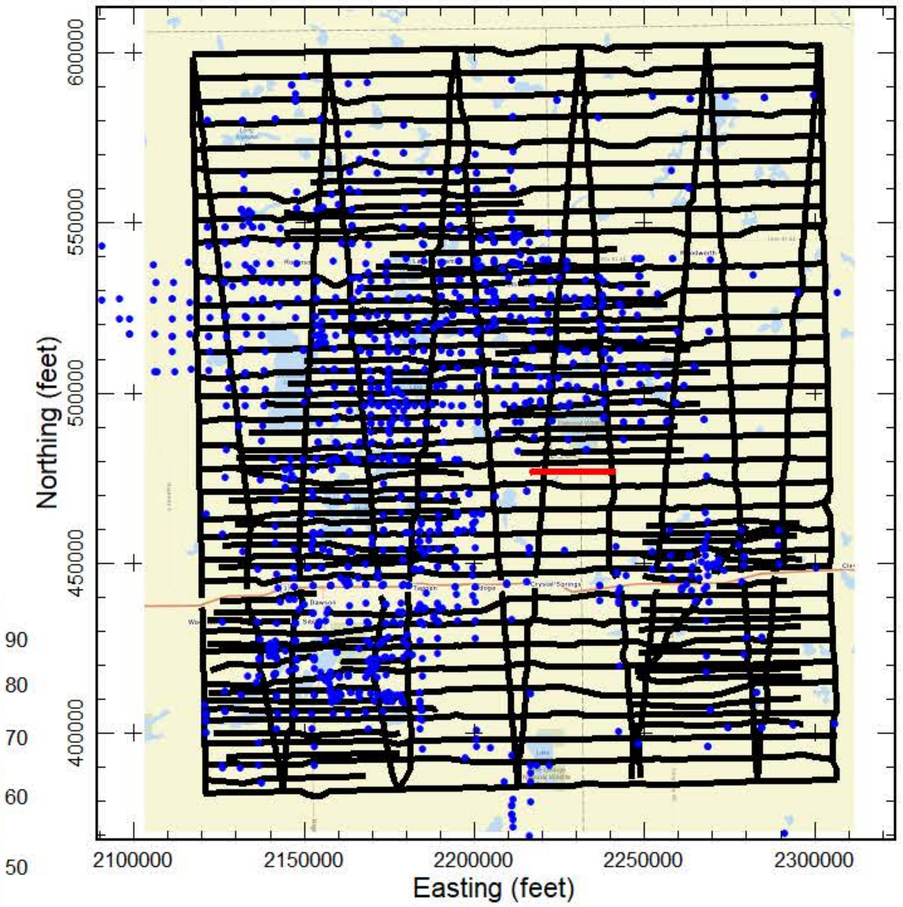
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

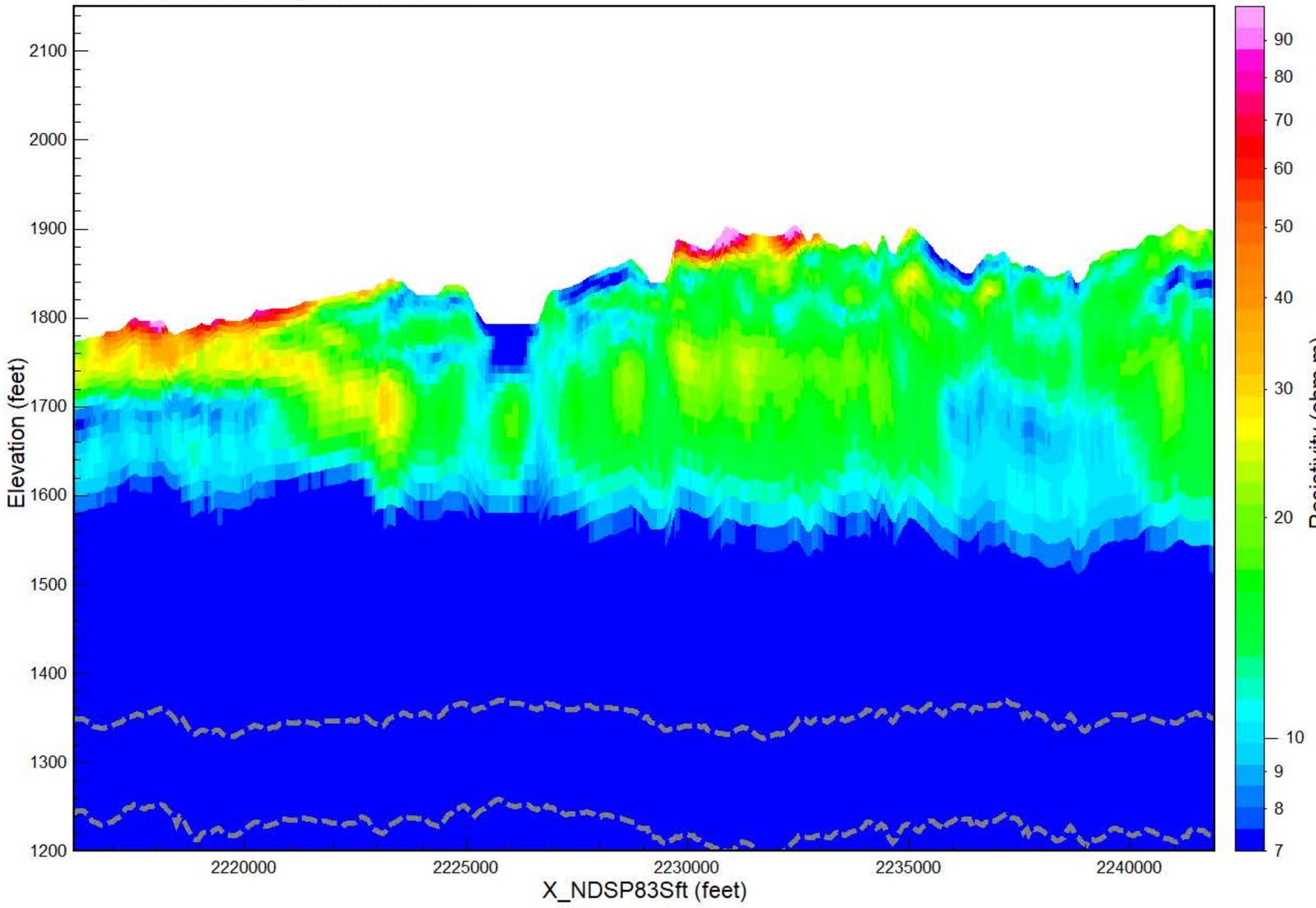
Flight Location Line L505301



AEM Survey Area 1



Final SCI Resistivity Line L505301

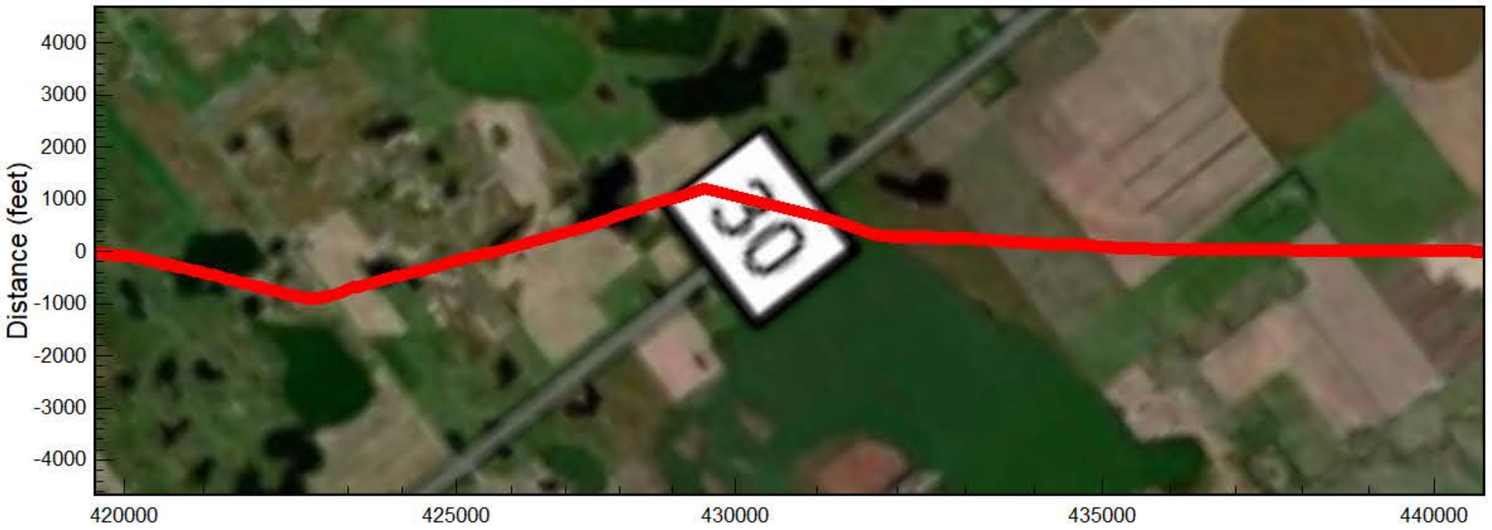


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

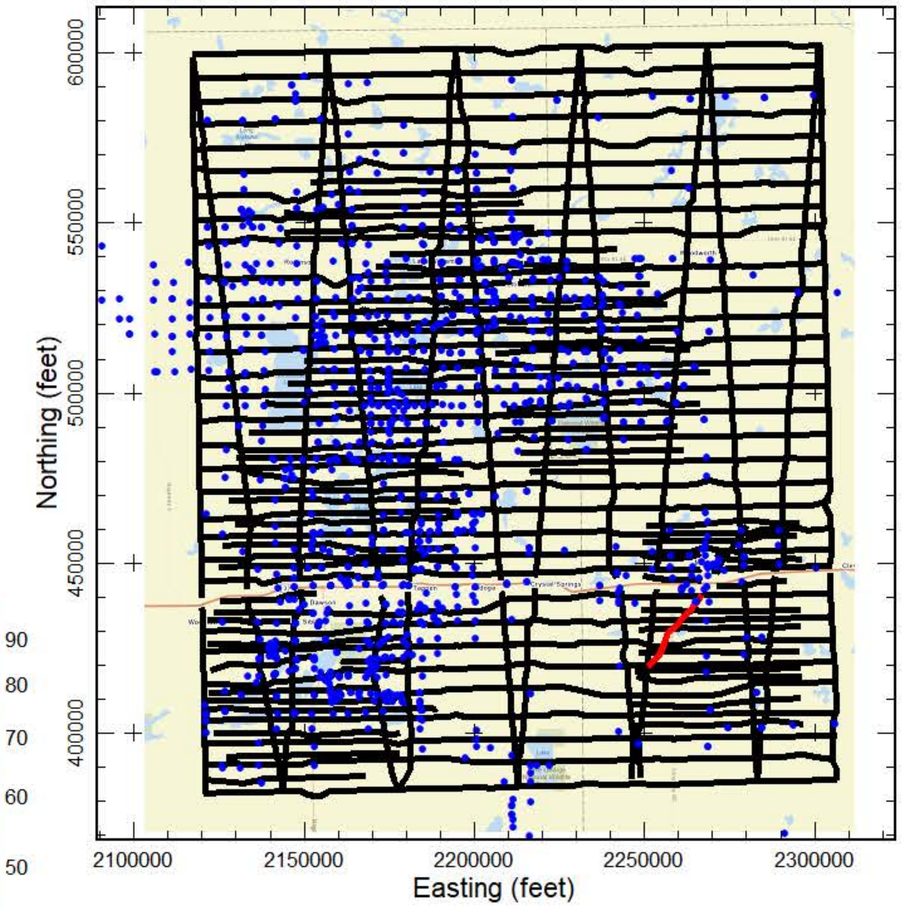
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

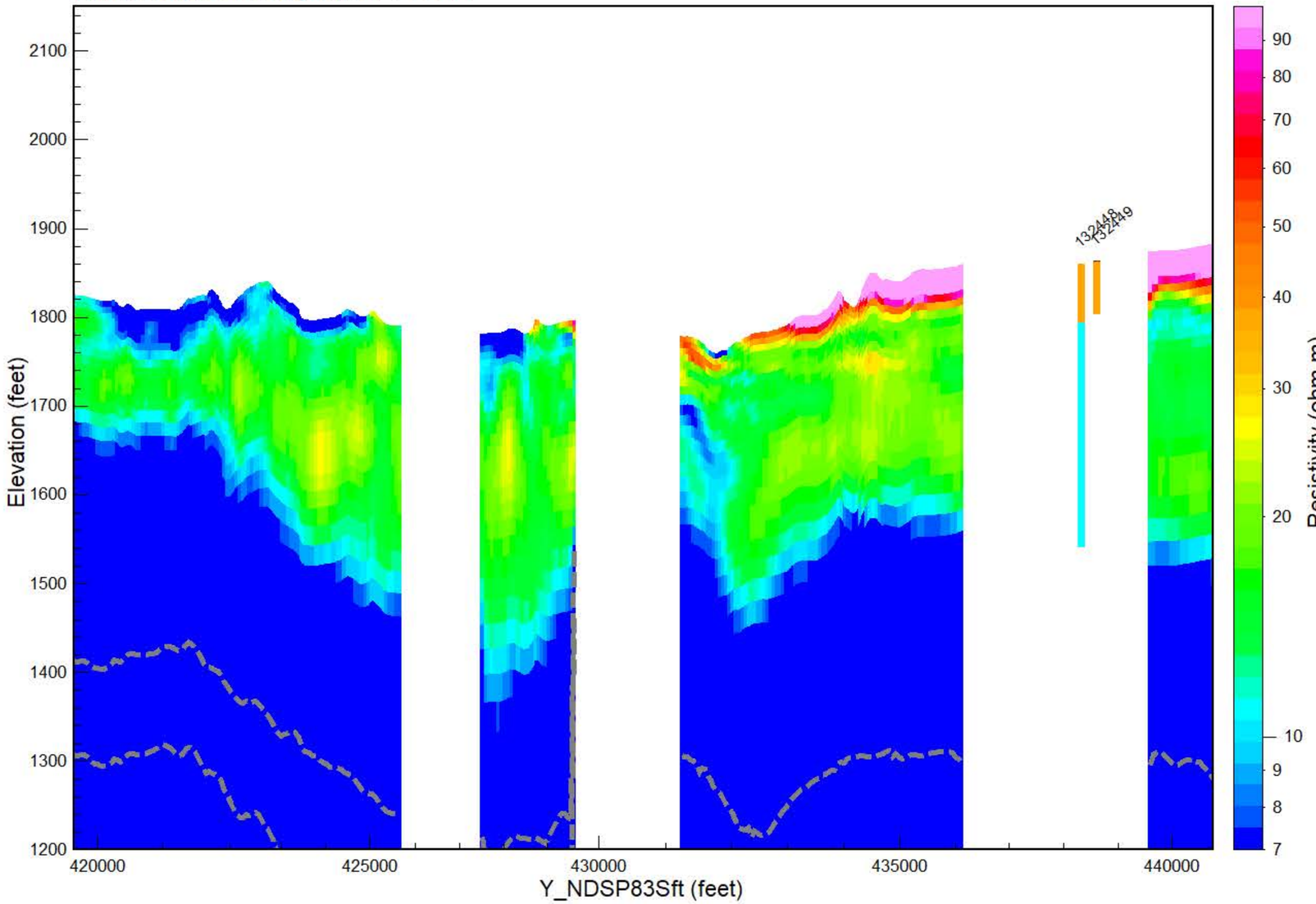
Flight Location Line L590011



AEM Survey Area 1



Final SCI Resistivity Line L590011



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

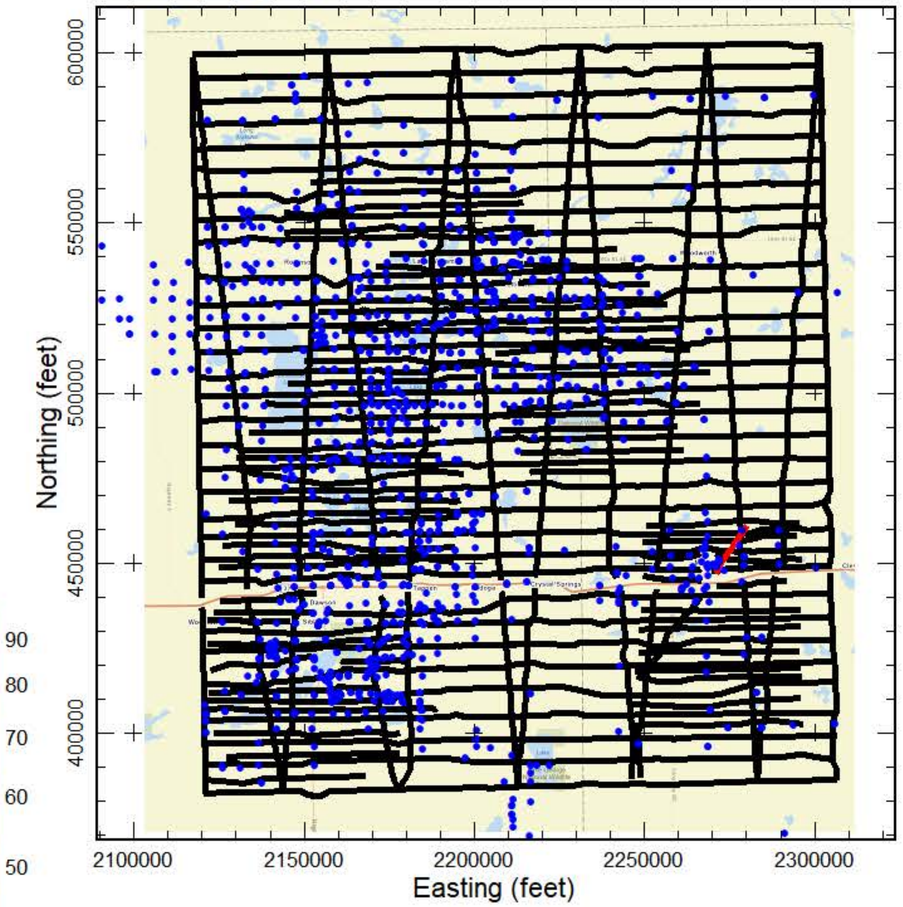
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

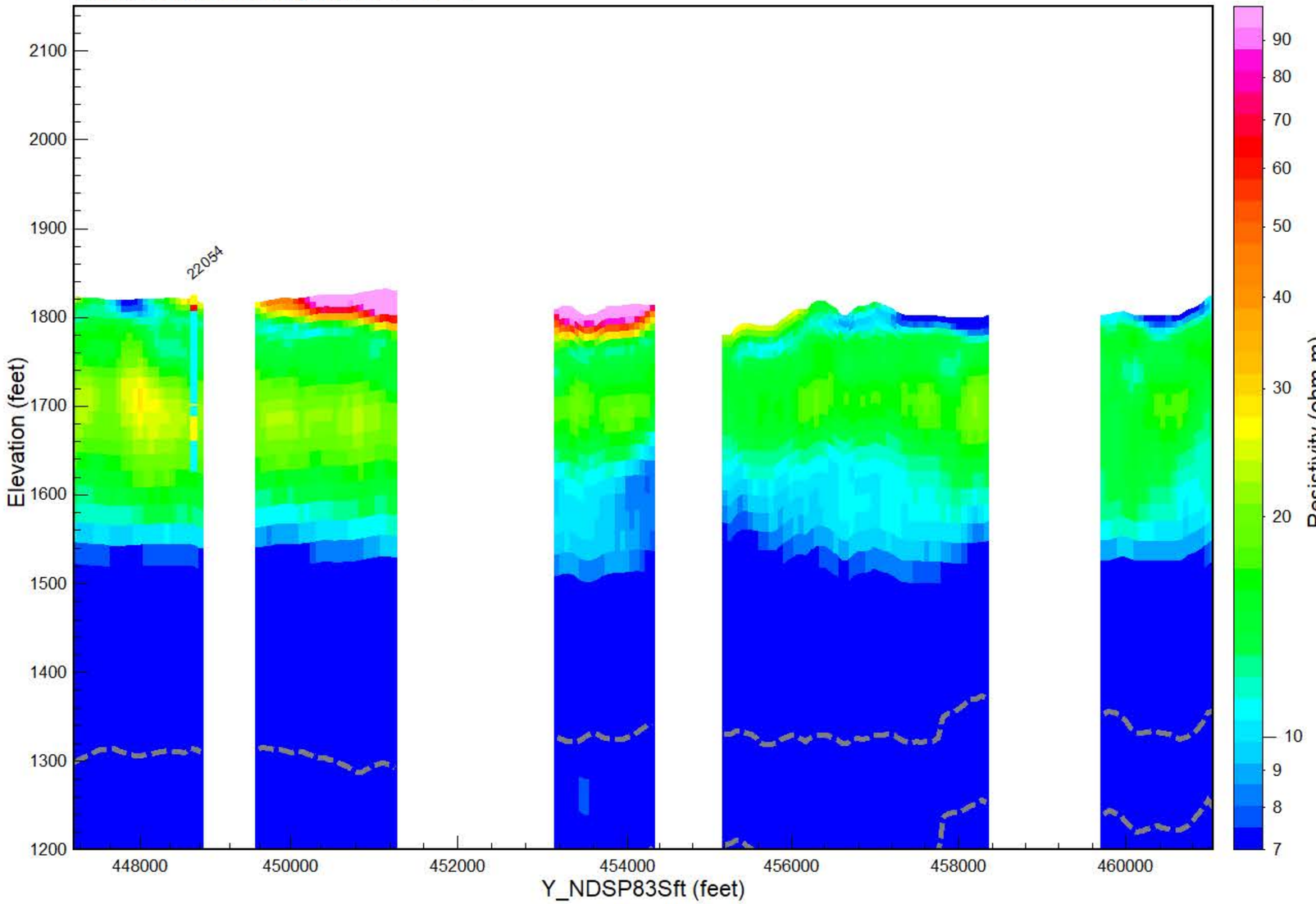
Flight Location Line L590021



AEM Survey Area 1



Final SCI Resistivity Line L590021



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

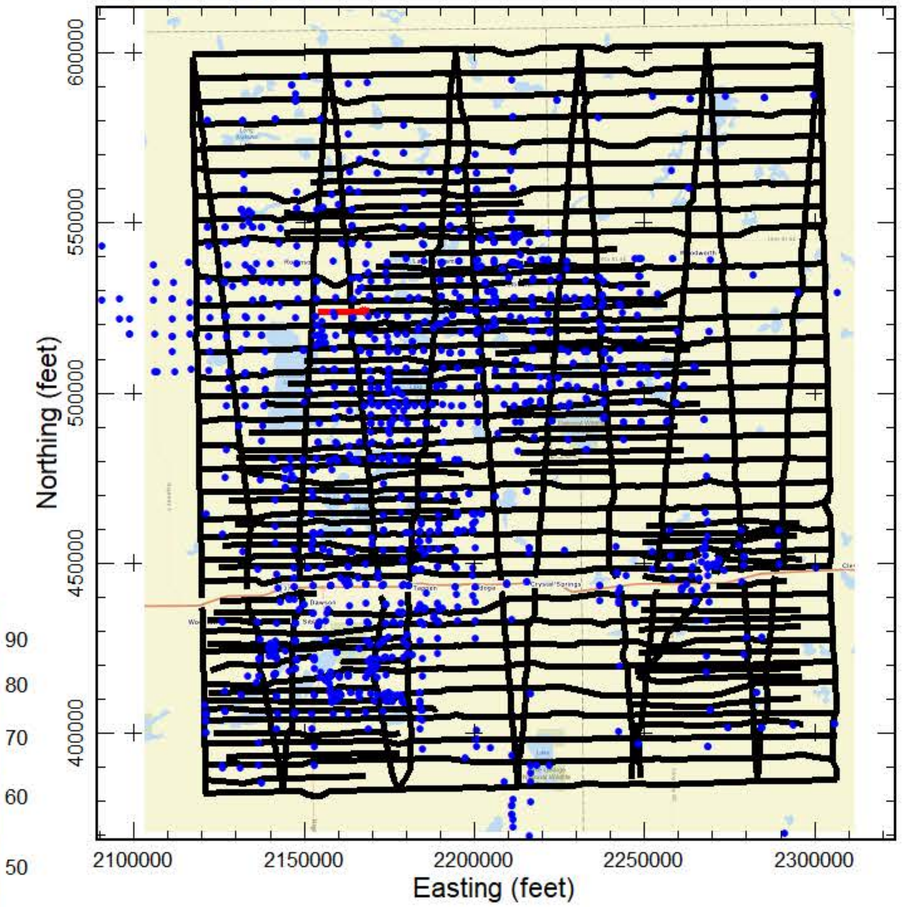
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

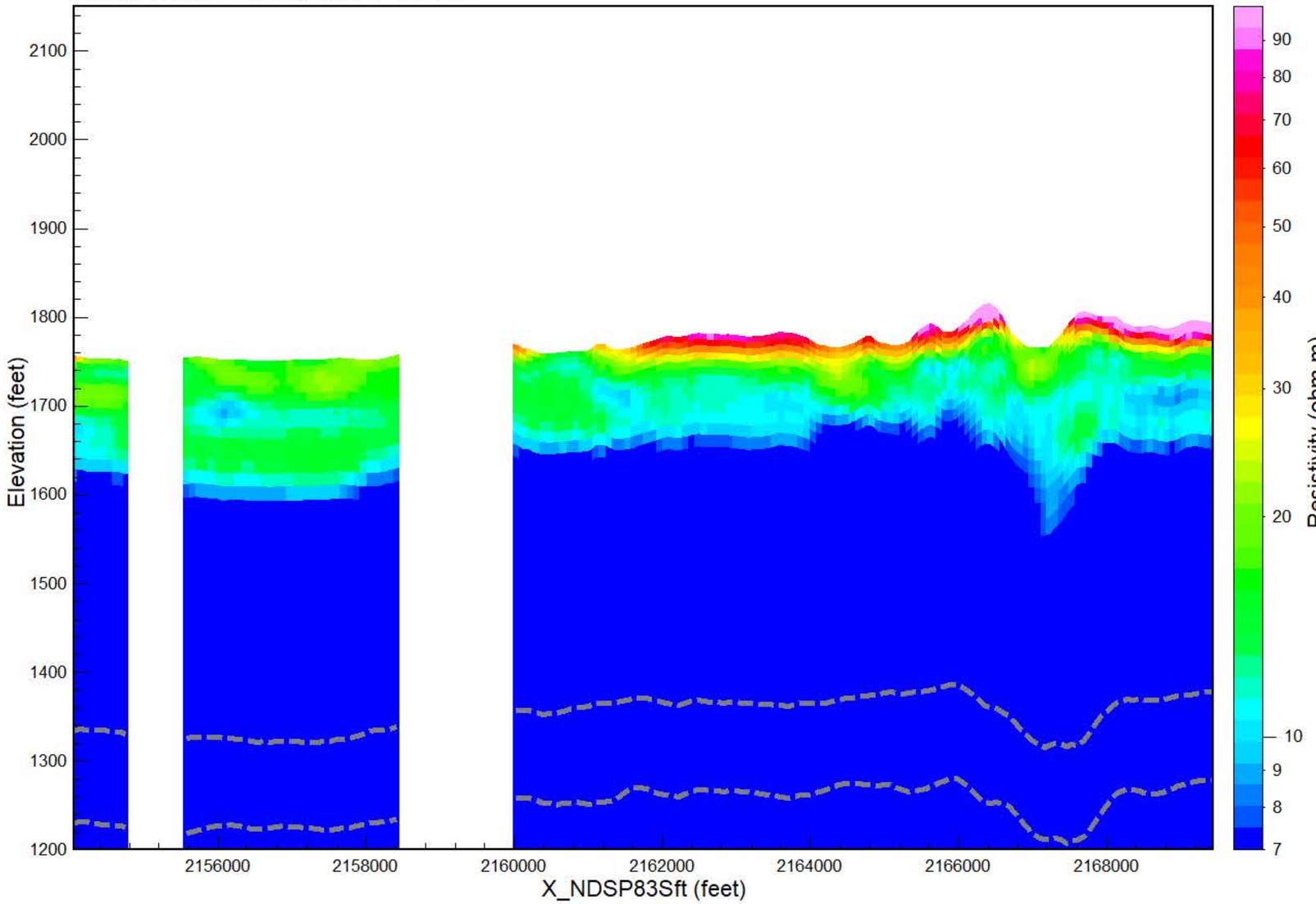
Flight Location Line L800010



AEM Survey Area 1



Final SCI Resistivity Line L800010



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

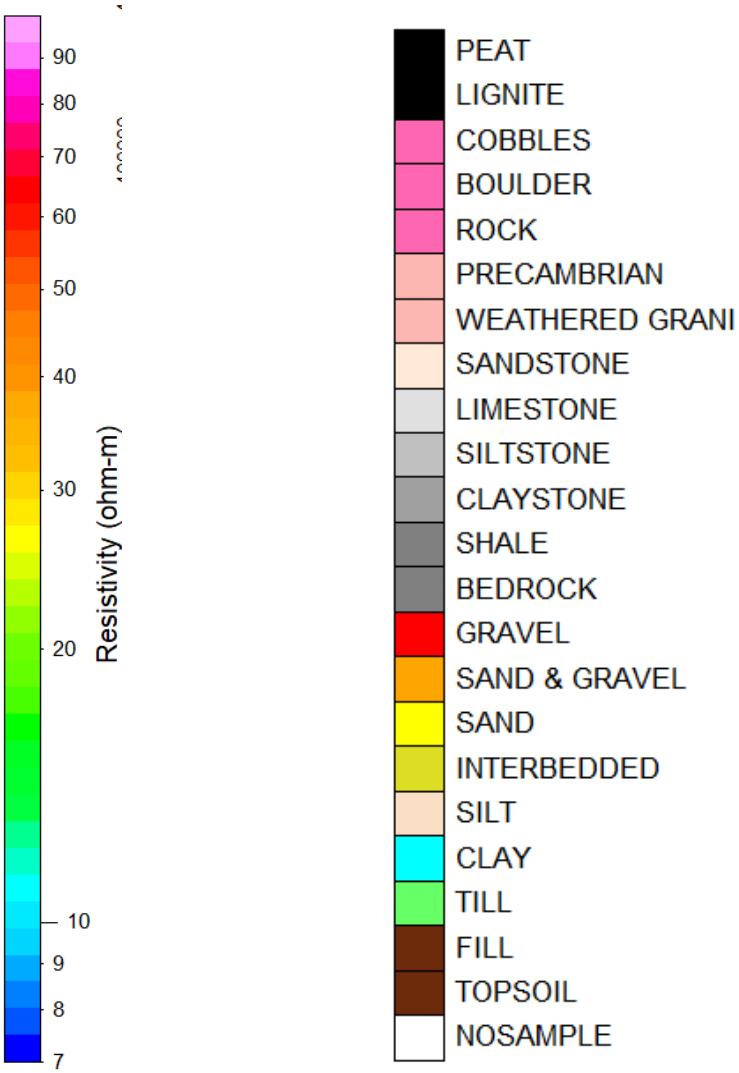
Area 1 - Appendix 1B:

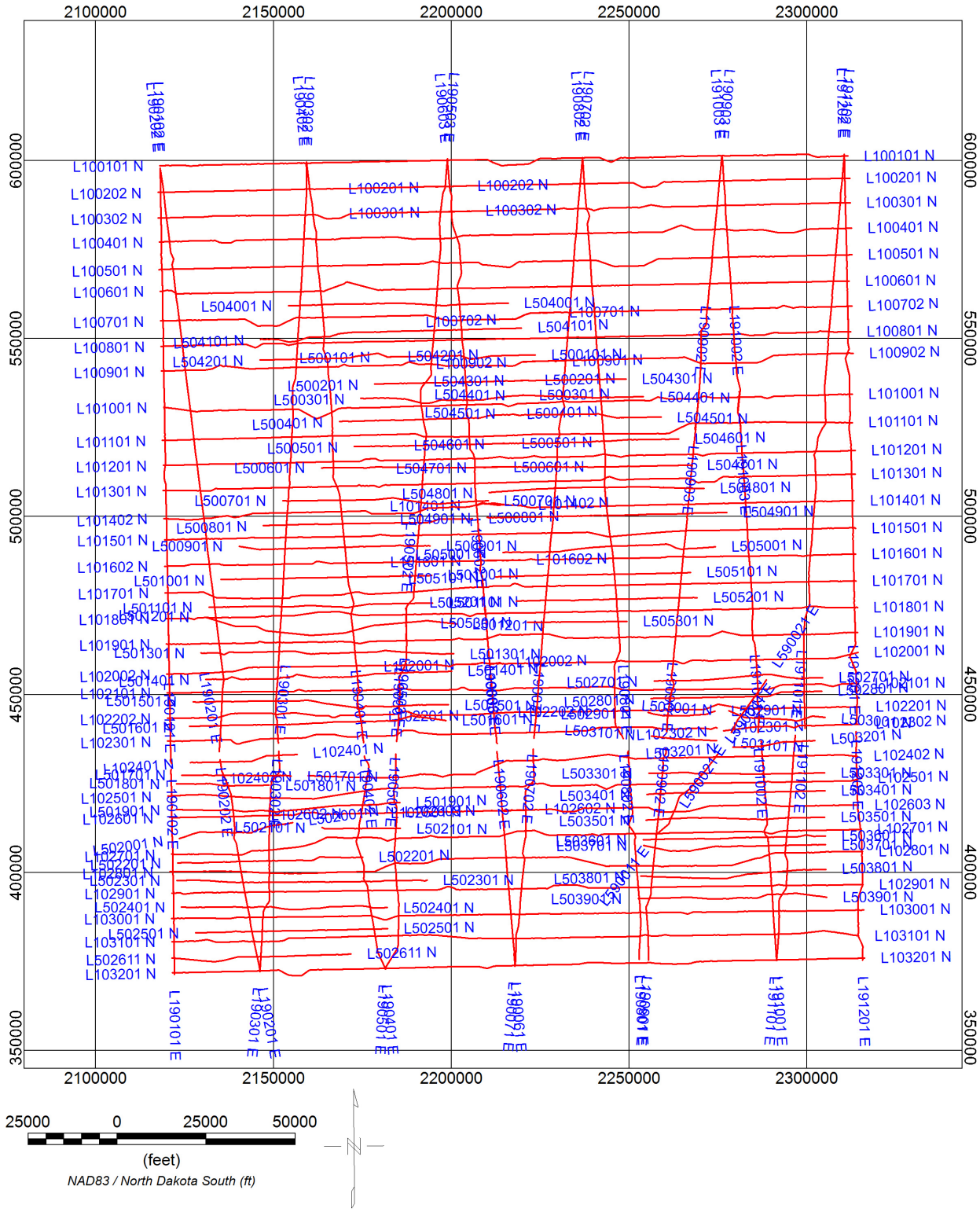
2D Profiles – ND 2024 Area 1 Inverted AEM Resistivity – Boreholes Within 1000 ft

Pages: Area1 -A1B-3 –Area 1 -A1B-130

This document contains 2D Profiles of the 2024 North Dakota Area 1 AEM survey showing boreholes when they are within 1000 ft.

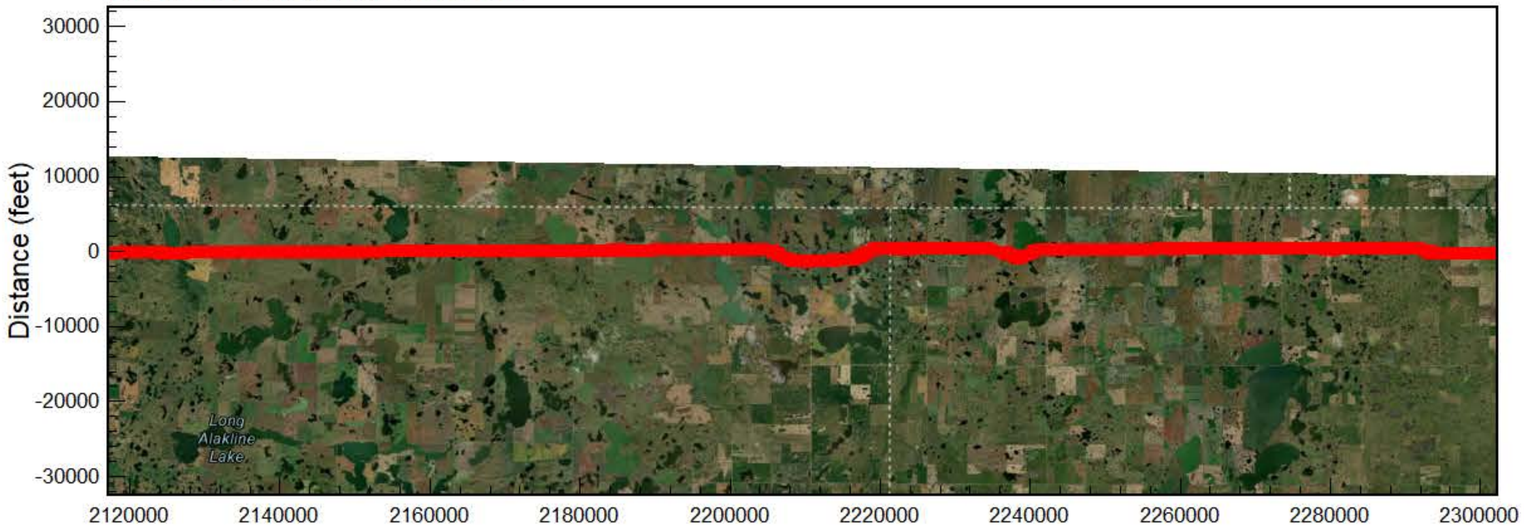
Each page has a flight line map at the top right and a flight line location view above an inverted resistivity profile. The lithology legend applies to the boreholes.



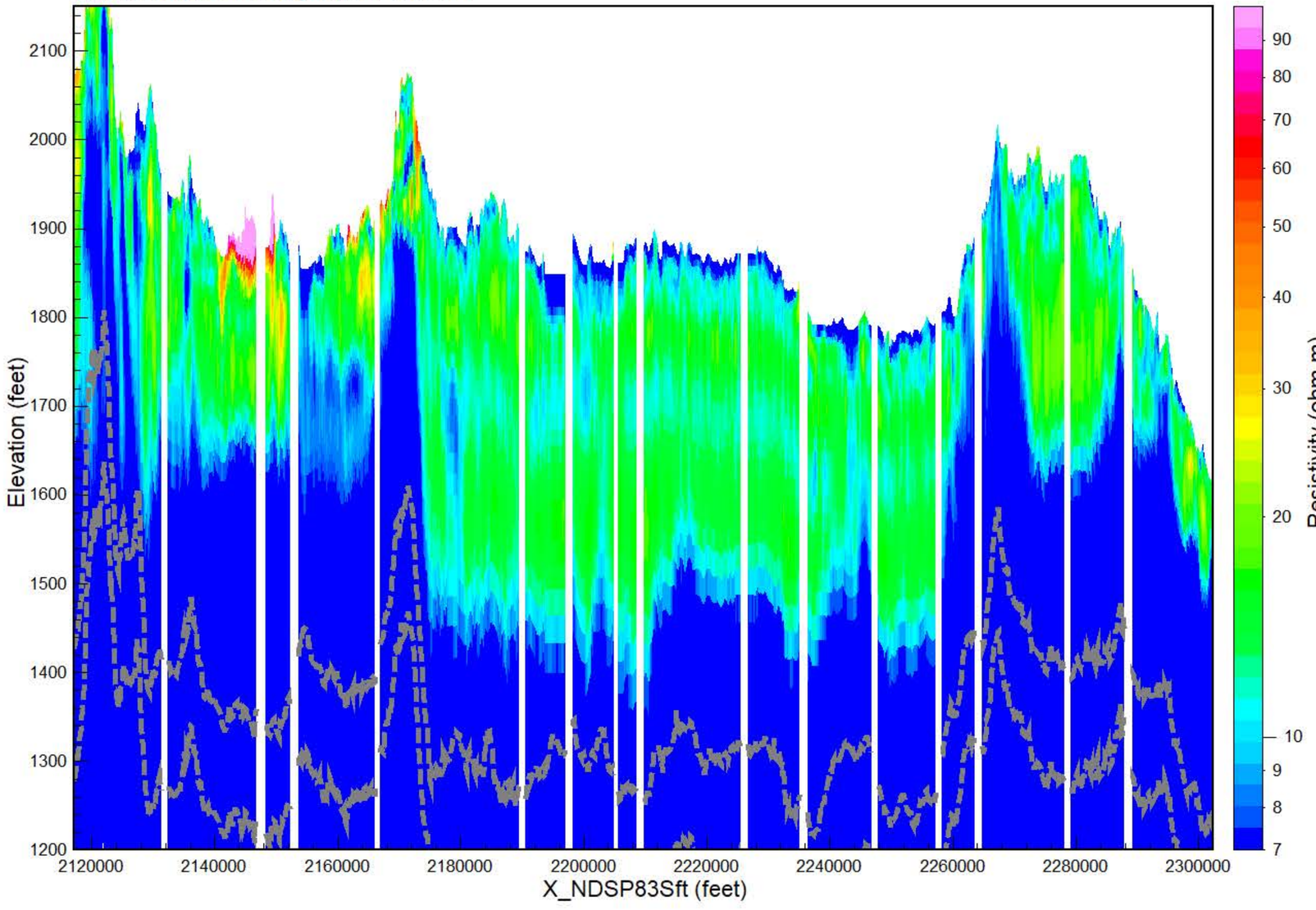


ND 2024 Area 1 Labeled Flight Lines

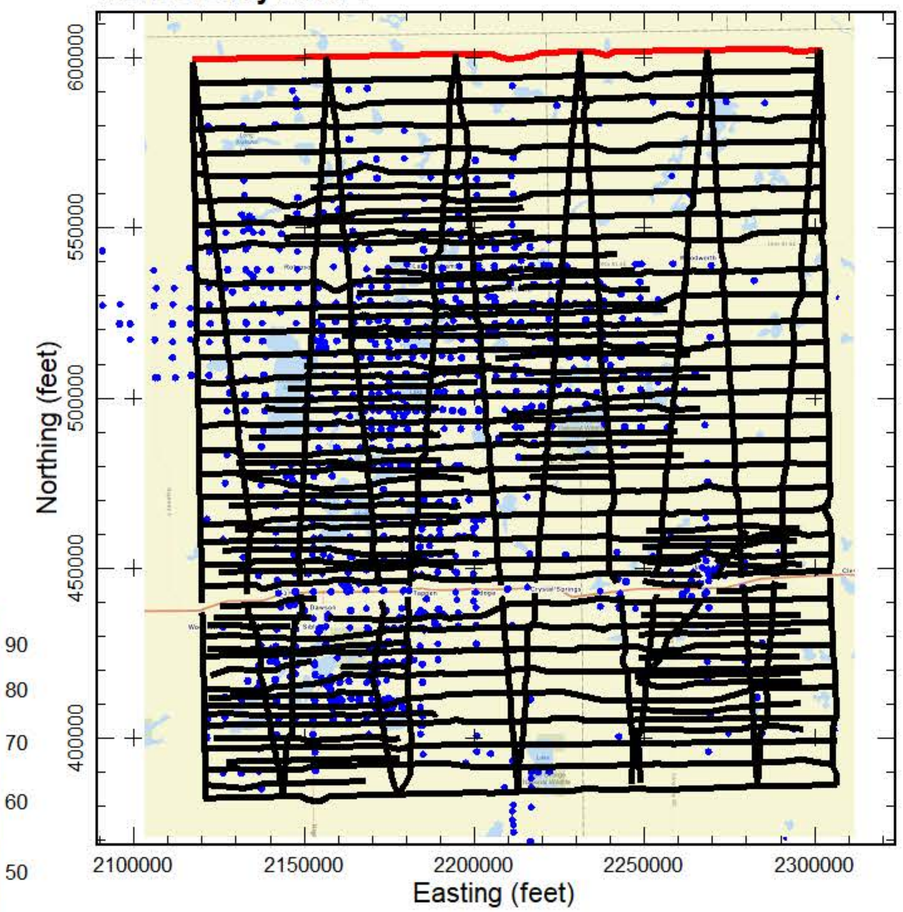
Flight Location Line L100101



Final SCI Resistivity Line L100101



AEM Survey Area 1

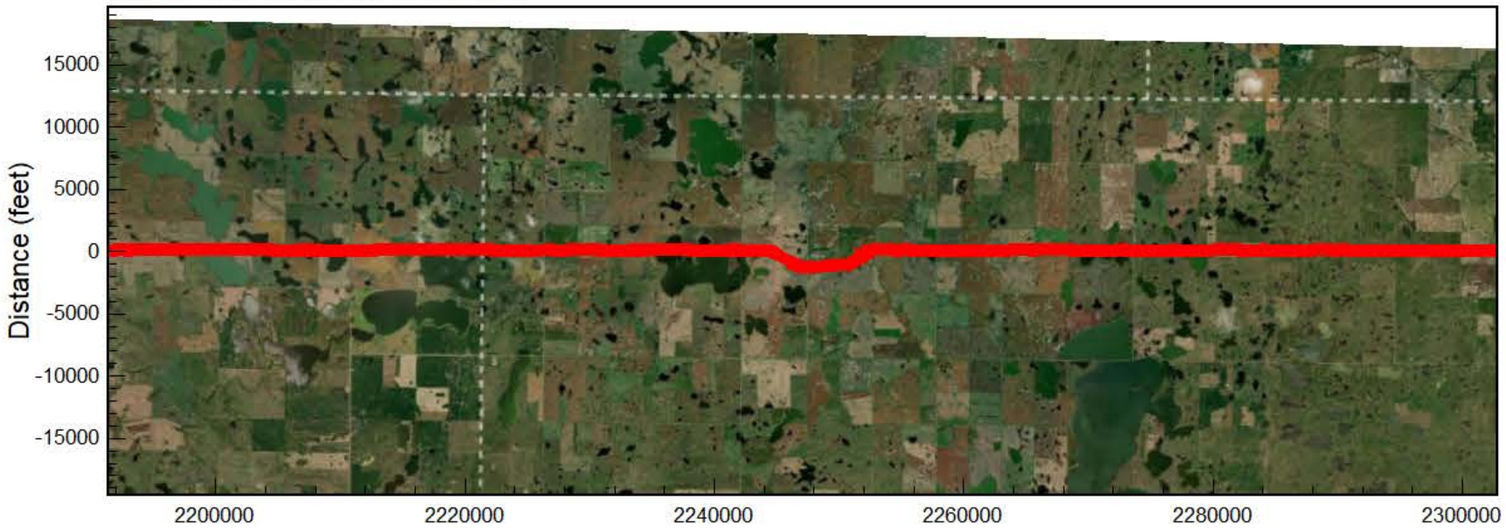


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

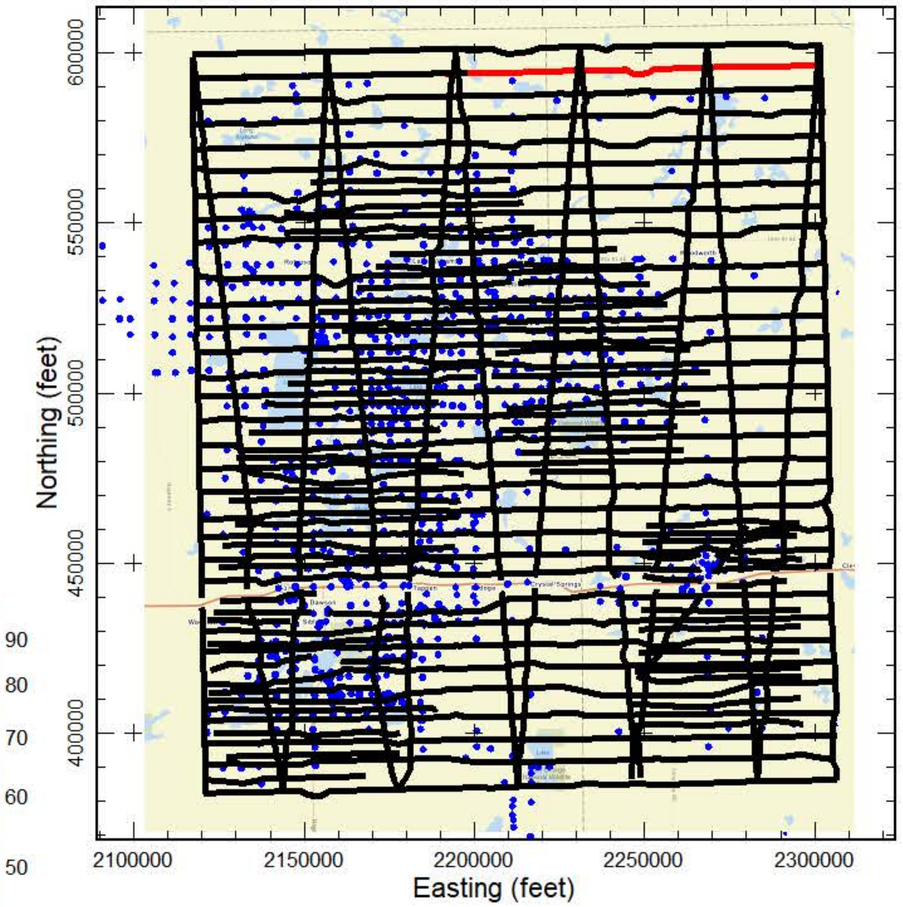
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

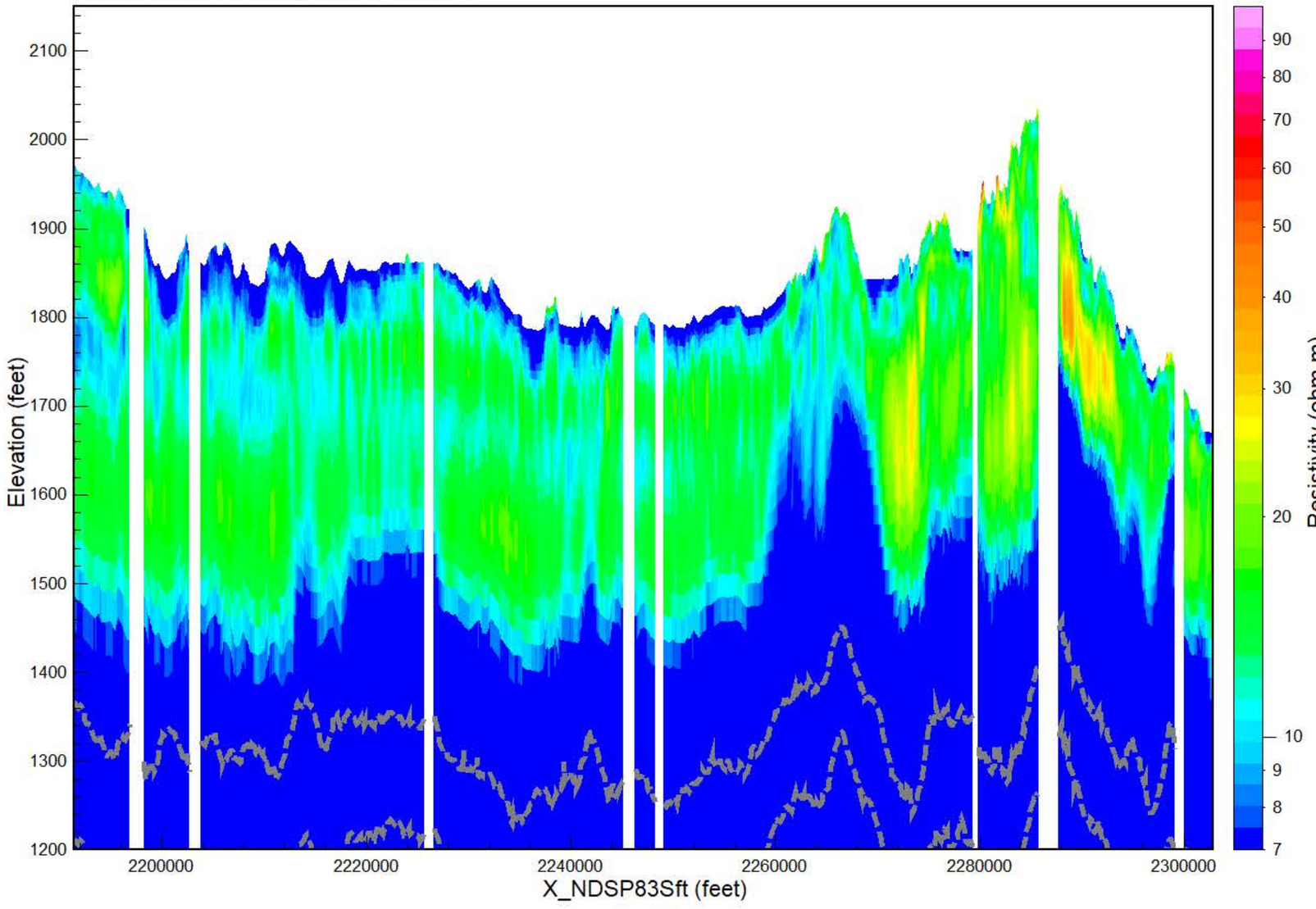
Flight Location Line L100201



AEM Survey Area 1



Final SCI Resistivity Line L100201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

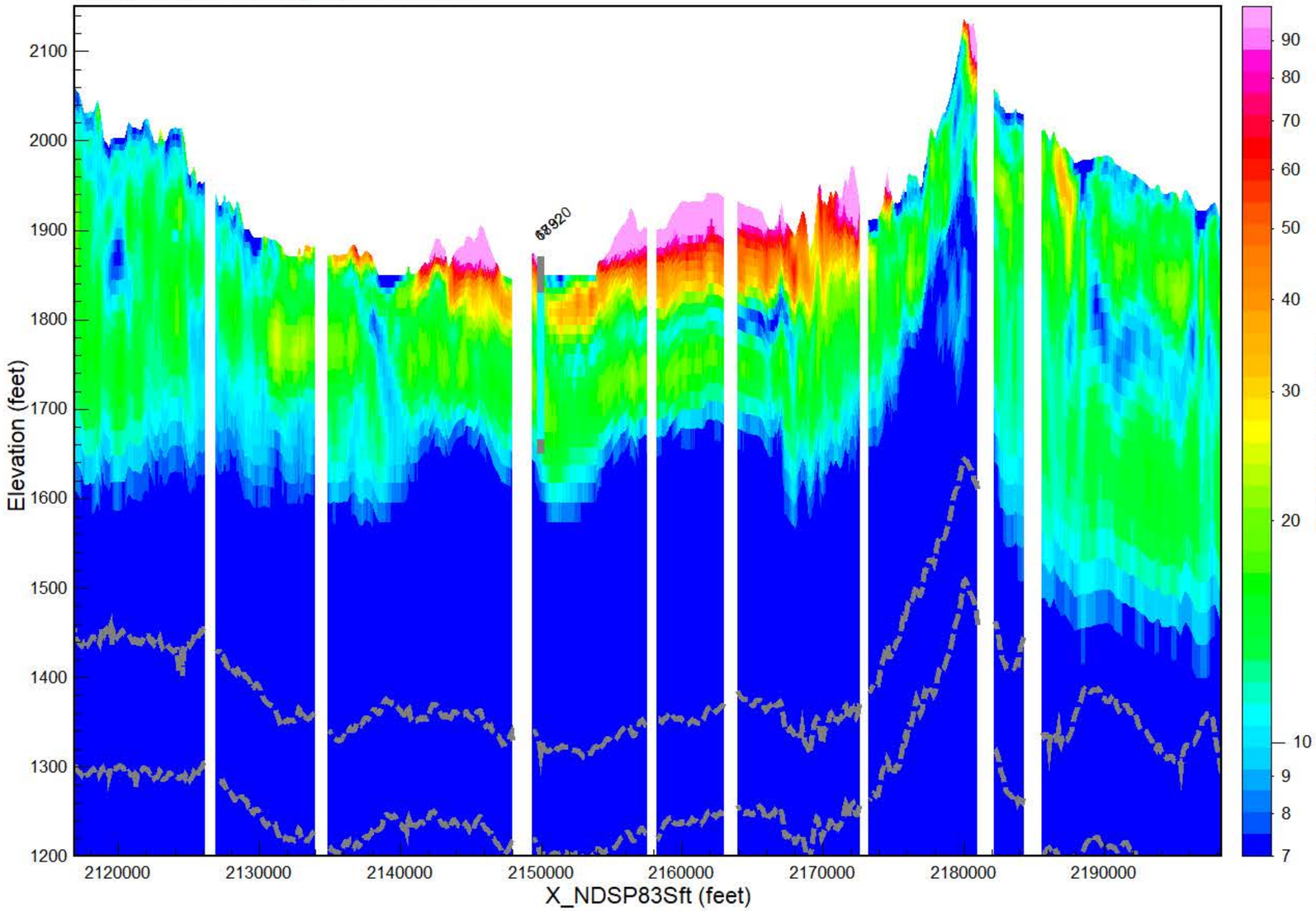
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

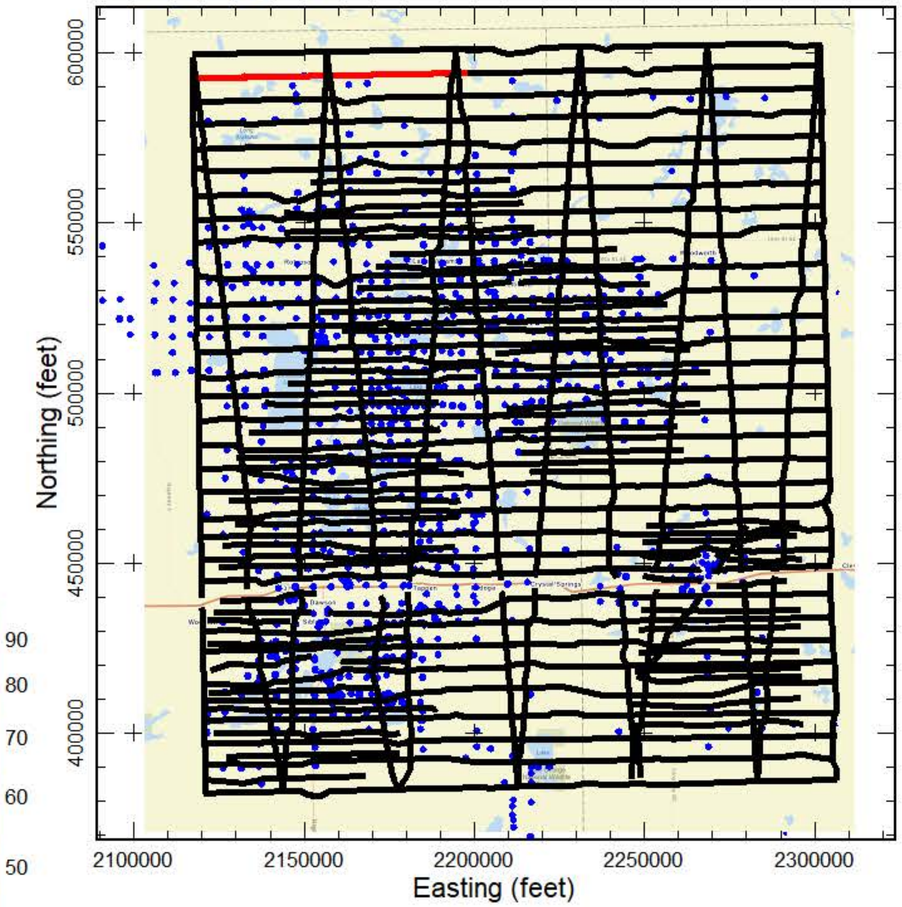
Flight Location Line L100202



Final SCI Resistivity Line L100202



AEM Survey Area 1

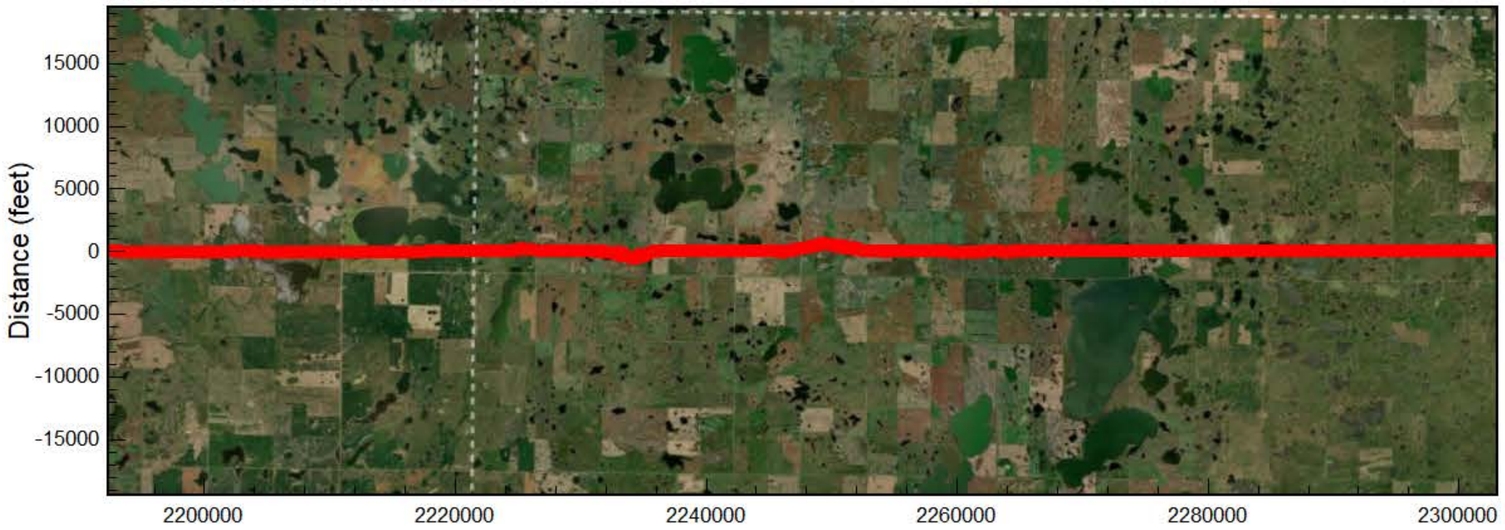


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

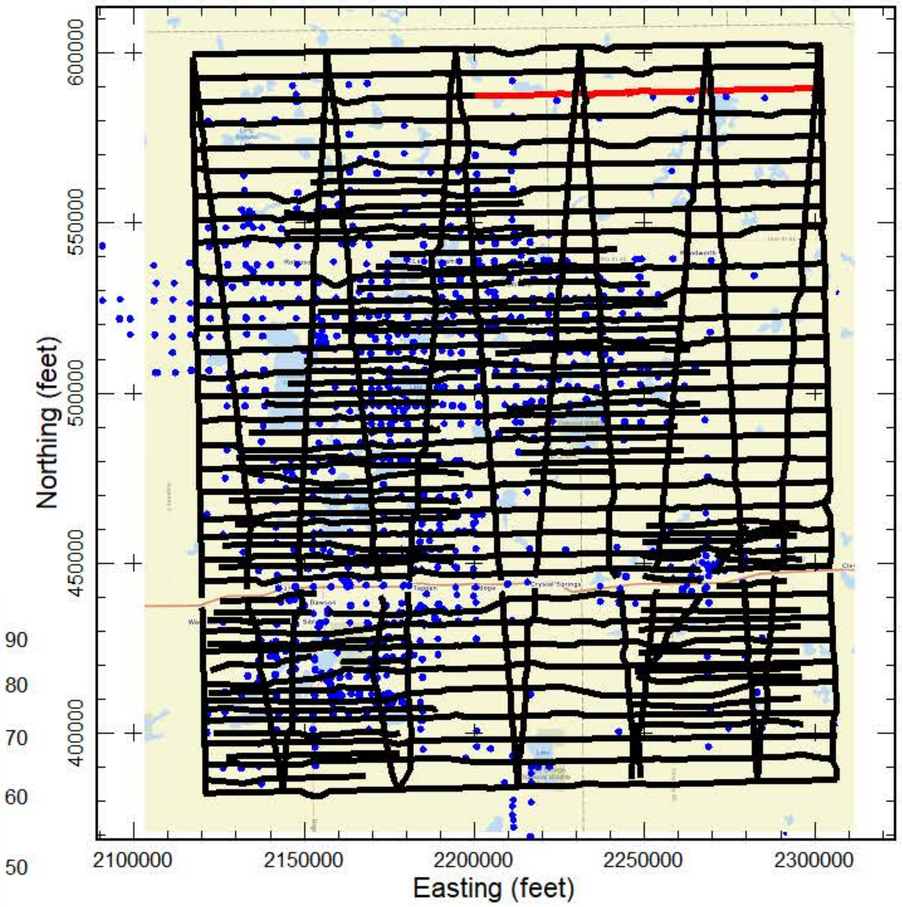
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

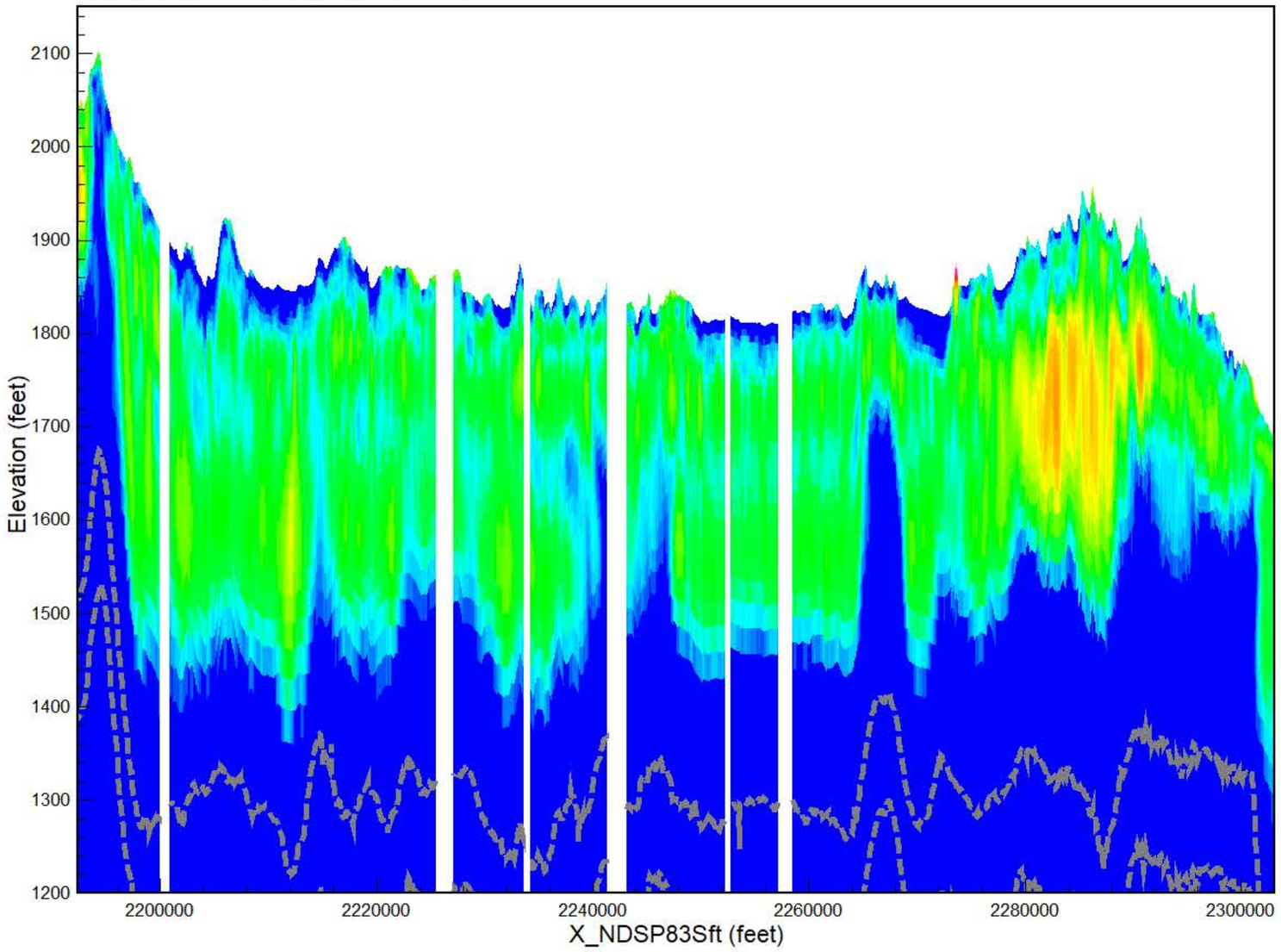
Flight Location Line L100301

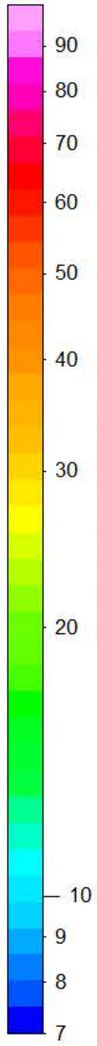


AEM Survey Area 1



Final SCI Resistivity Line L100301



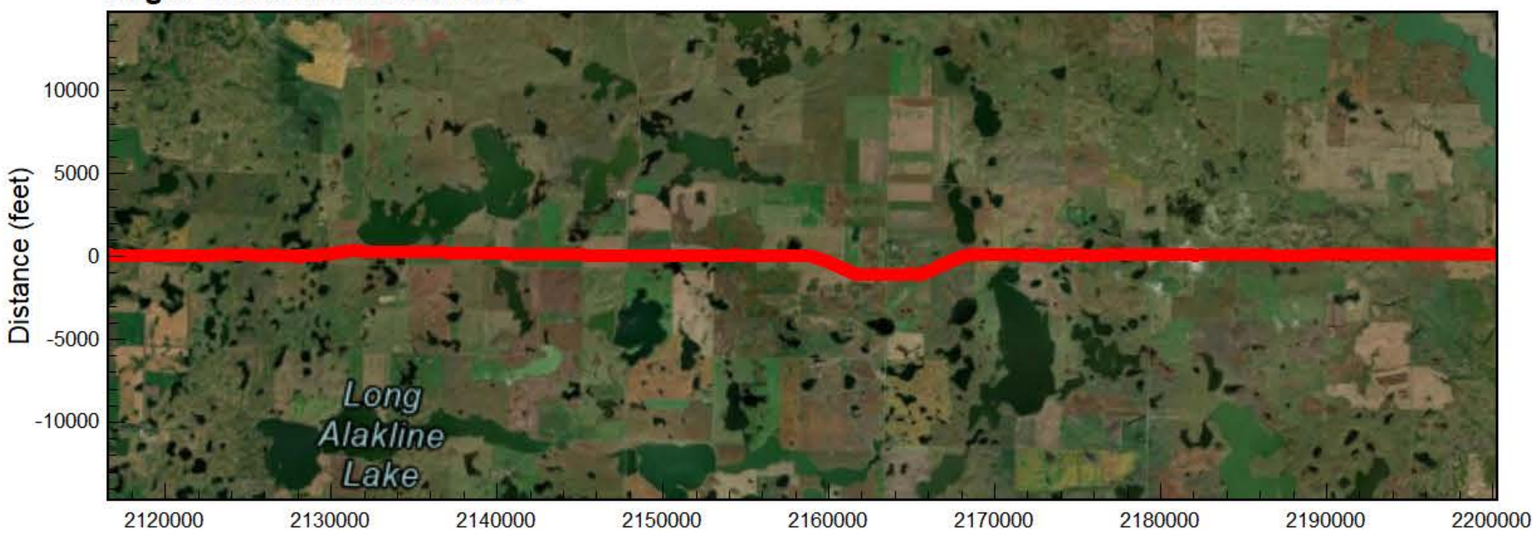


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

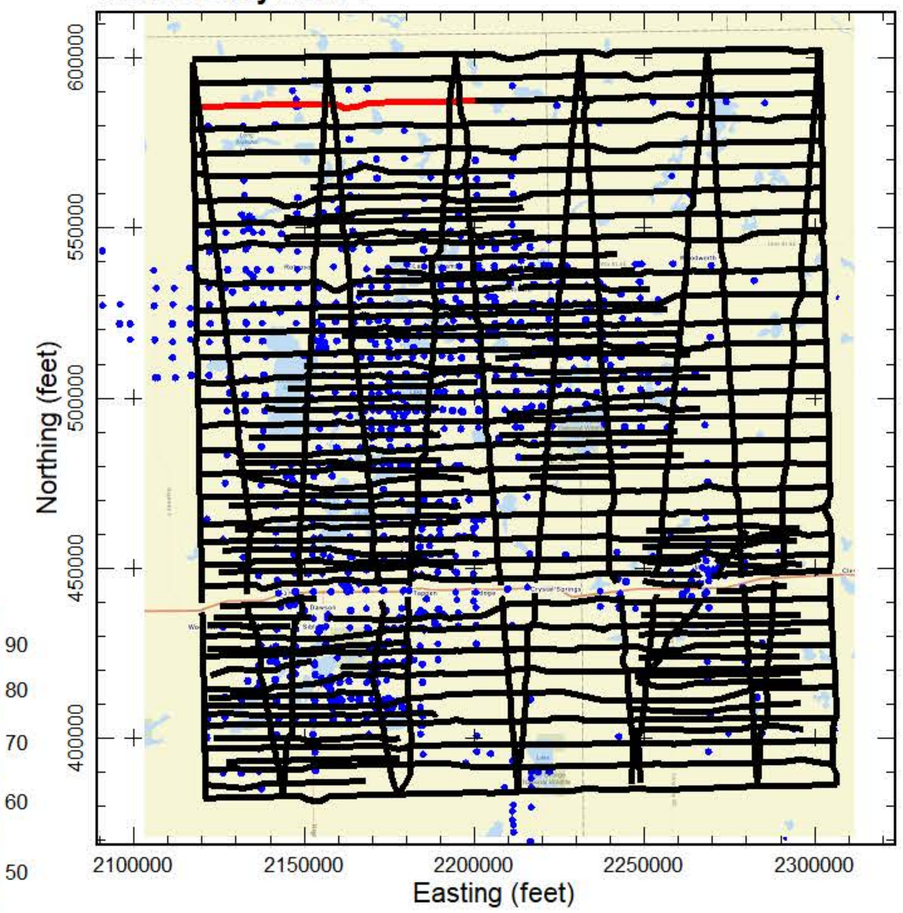
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

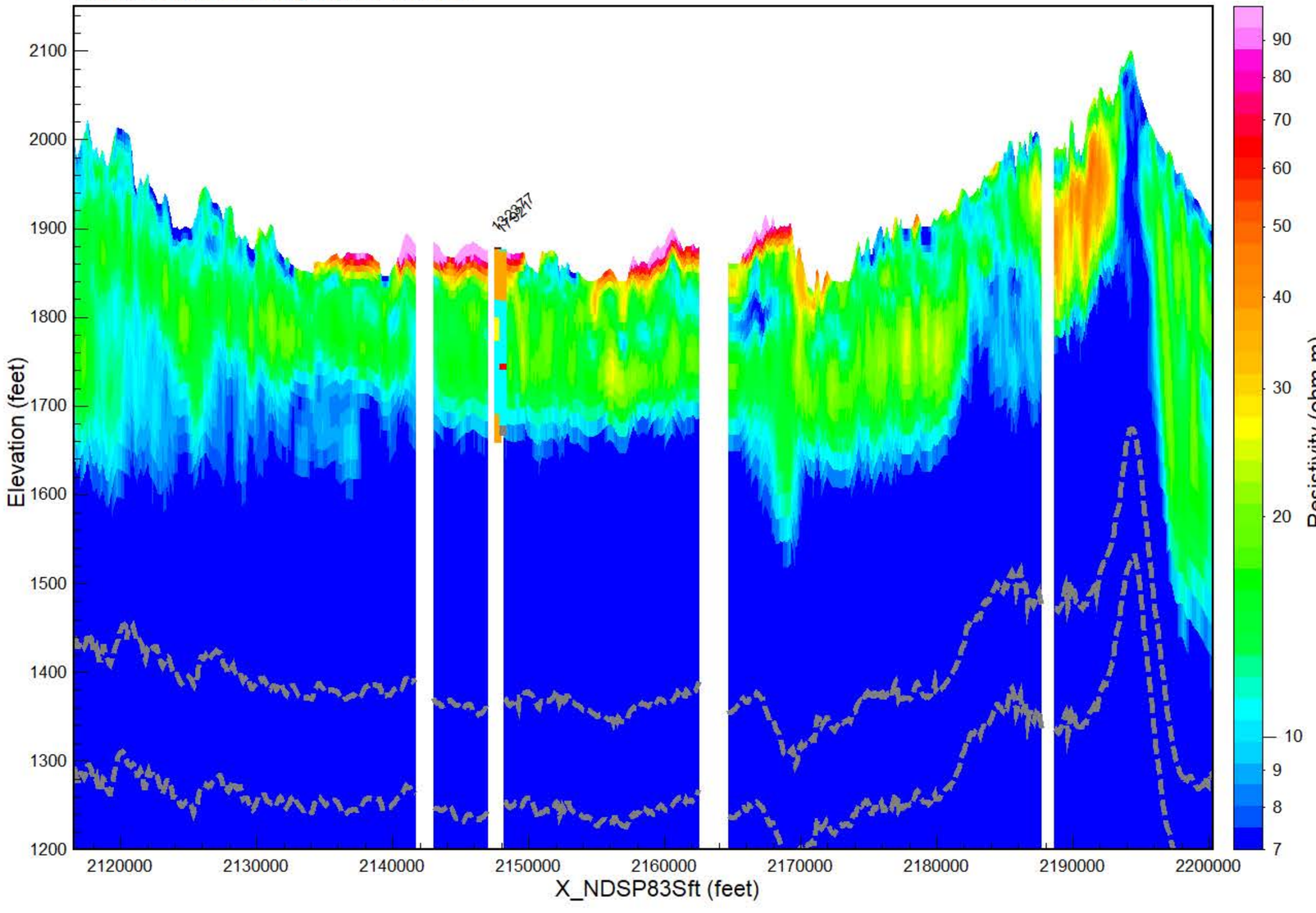
Flight Location Line L100302



AEM Survey Area 1



Final SCI Resistivity Line L100302

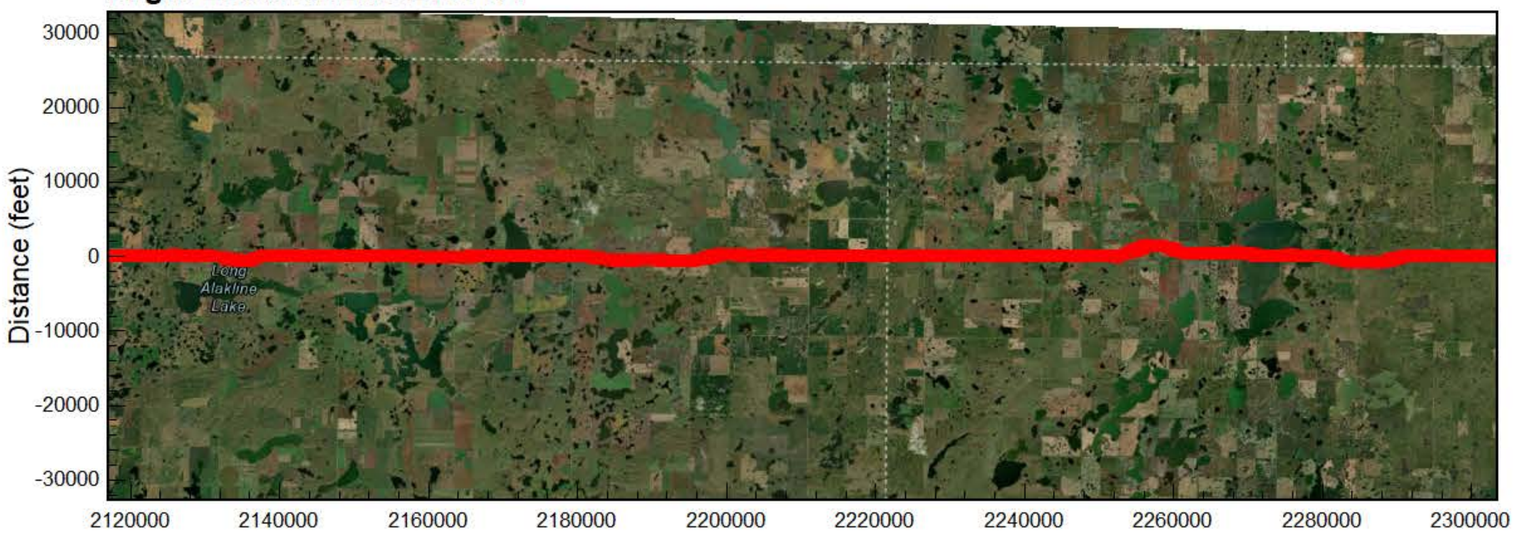


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

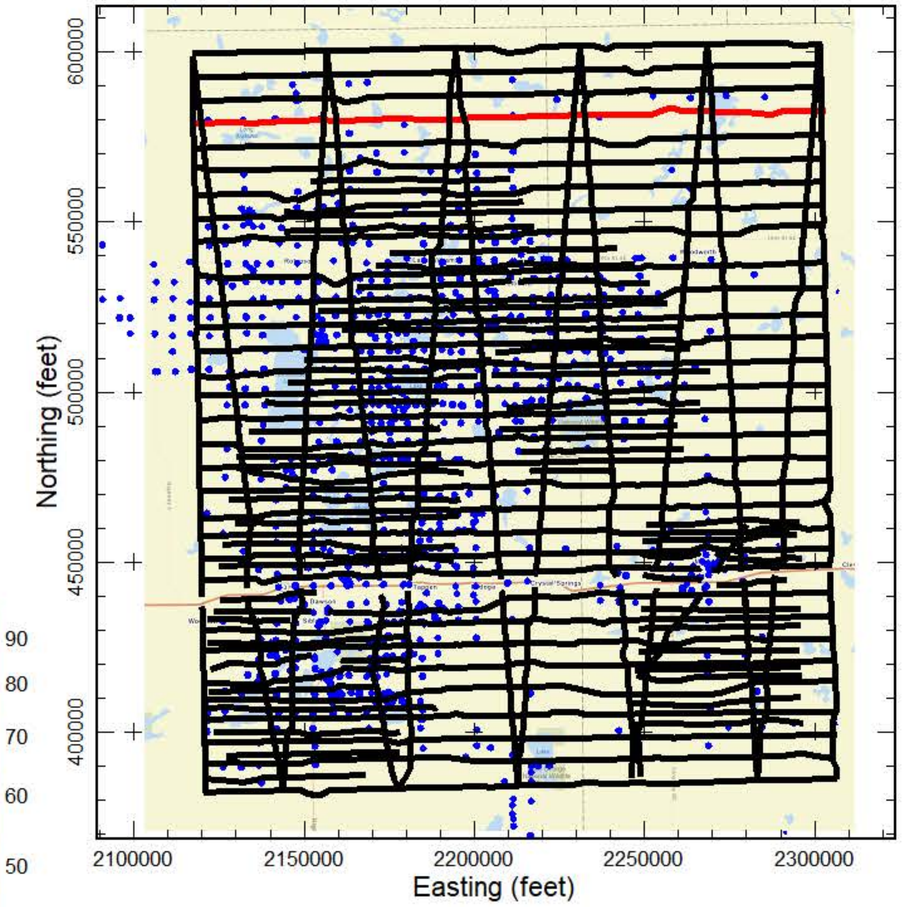
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

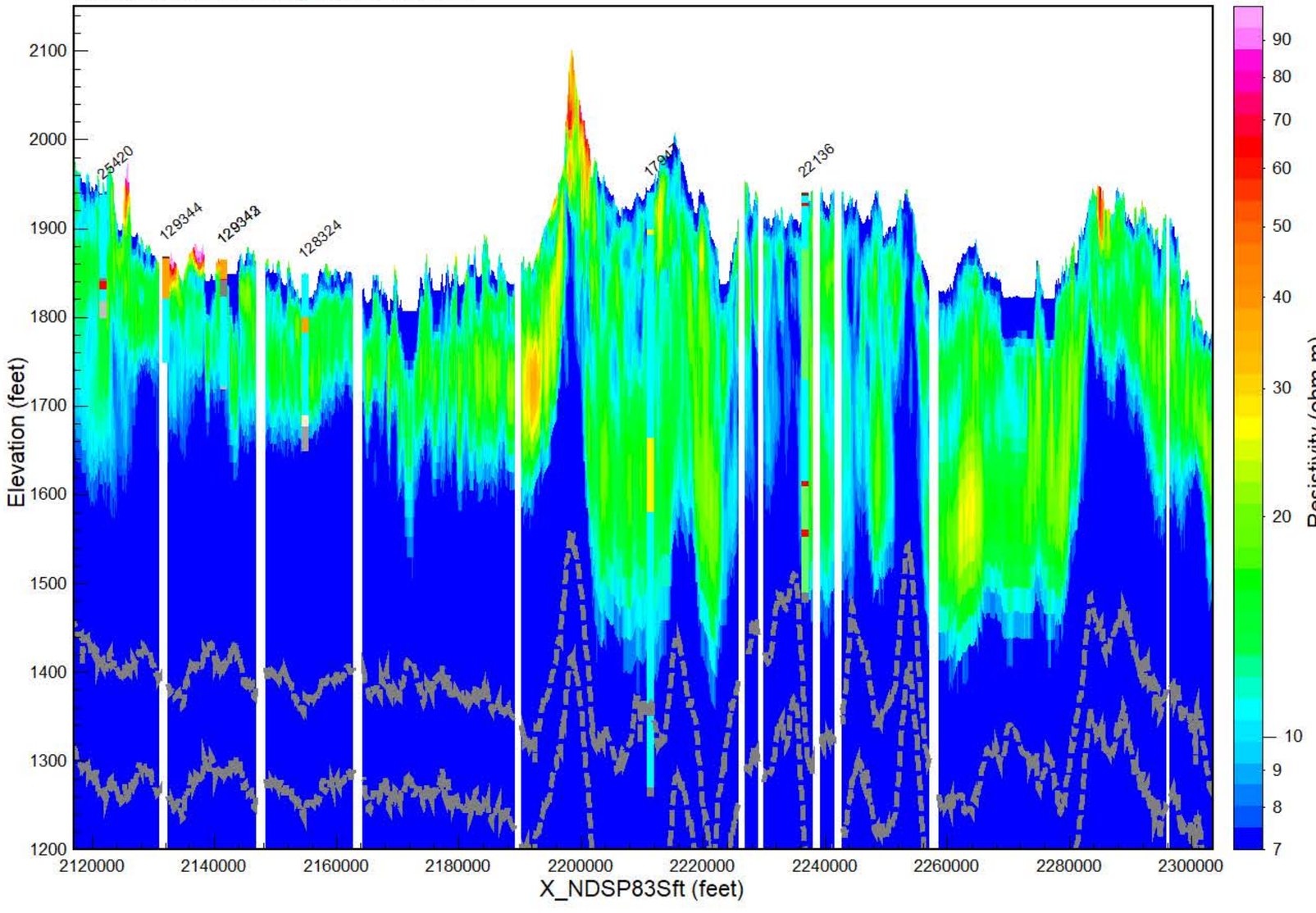
Flight Location Line L100401



AEM Survey Area 1



Final SCI Resistivity Line L100401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

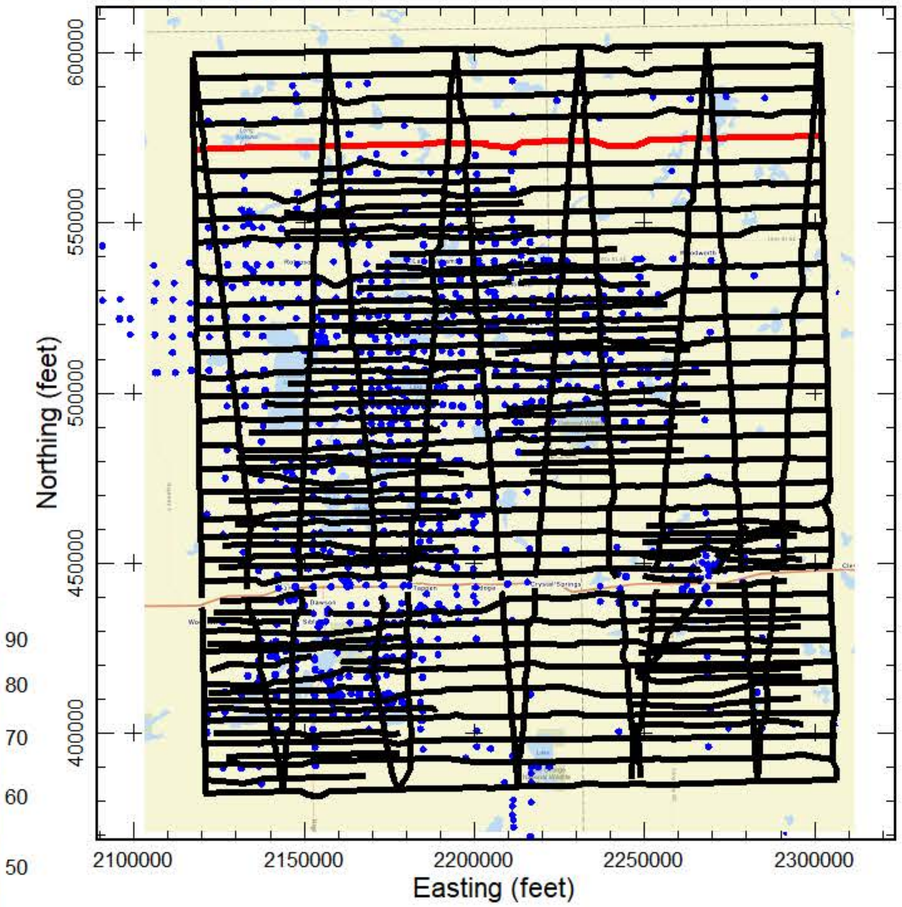
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

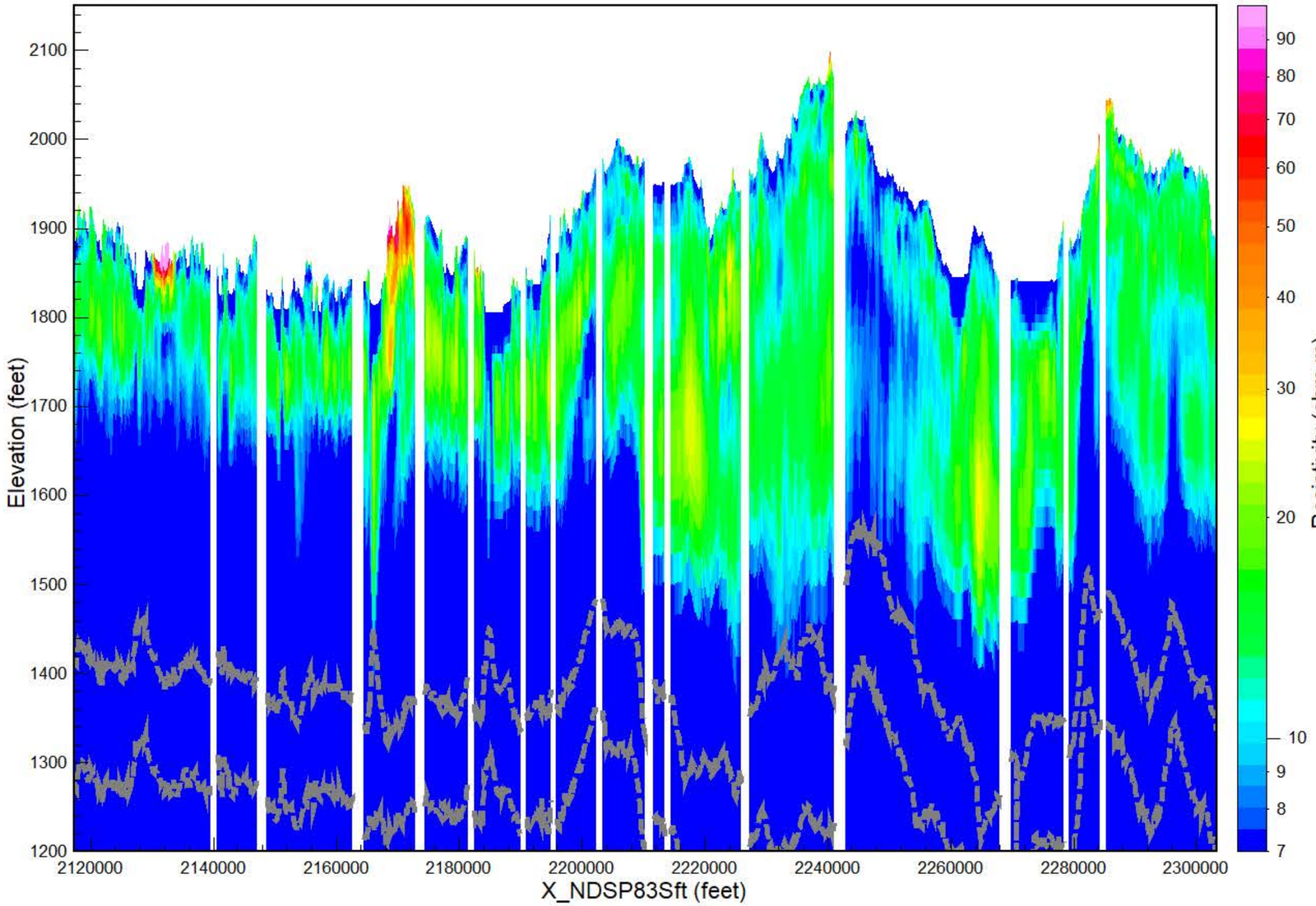
Flight Location Line L100501



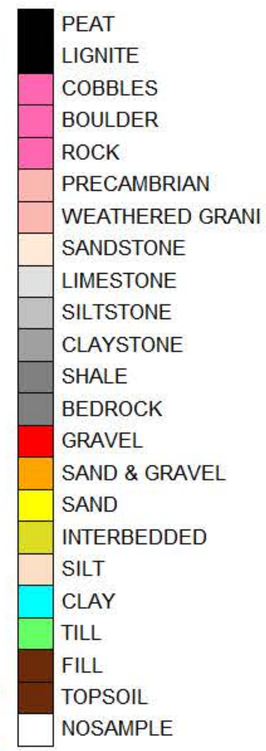
AEM Survey Area 1



Final SCI Resistivity Line L100501

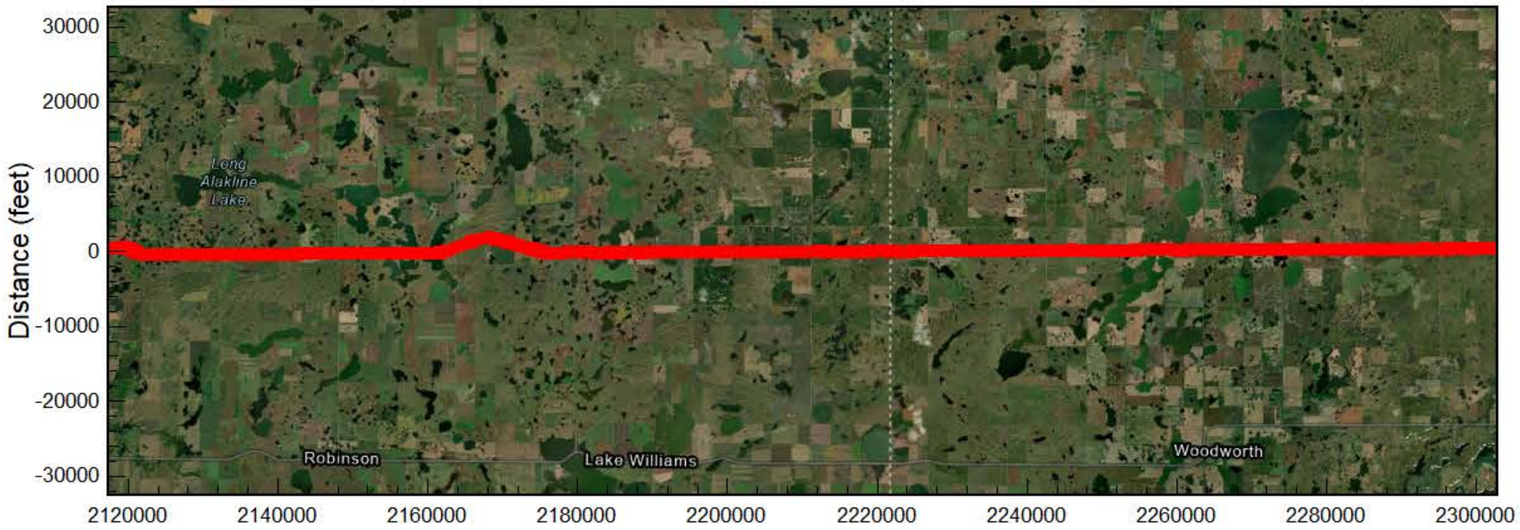


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

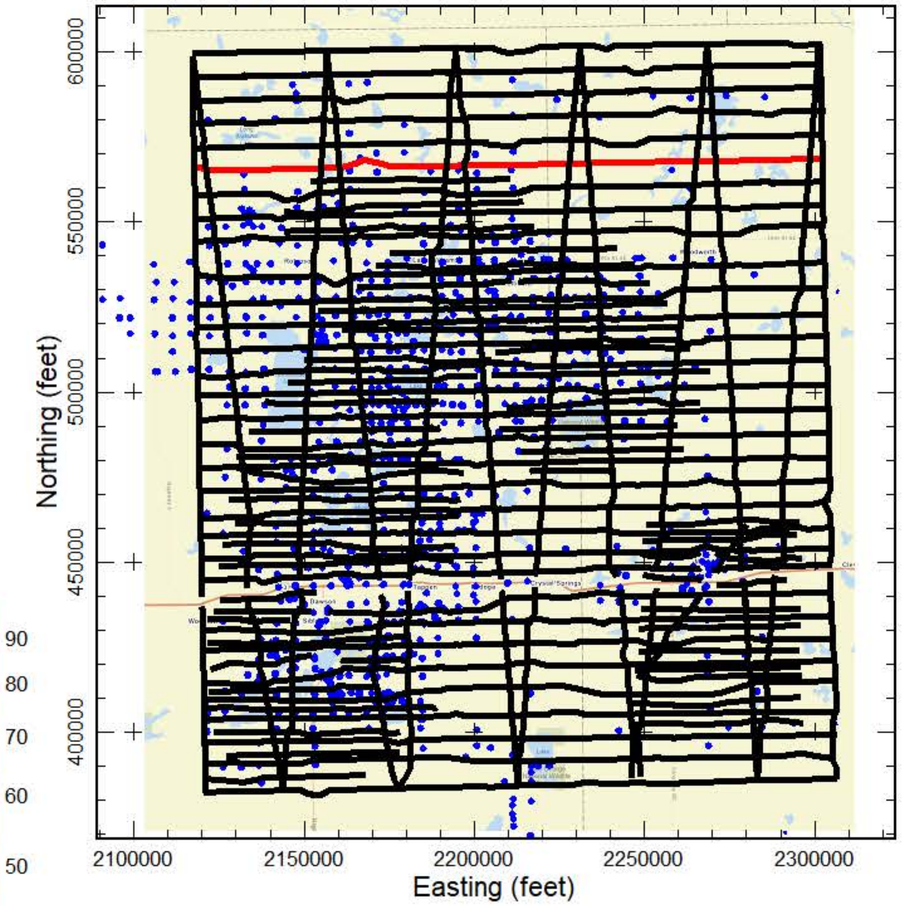


AGF
Aqua Geo Frameworks

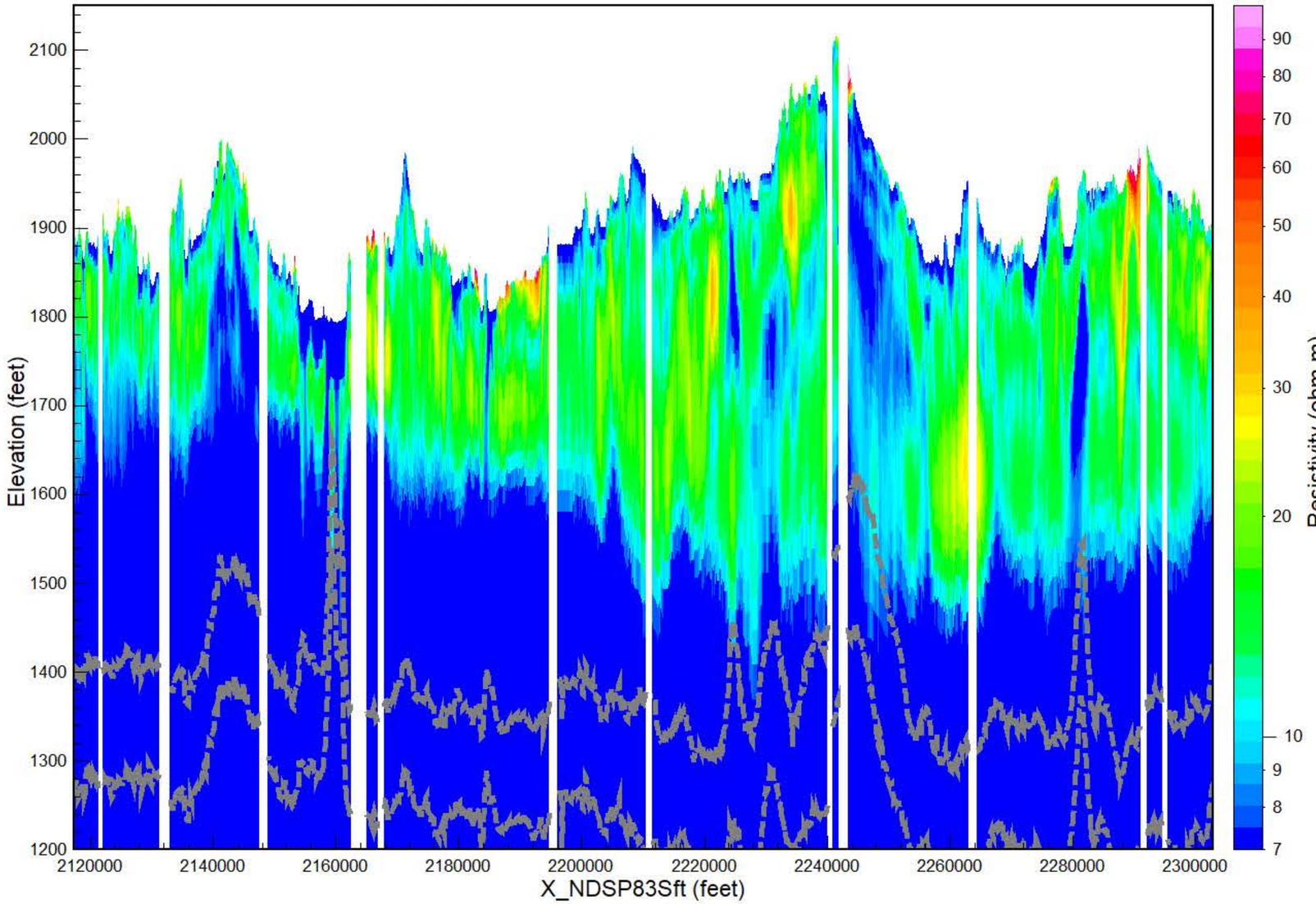
Flight Location Line L100601



AEM Survey Area 1



Final SCI Resistivity Line L100601

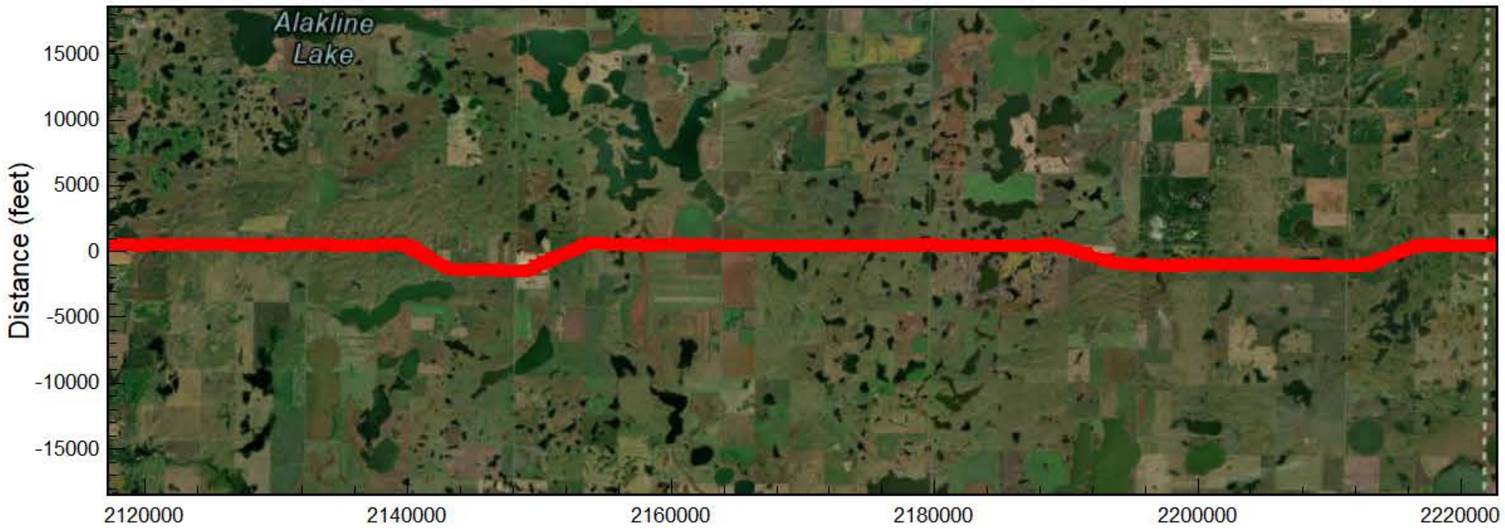


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

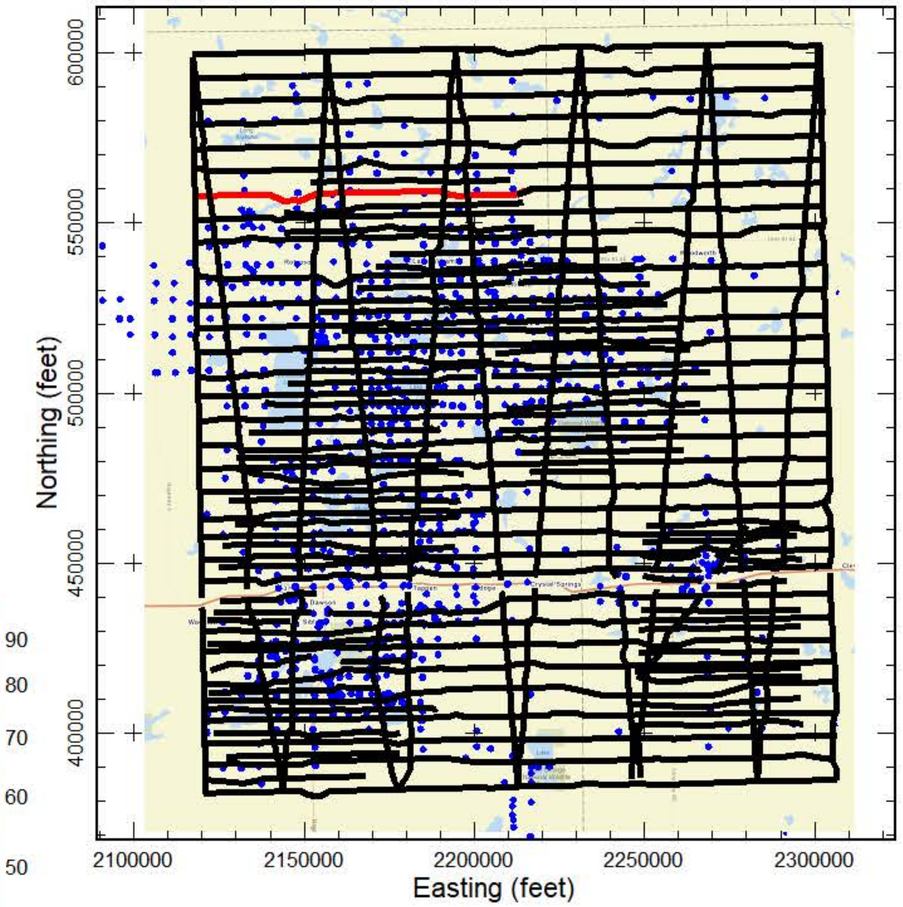
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

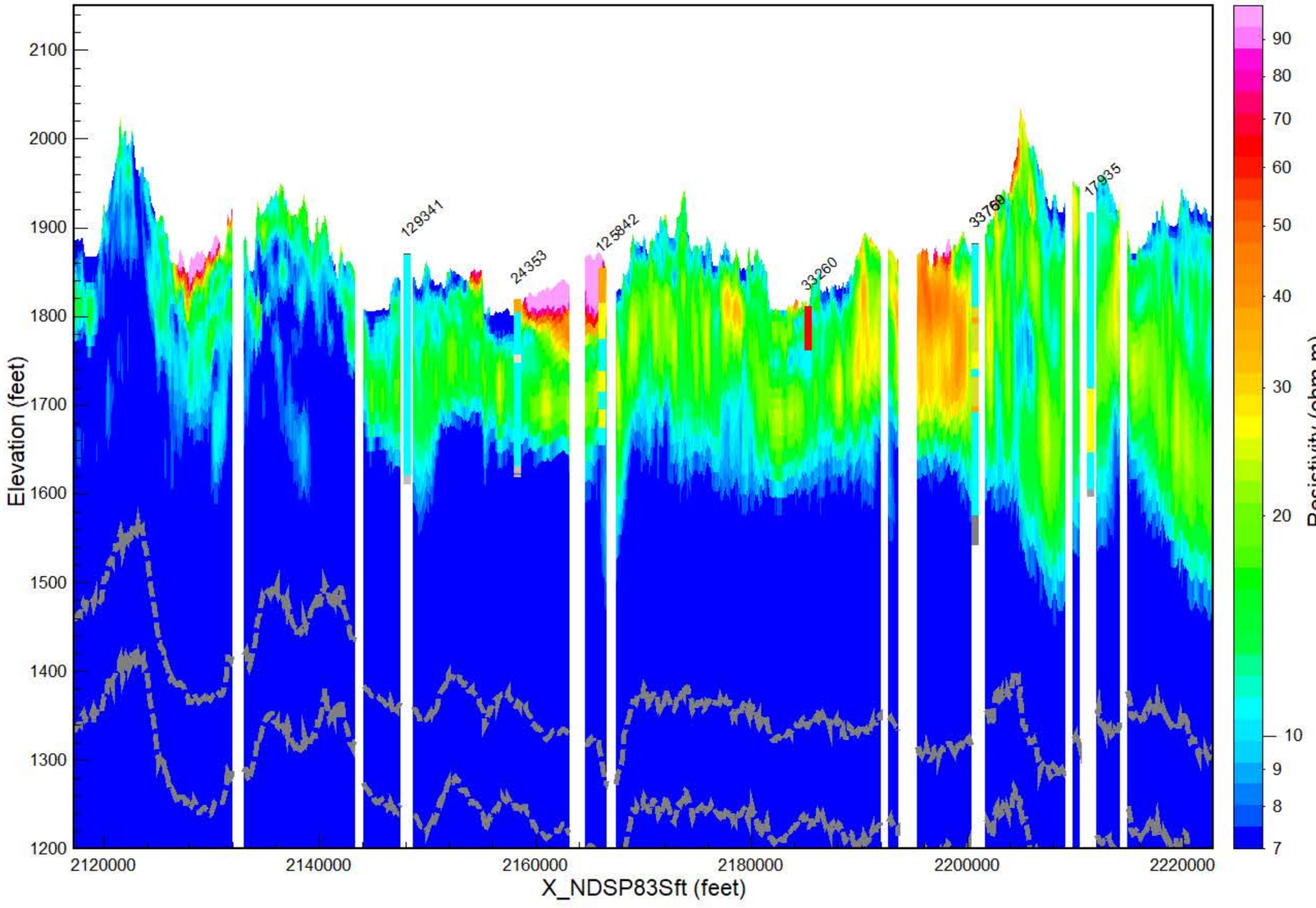
Flight Location Line L100701



AEM Survey Area 1



Final SCI Resistivity Line L100701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

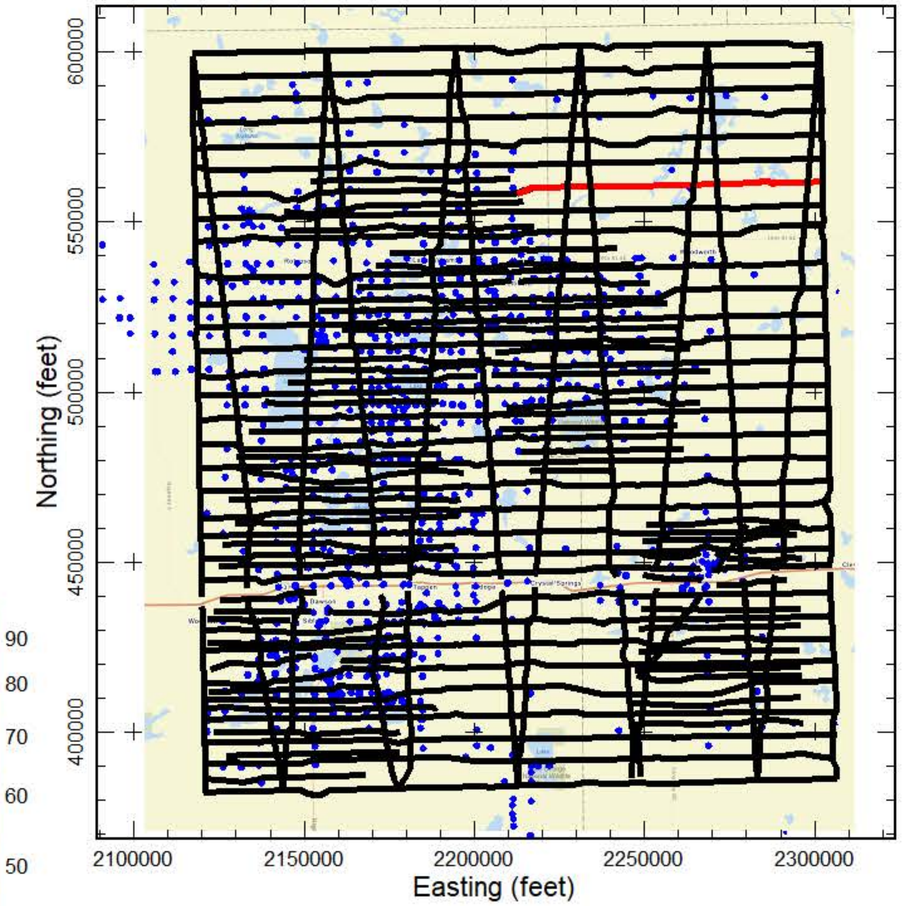
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

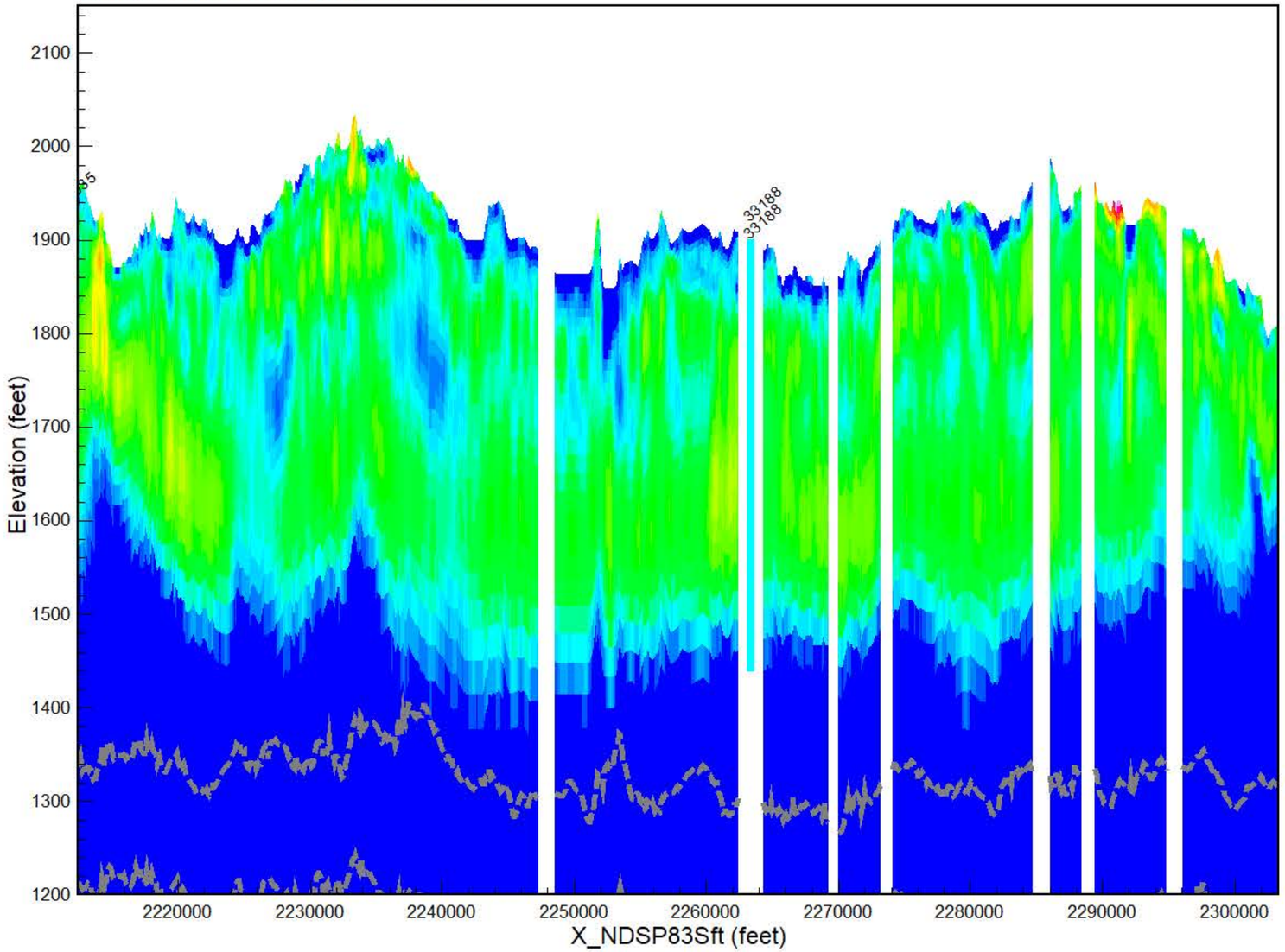
Flight Location Line L100702

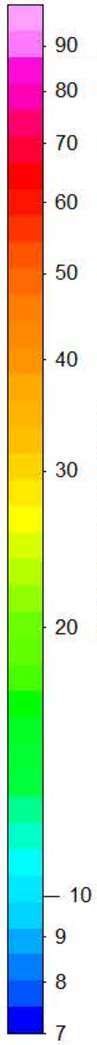


AEM Survey Area 1

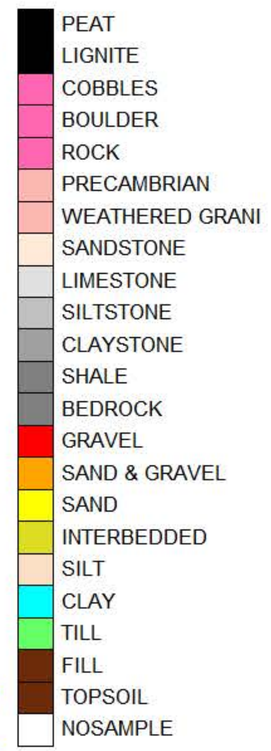


Final SCI Resistivity Line L100702



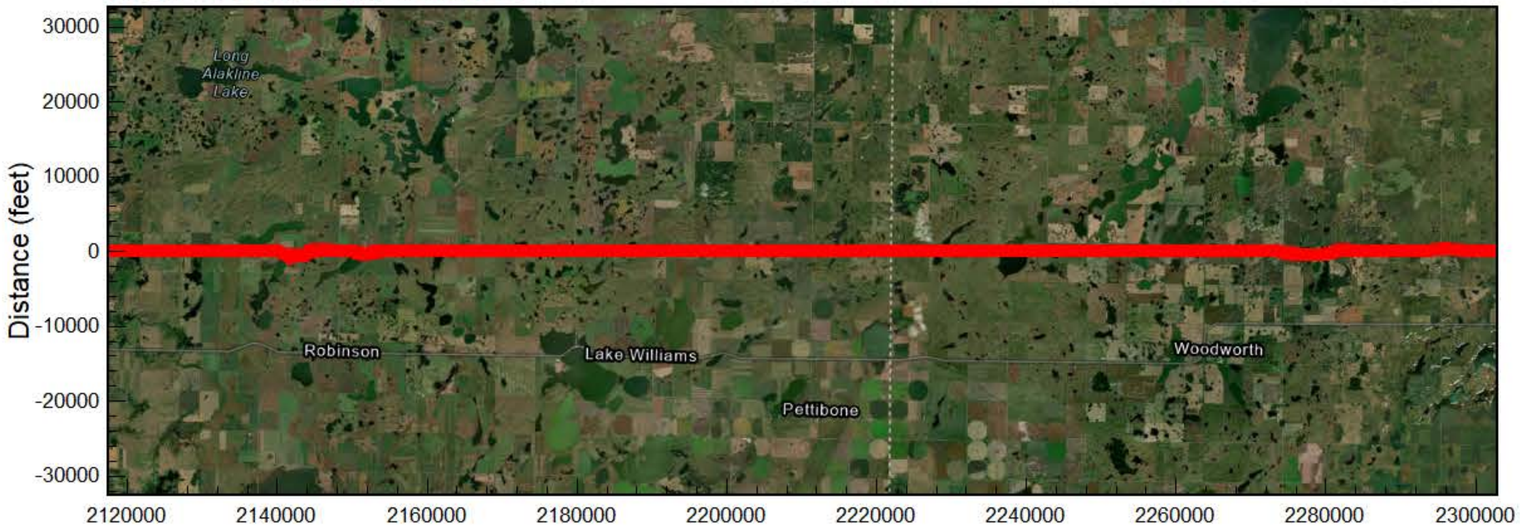


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

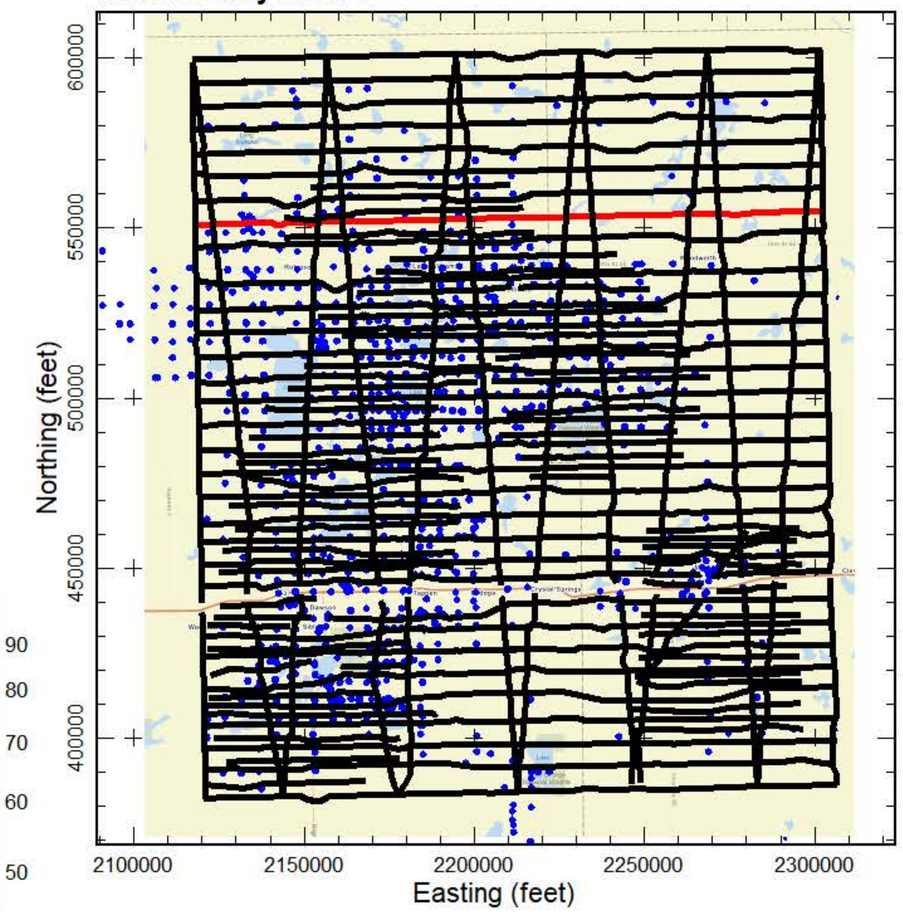


AGF
Aqua Geo Frameworks

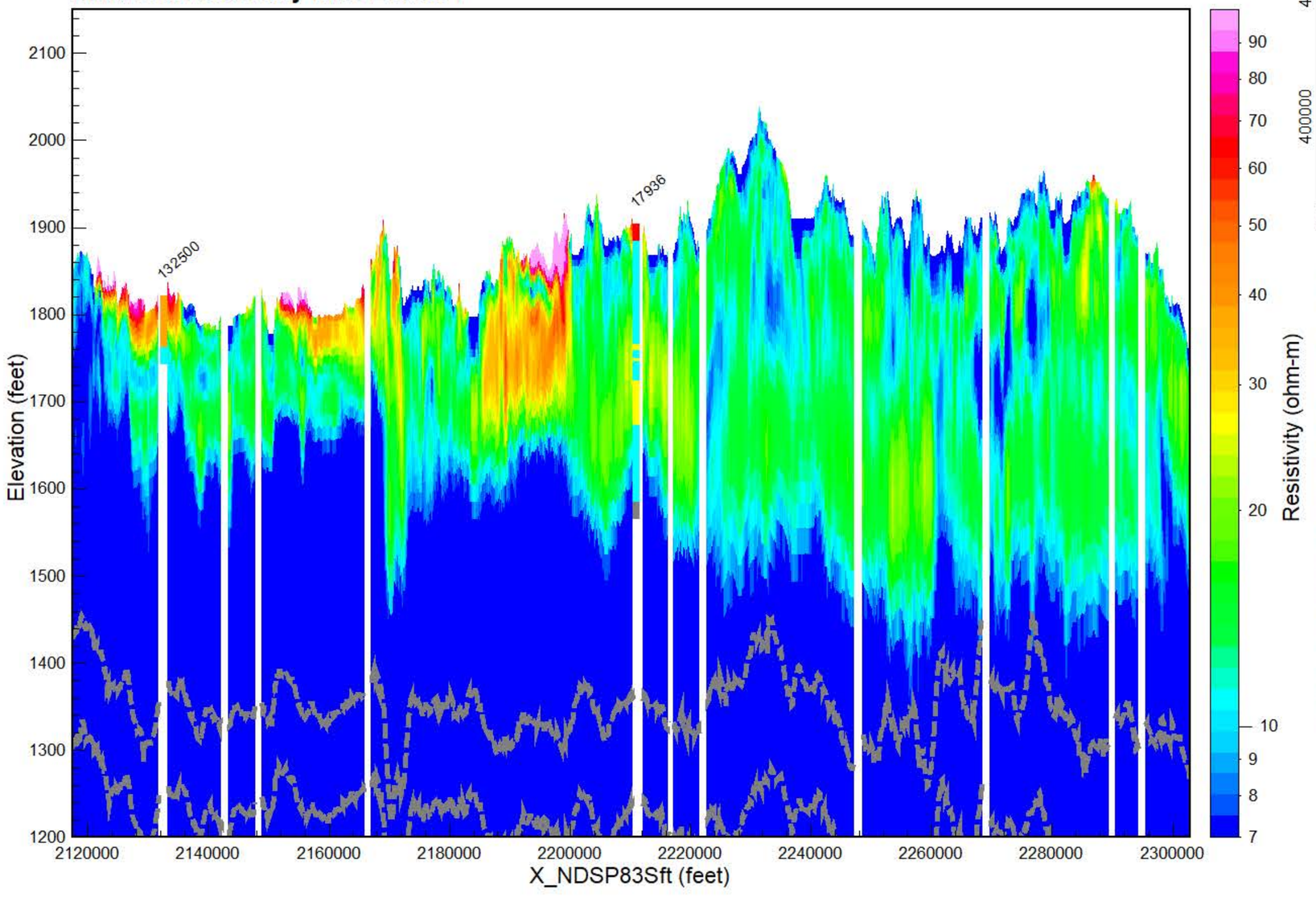
Flight Location Line L100801



AEM Survey Area 1



Final SCI Resistivity Line L100801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

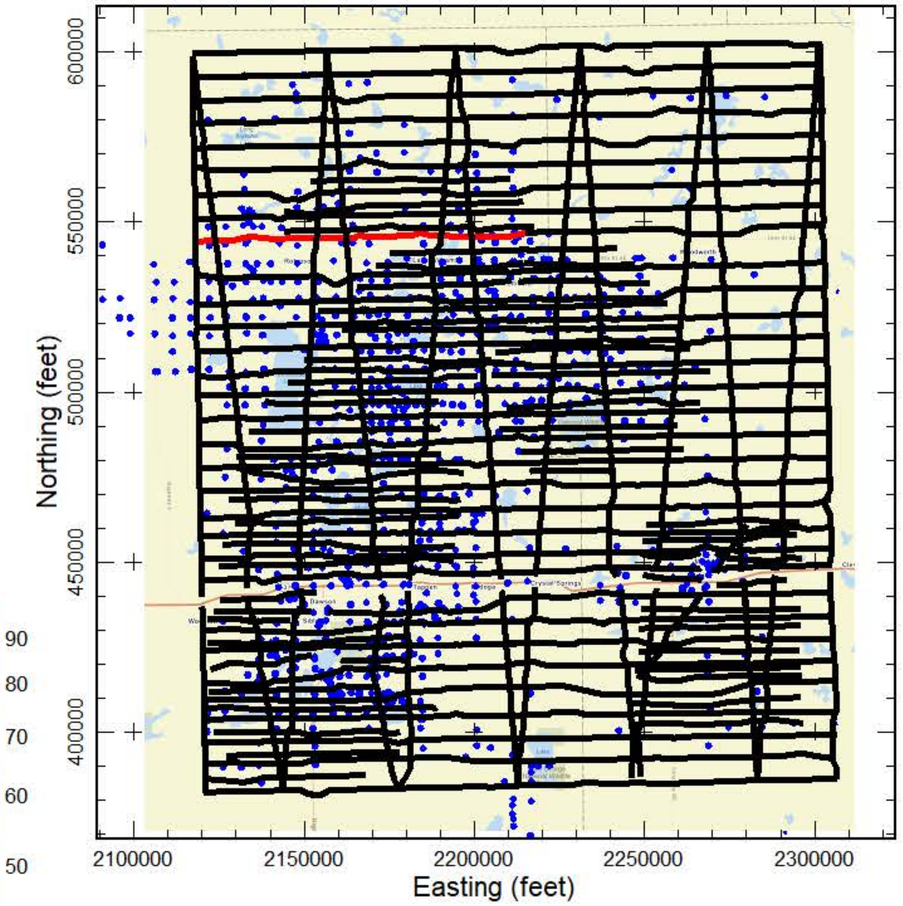
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

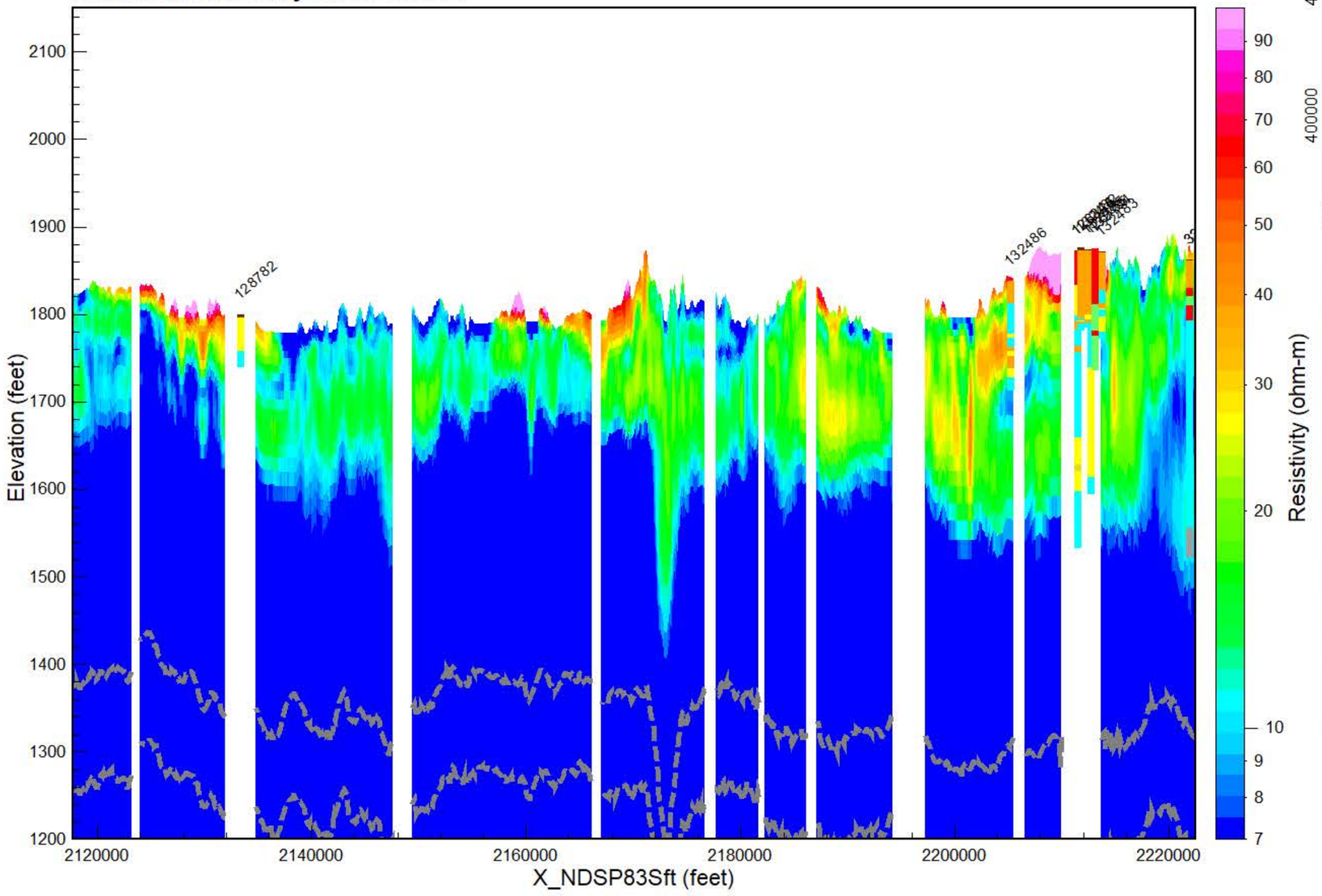
Flight Location Line L100901



AEM Survey Area 1



Final SCI Resistivity Line L100901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

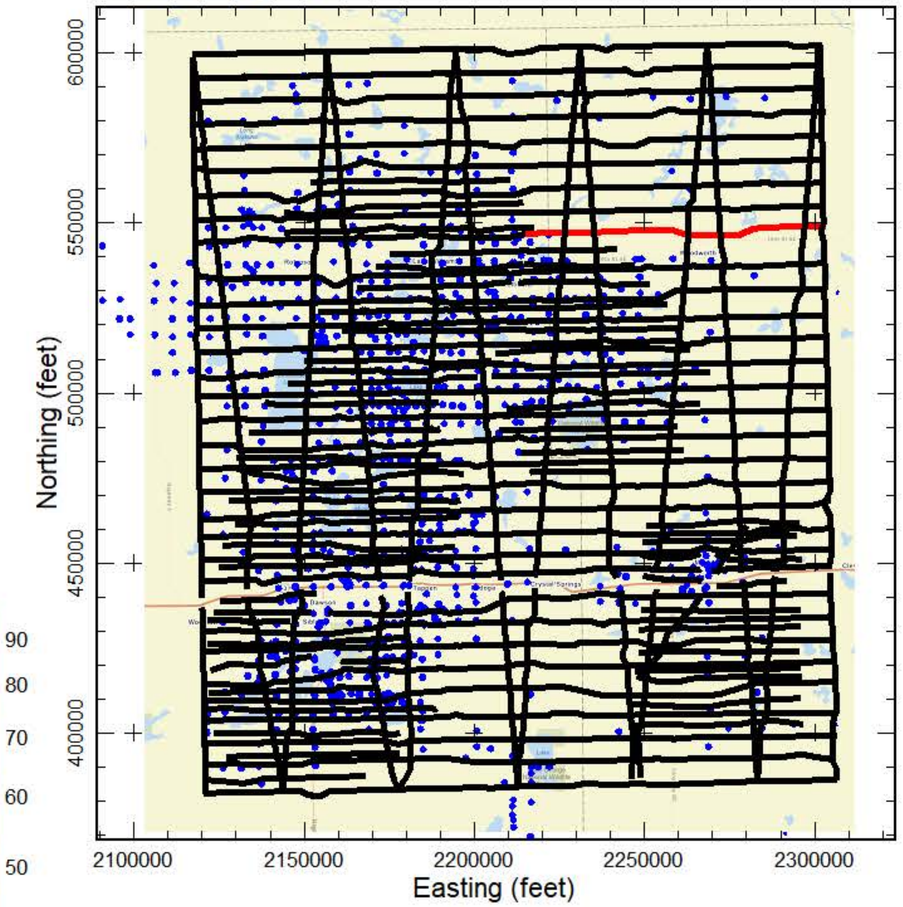
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

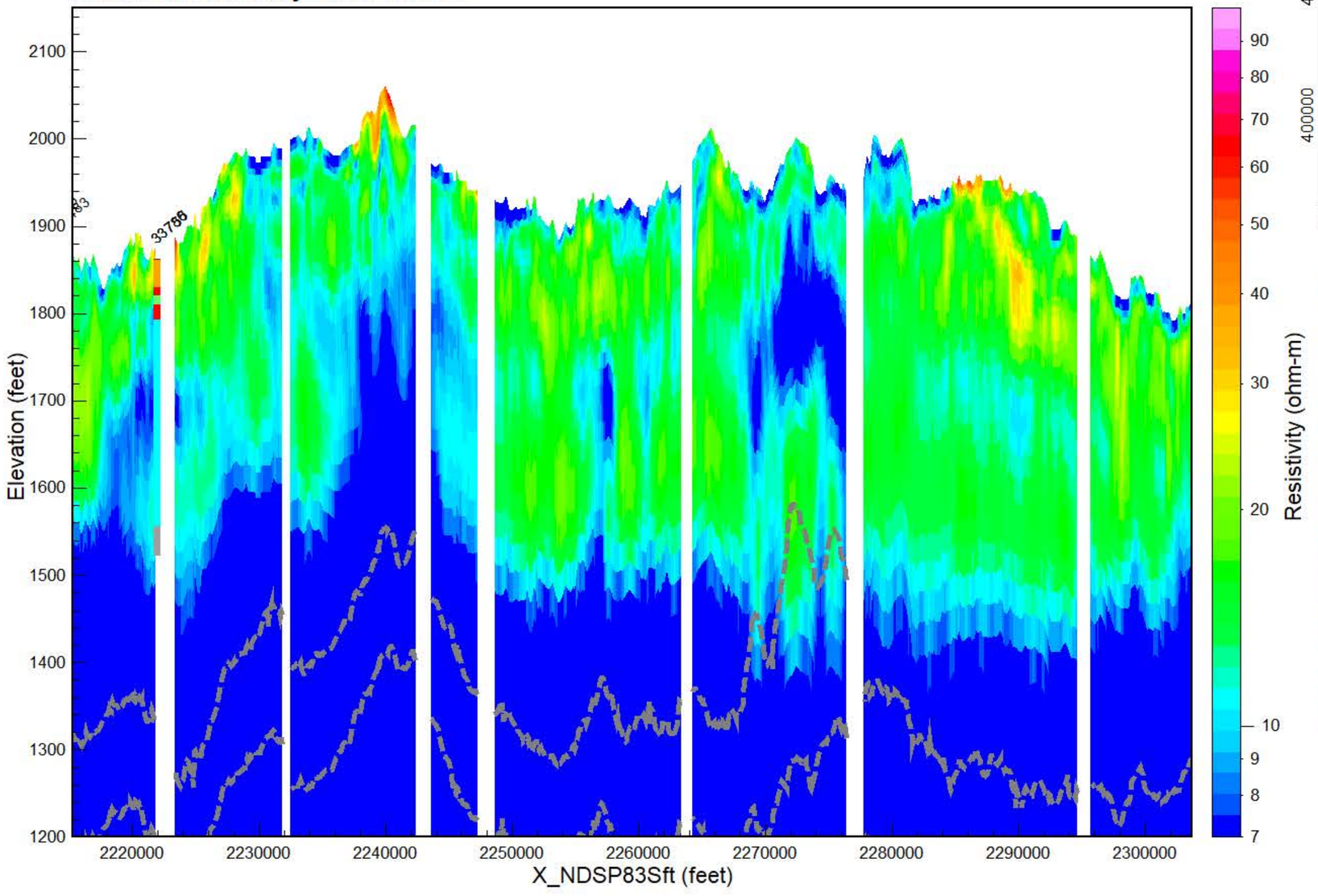
Flight Location Line L100902



AEM Survey Area 1



Final SCI Resistivity Line L100902



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

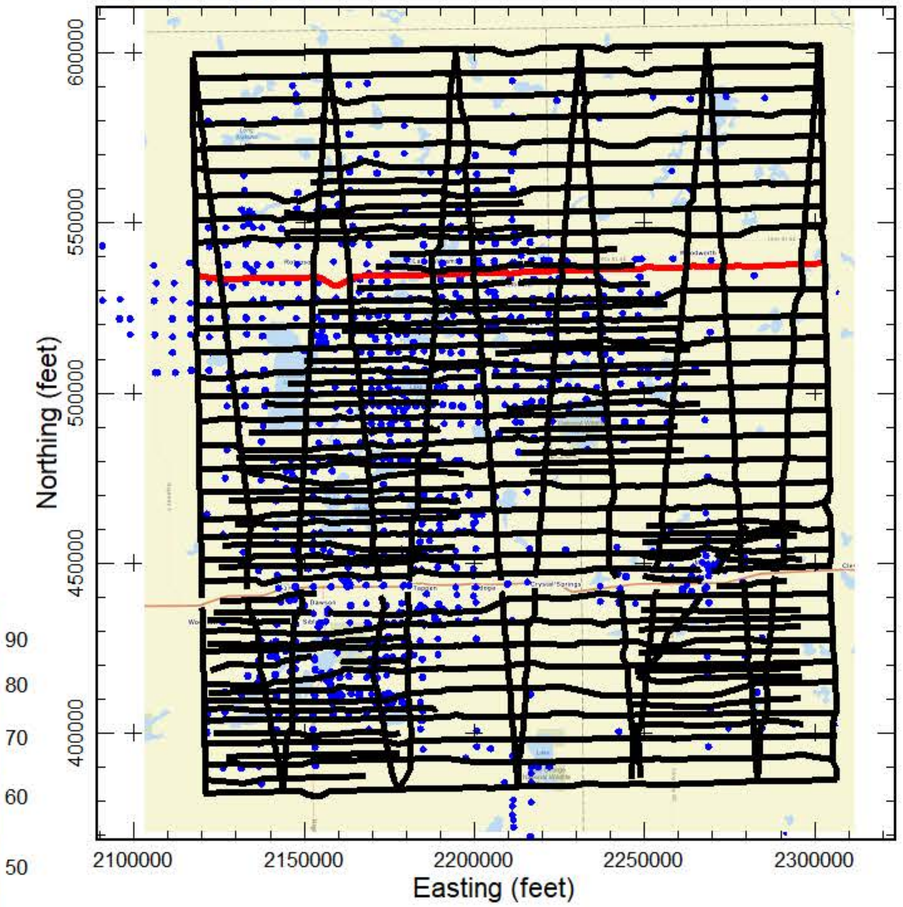
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

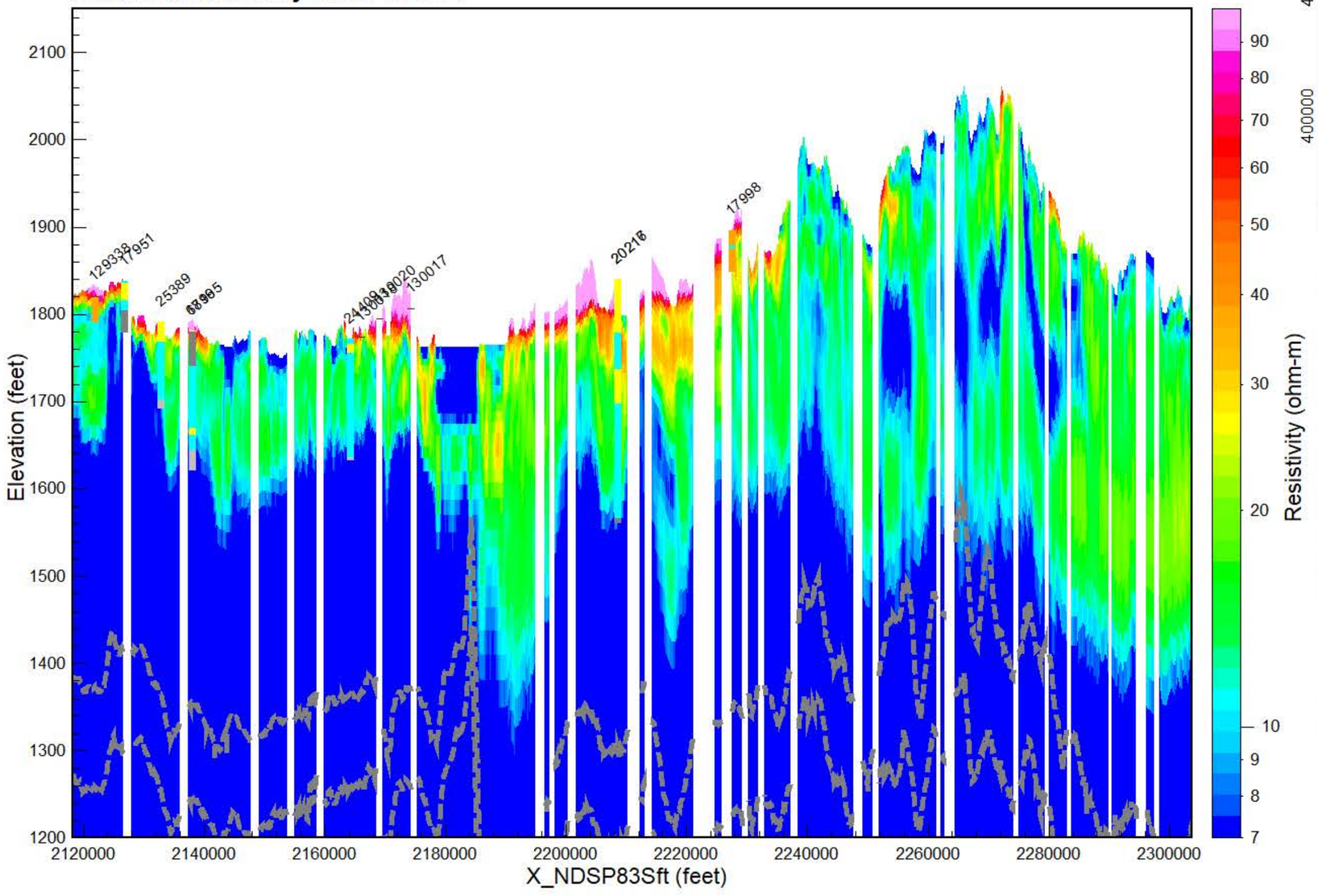
Flight Location Line L101001



AEM Survey Area 1



Final SCI Resistivity Line L101001

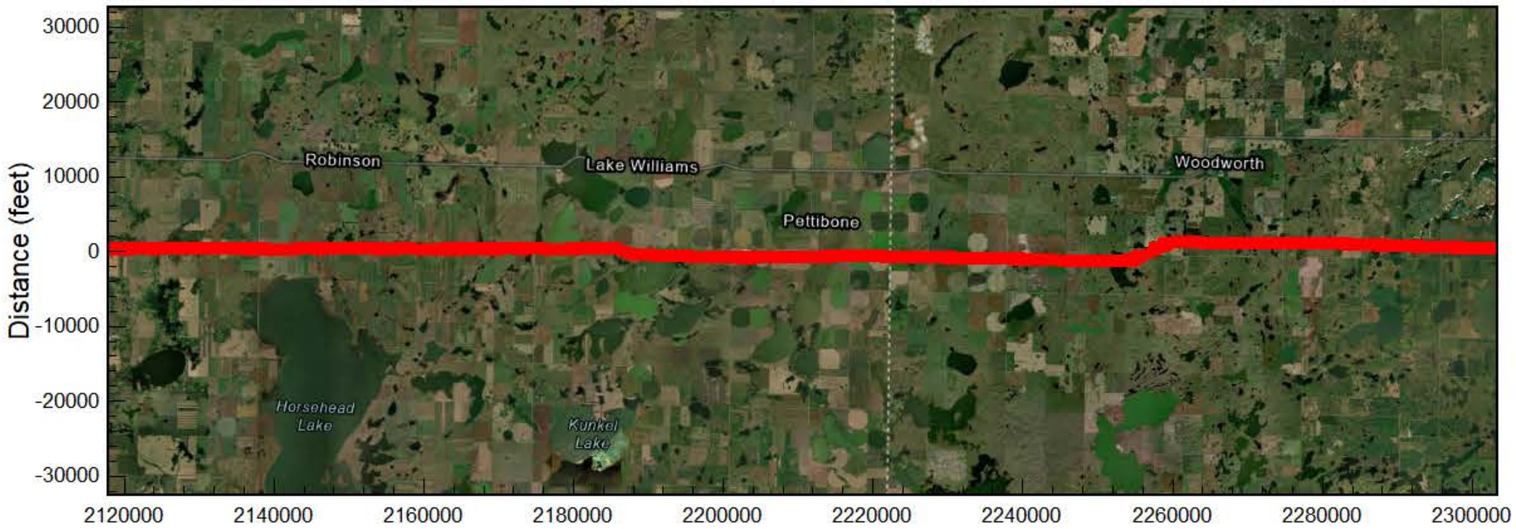


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

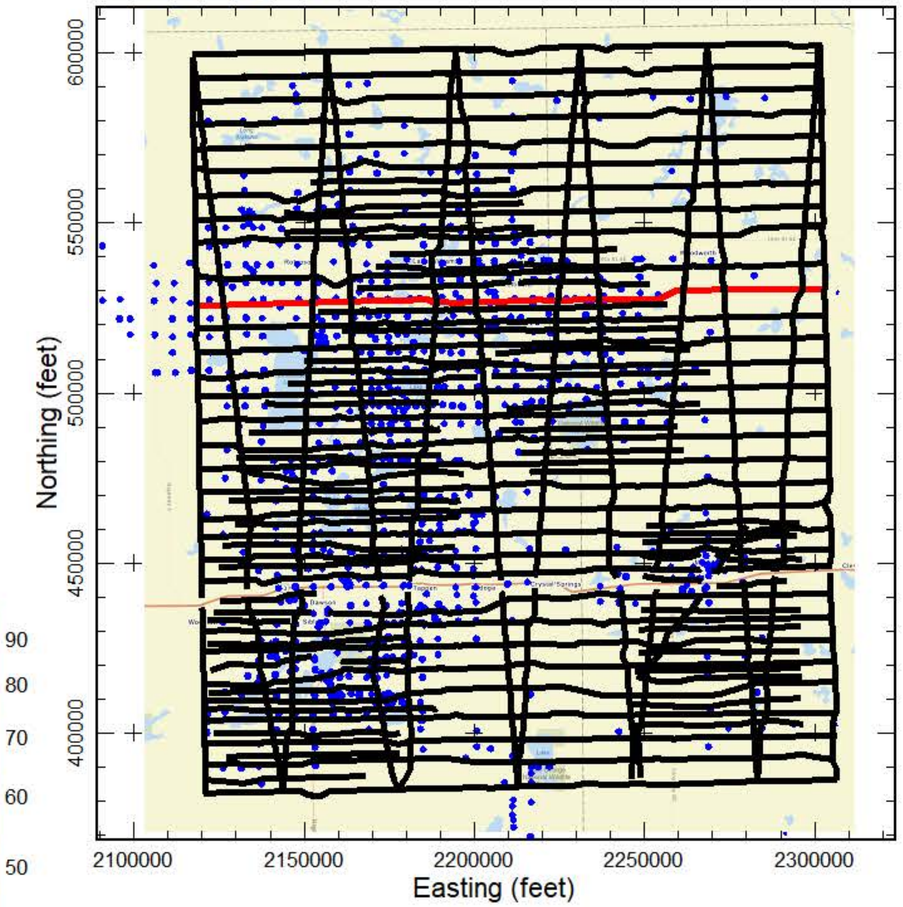
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

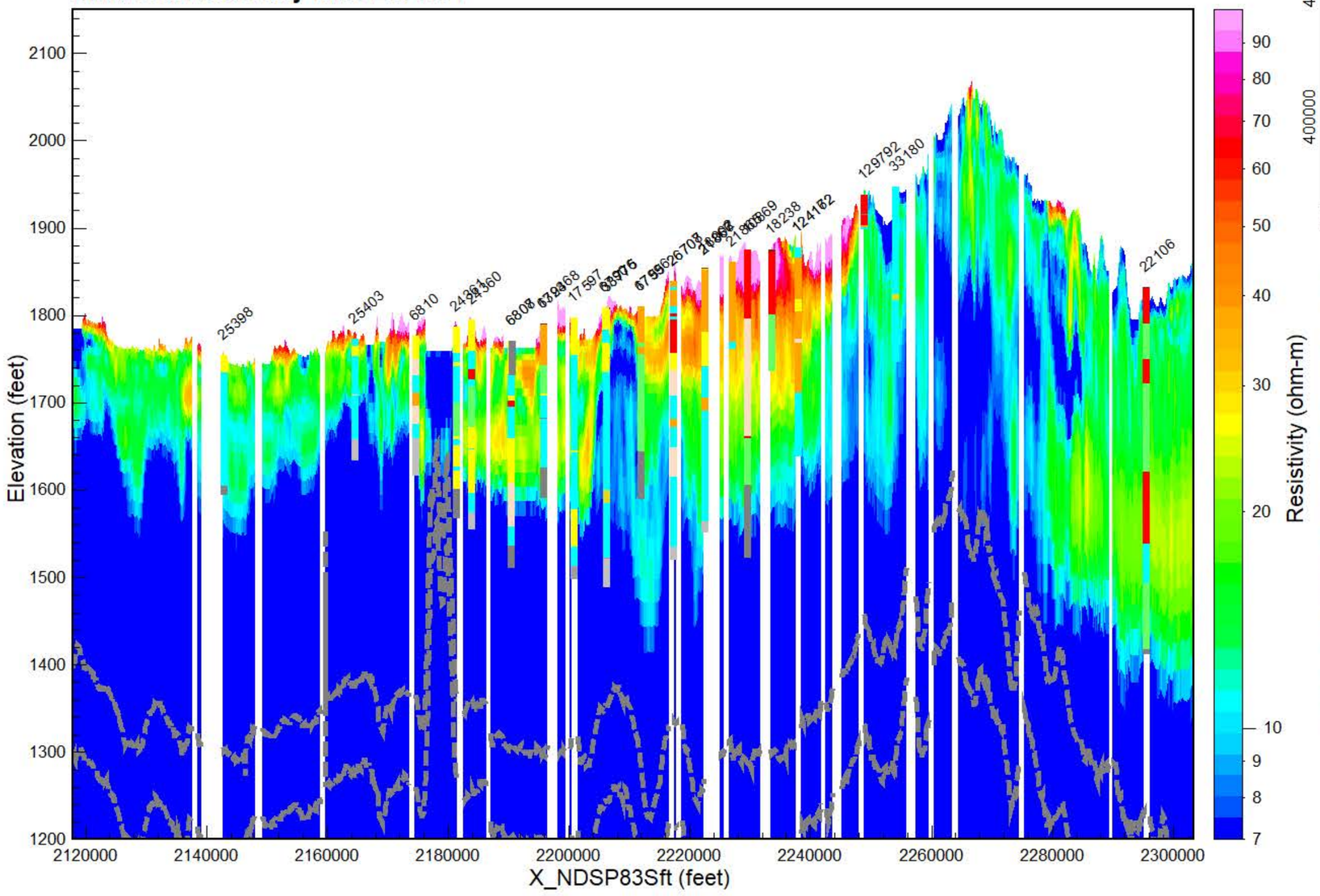
Flight Location Line L101101



AEM Survey Area 1



Final SCI Resistivity Line L101101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

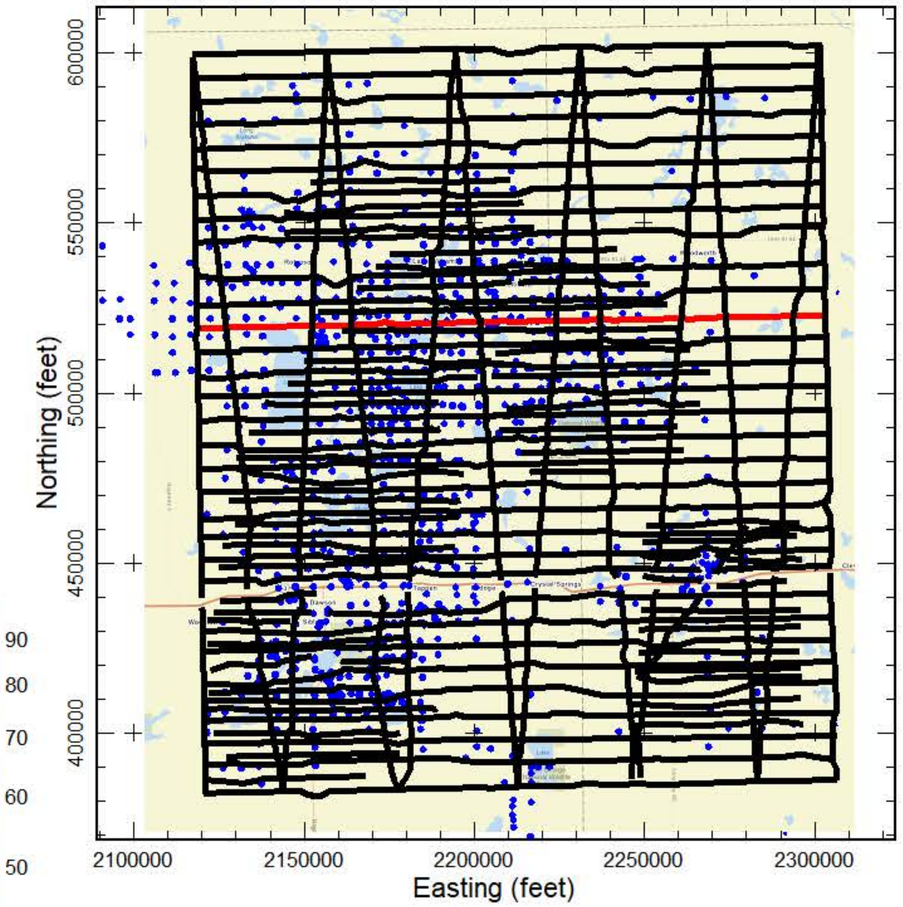
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

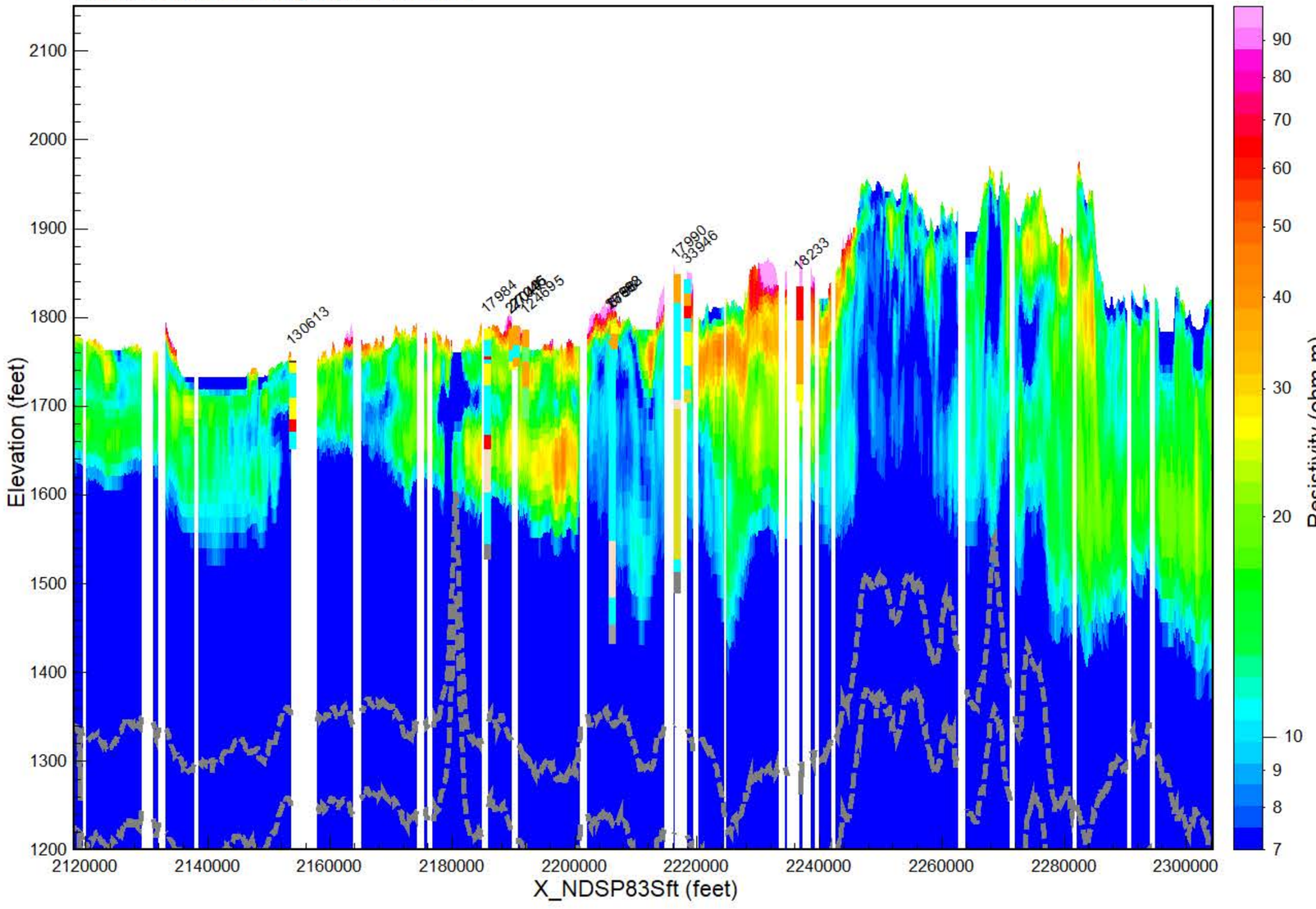
Flight Location Line L101201



AEM Survey Area 1



Final SCI Resistivity Line L101201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

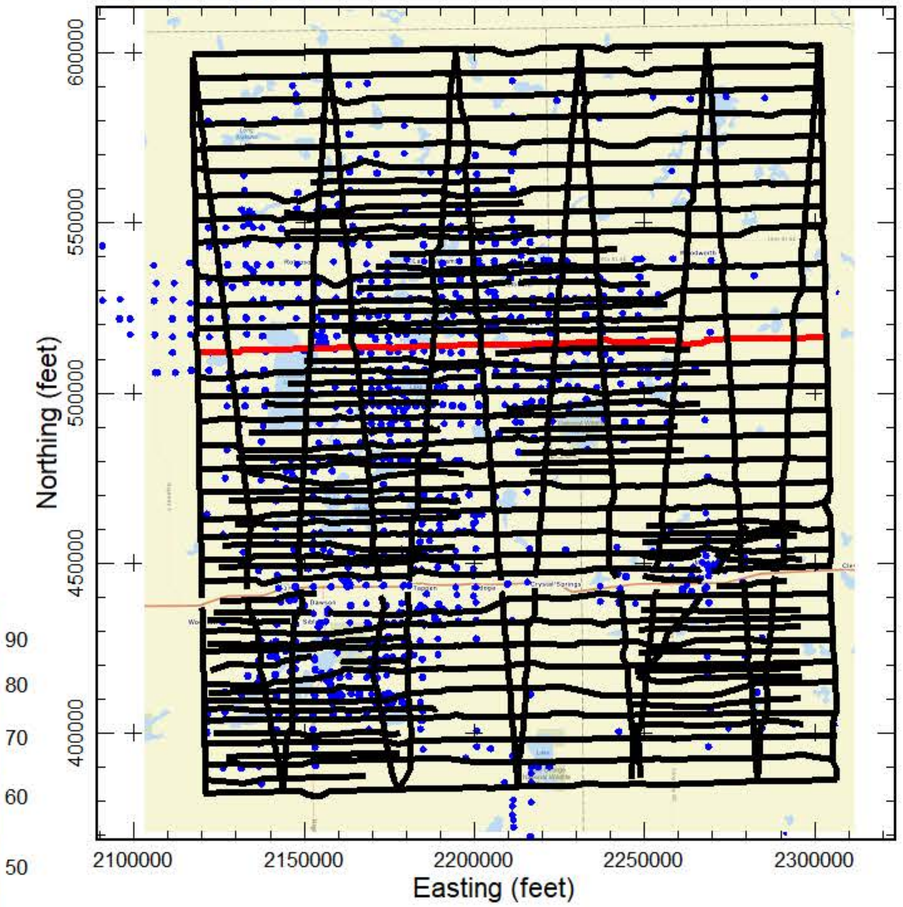
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

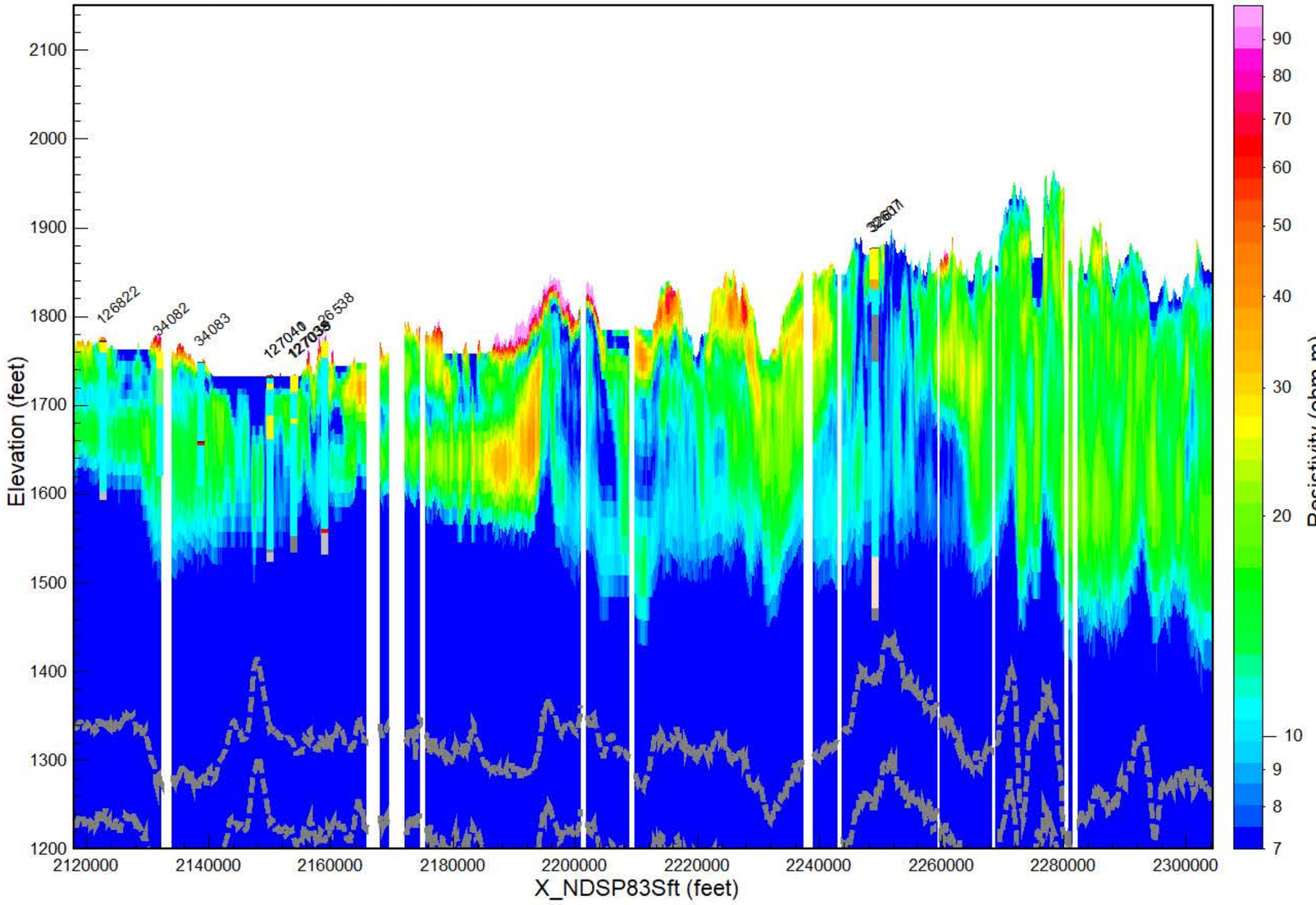
Flight Location Line L101301



AEM Survey Area 1



Final SCI Resistivity Line L101301

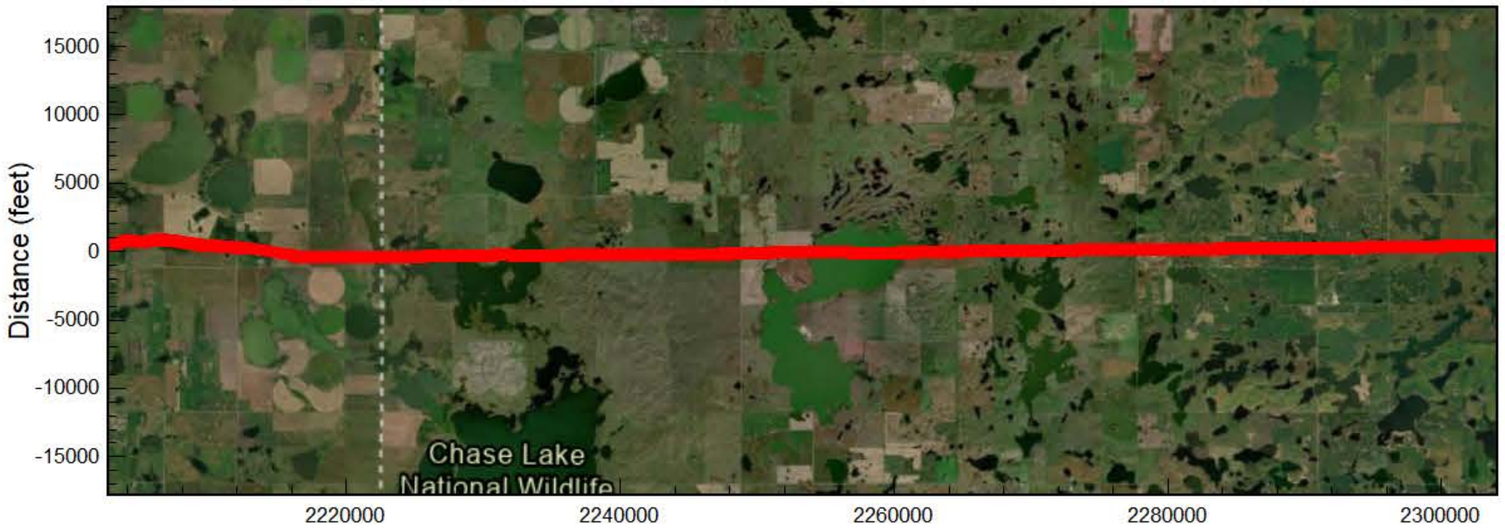


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

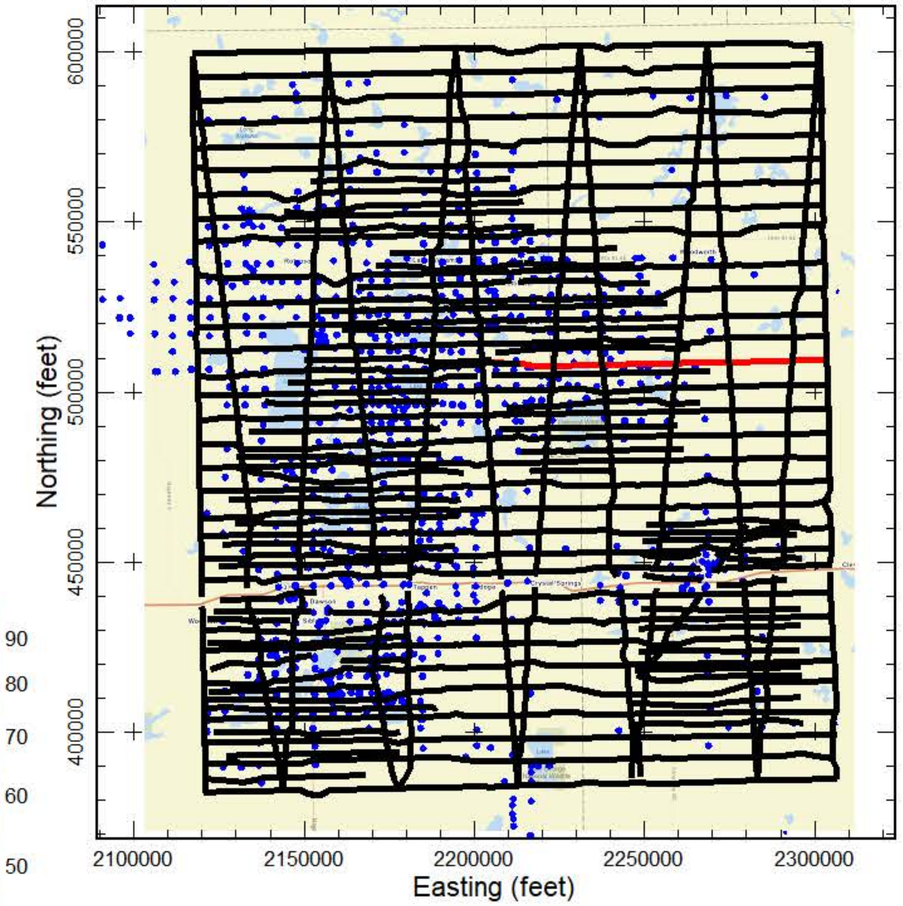
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

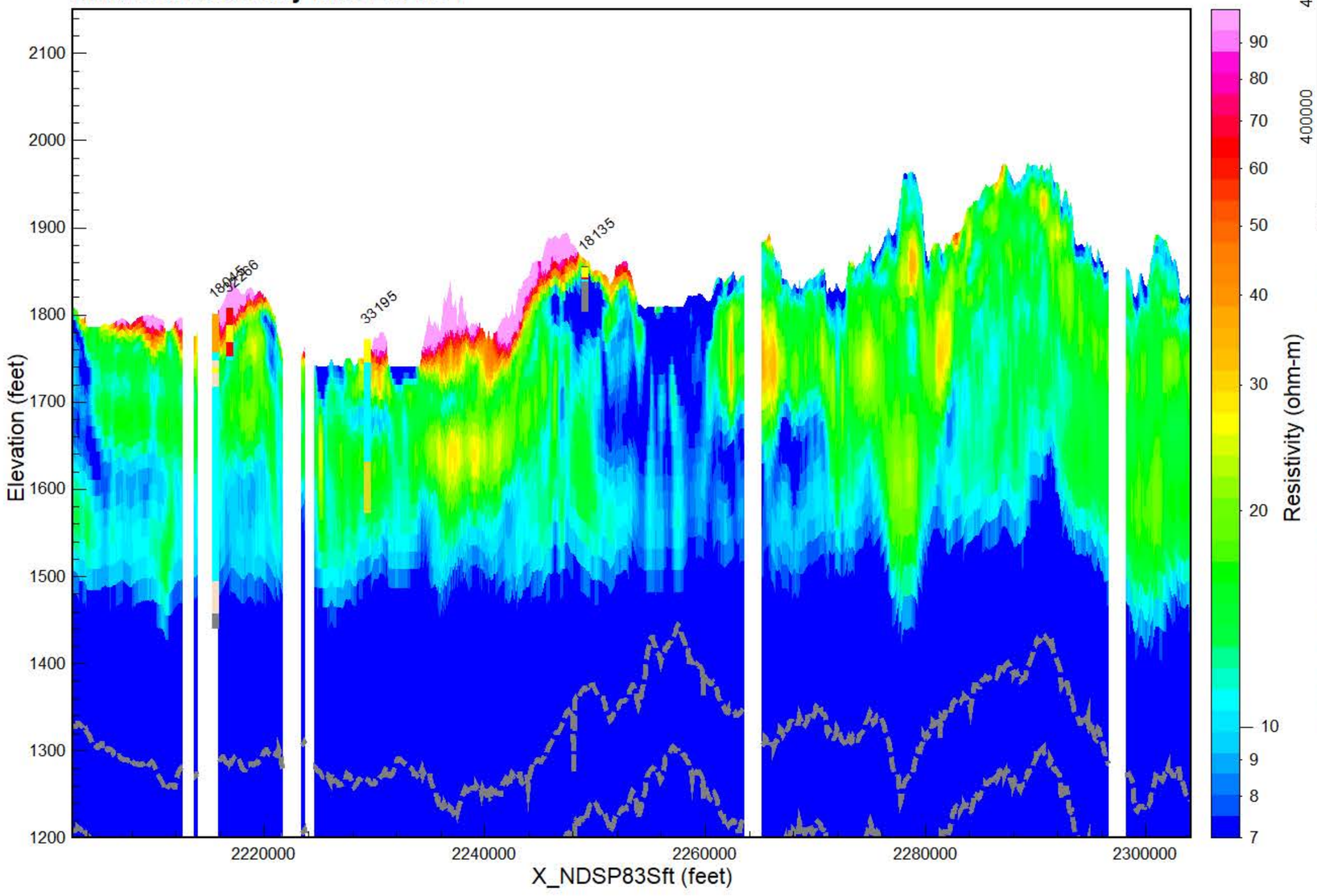
Flight Location Line L101401



AEM Survey Area 1



Final SCI Resistivity Line L101401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

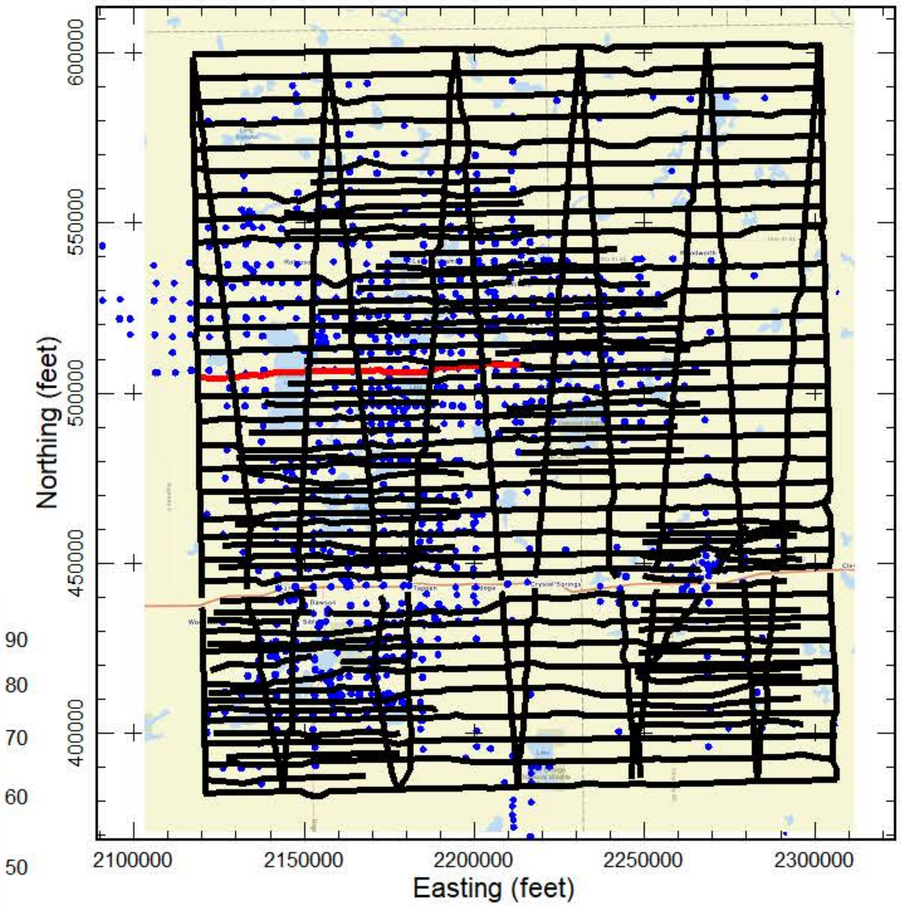
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

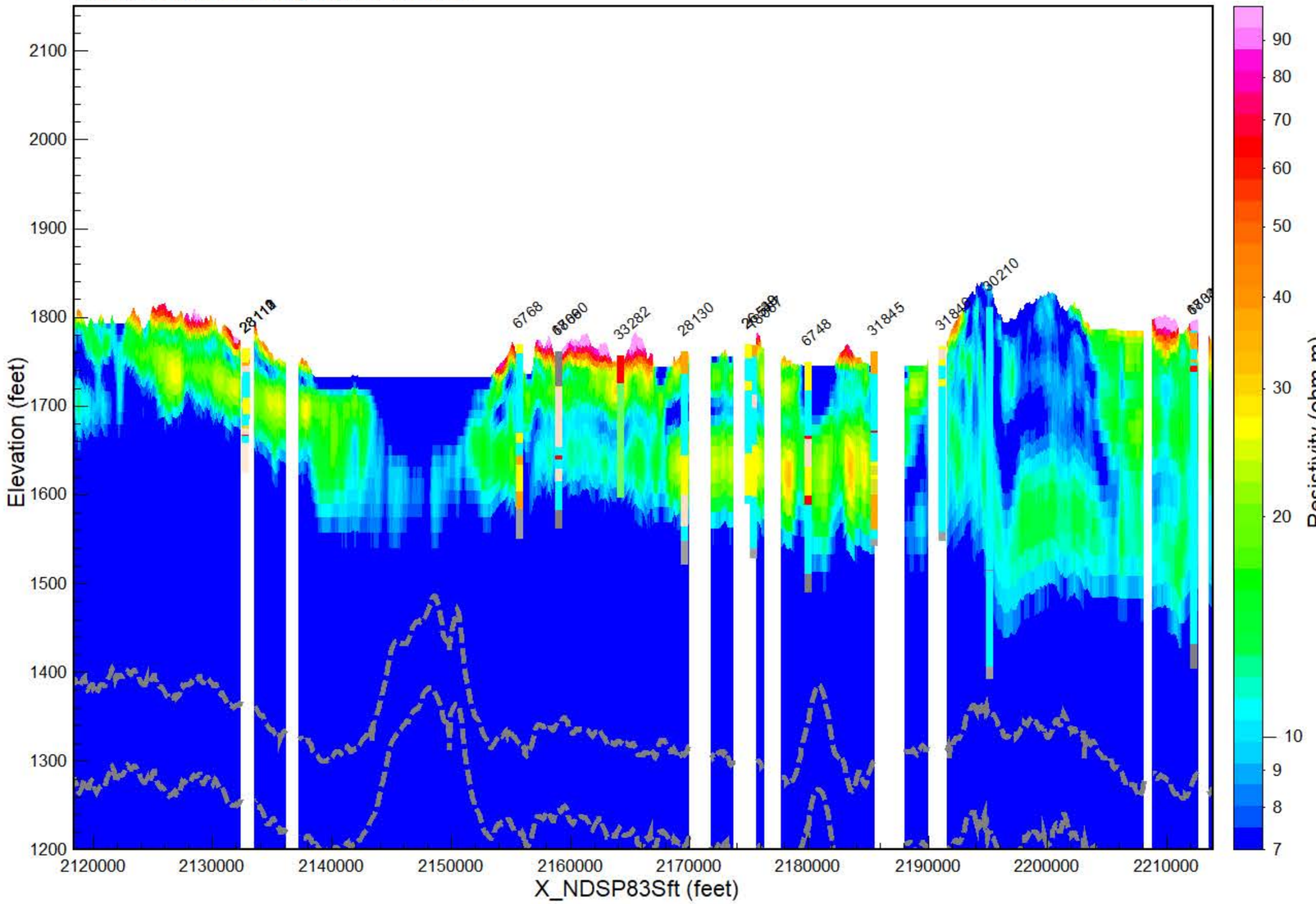
Flight Location Line L101402



AEM Survey Area 1



Final SCI Resistivity Line L101402



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

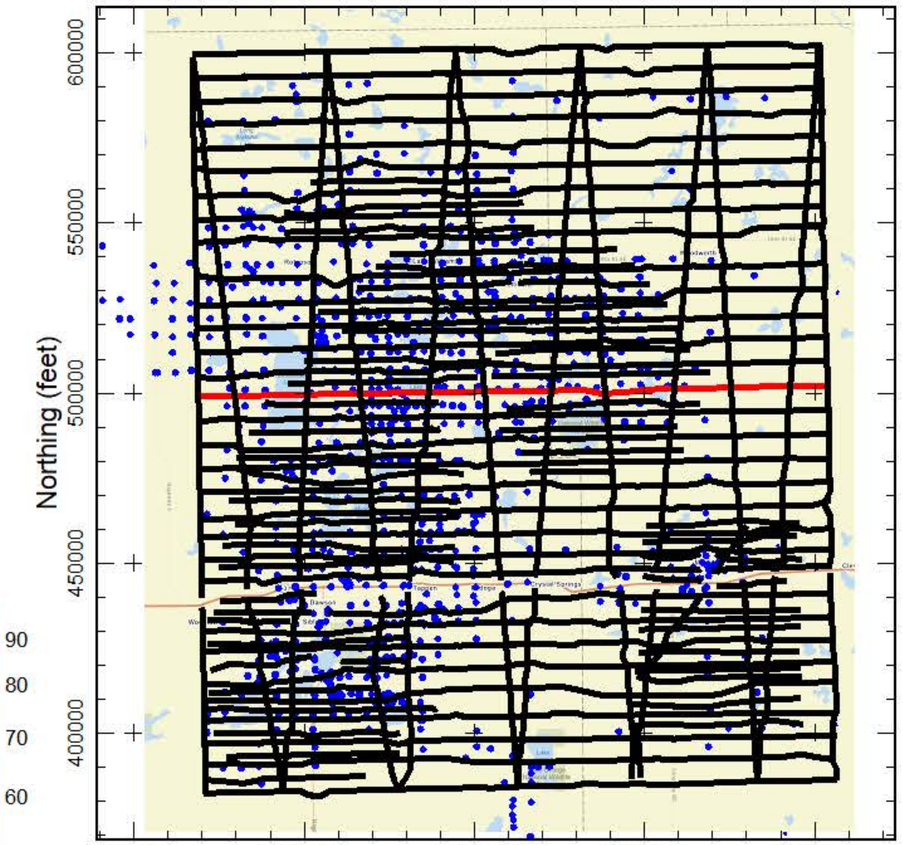
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

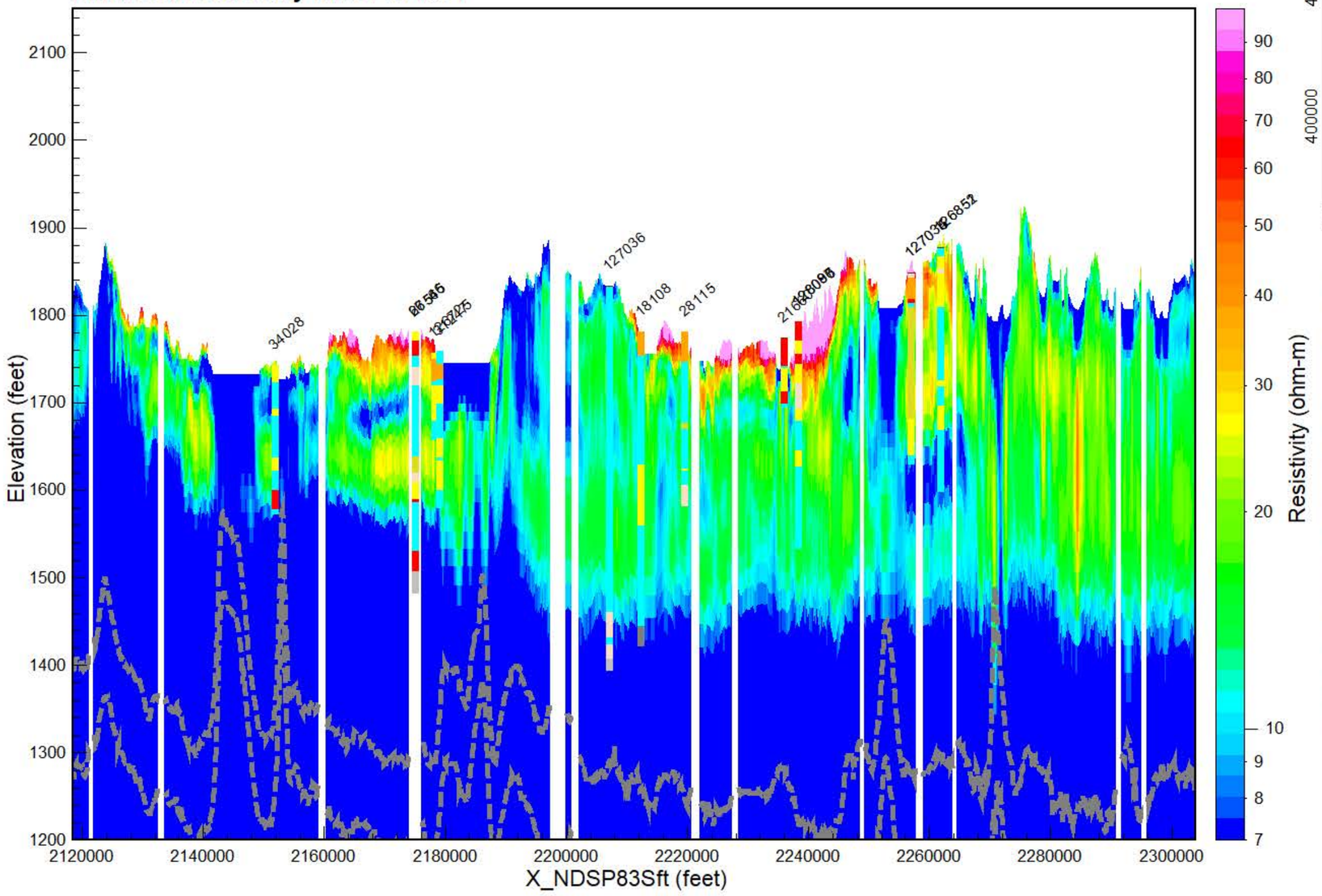
Flight Location Line L101501



AEM Survey Area 1



Final SCI Resistivity Line L101501

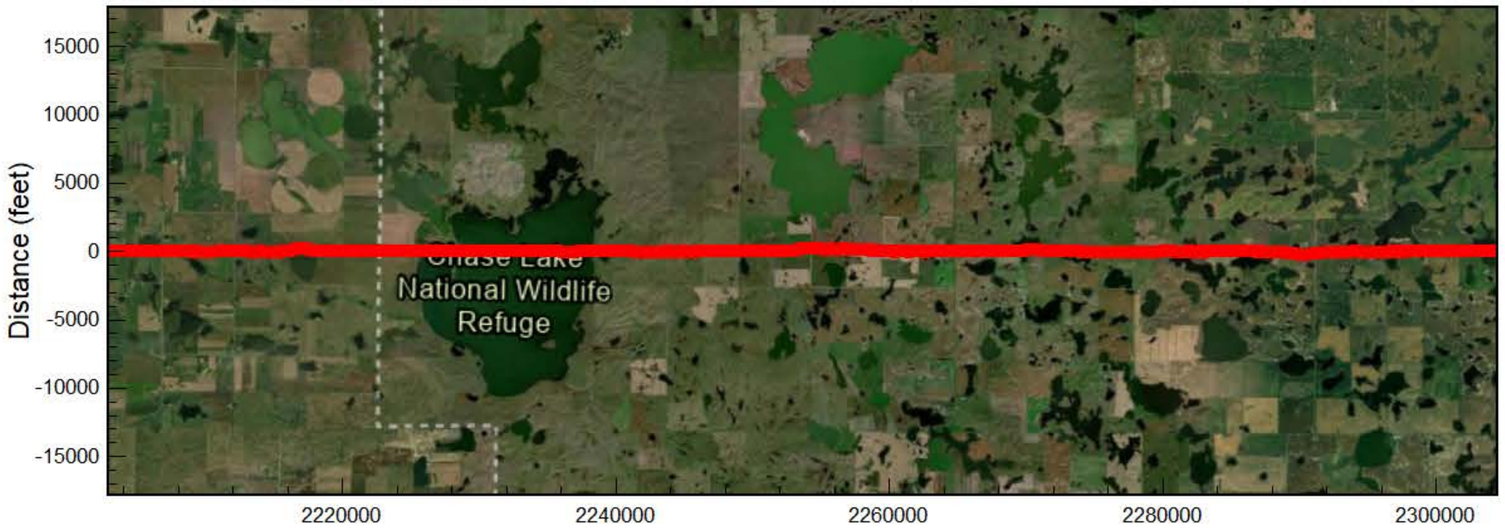


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

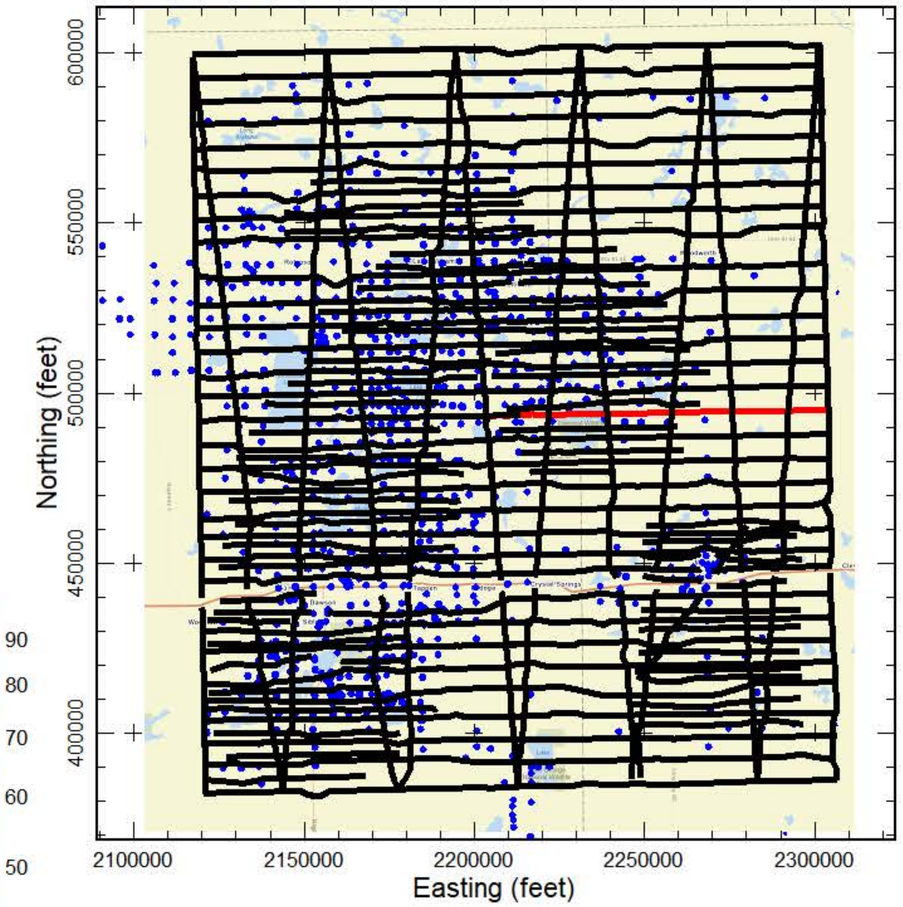
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

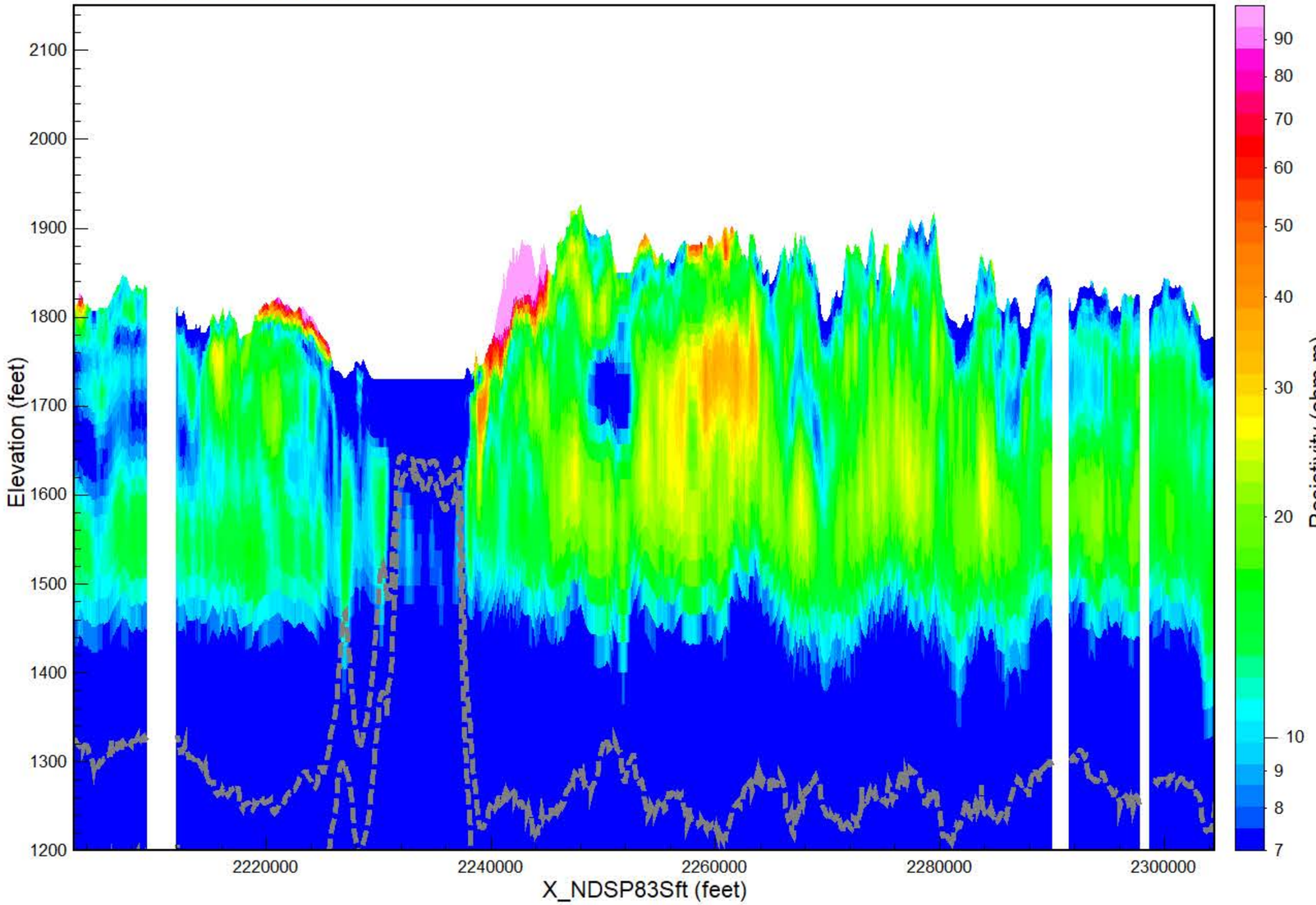
Flight Location Line L101601



AEM Survey Area 1



Final SCI Resistivity Line L101601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

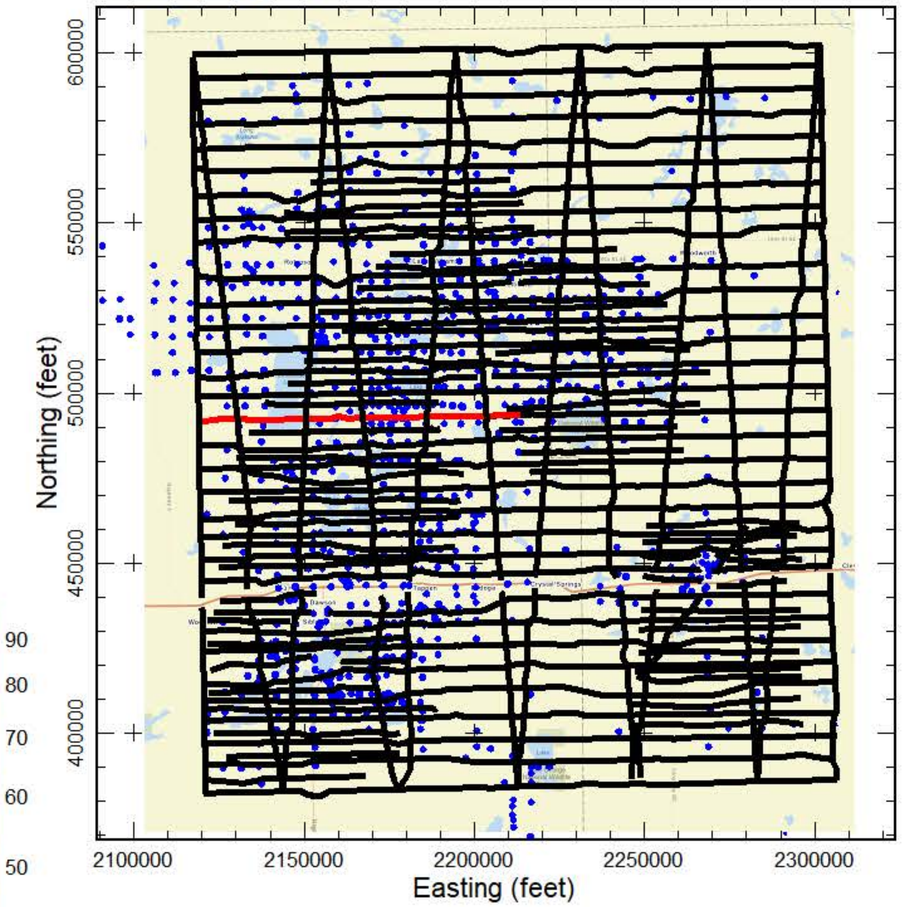
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

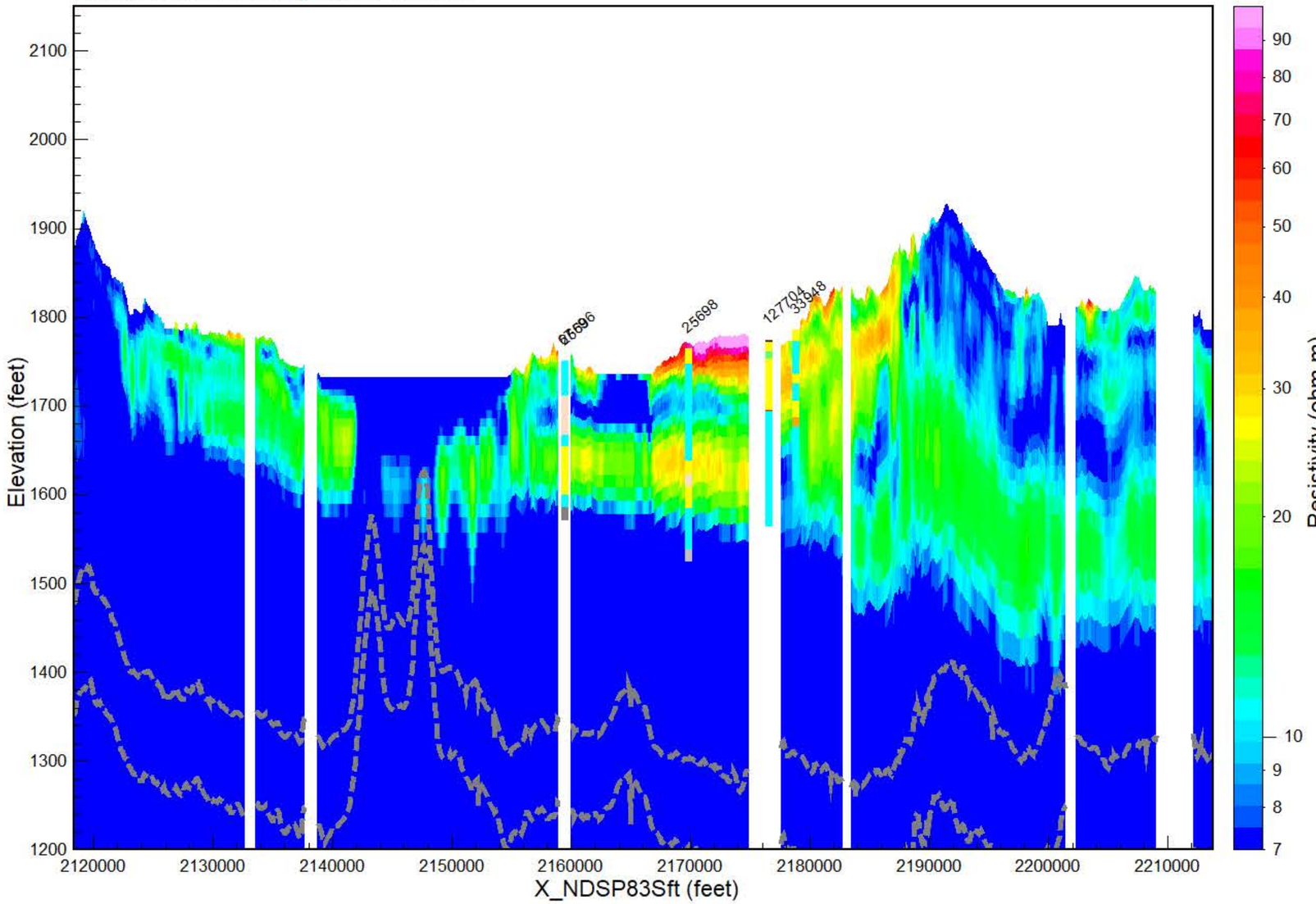
Flight Location Line L101602



AEM Survey Area 1



Final SCI Resistivity Line L101602



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

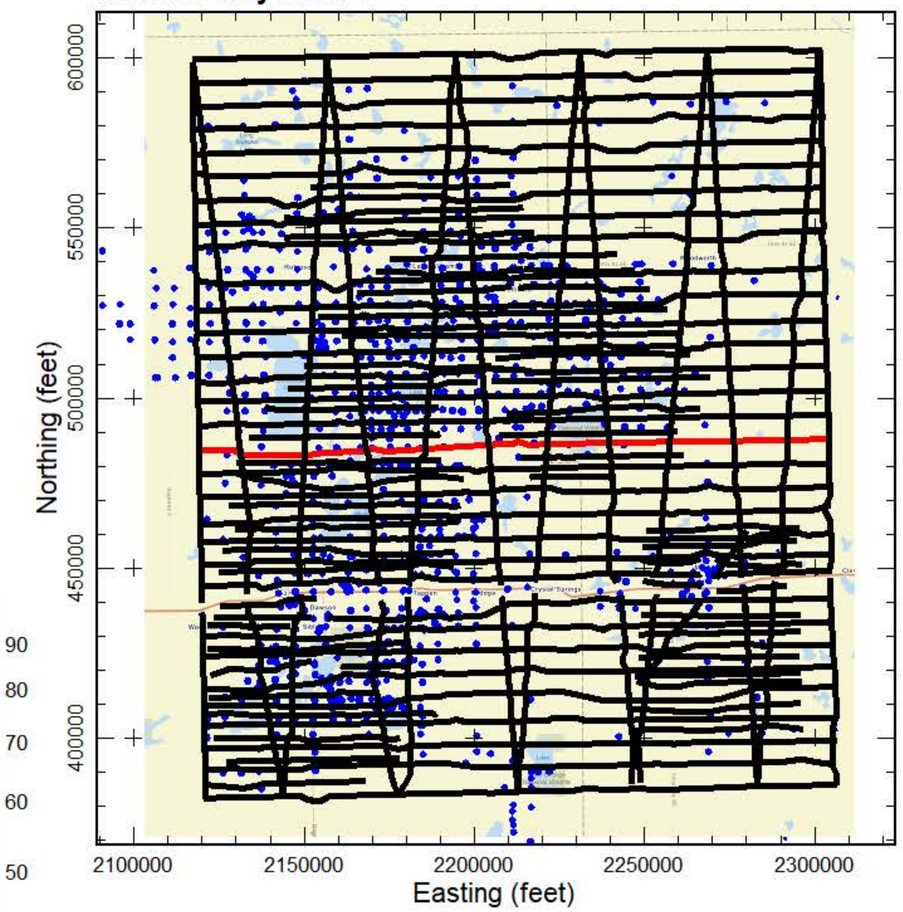
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

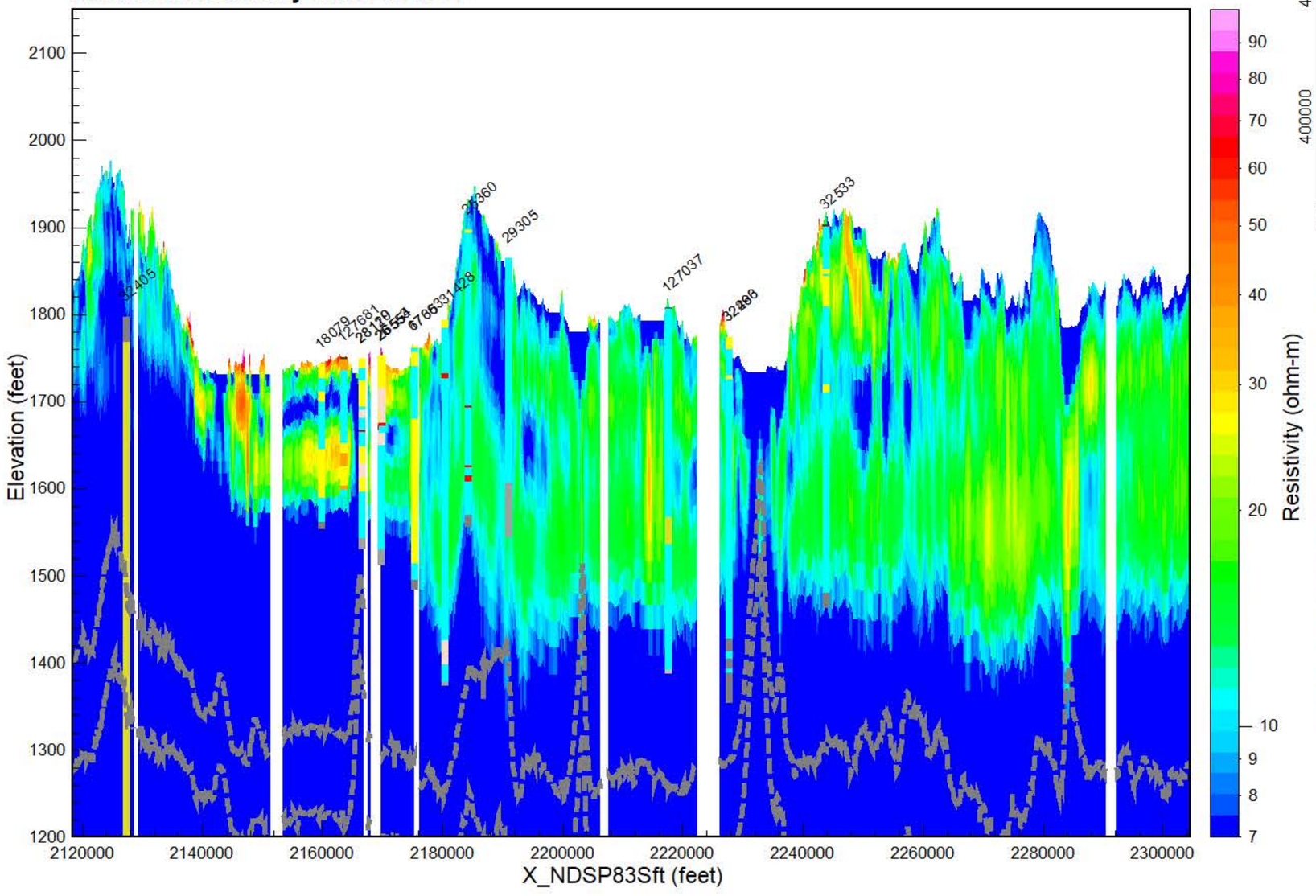
Flight Location Line L101701



AEM Survey Area 1



Final SCI Resistivity Line L101701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

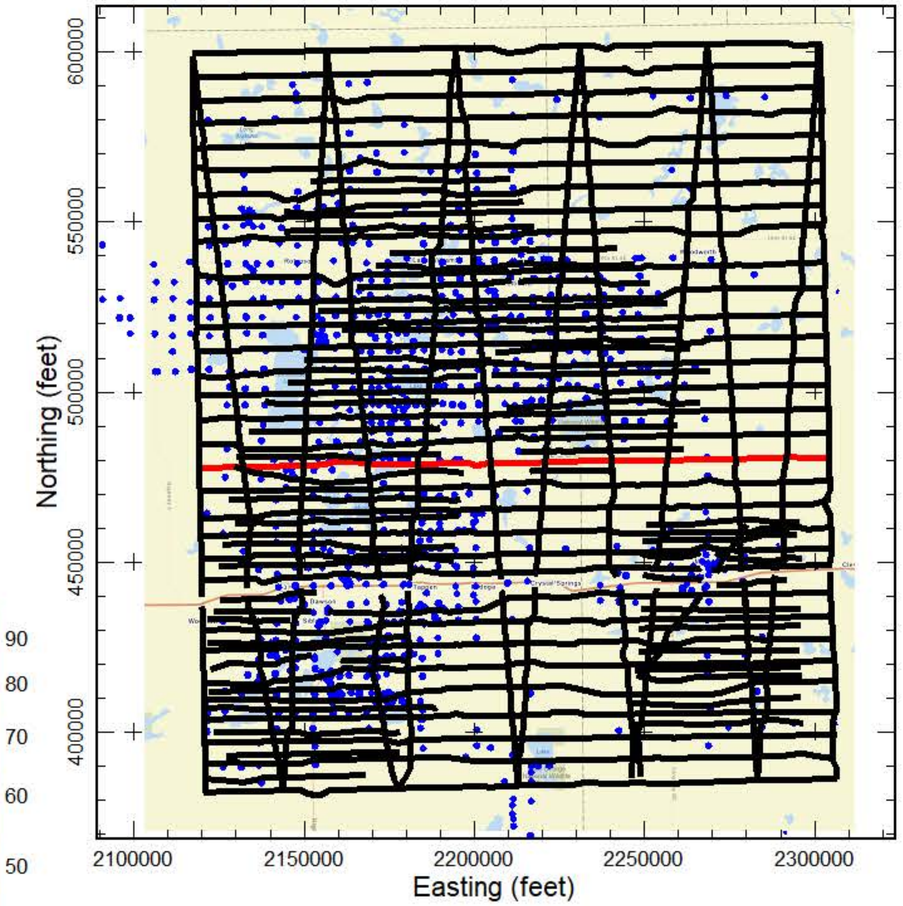
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

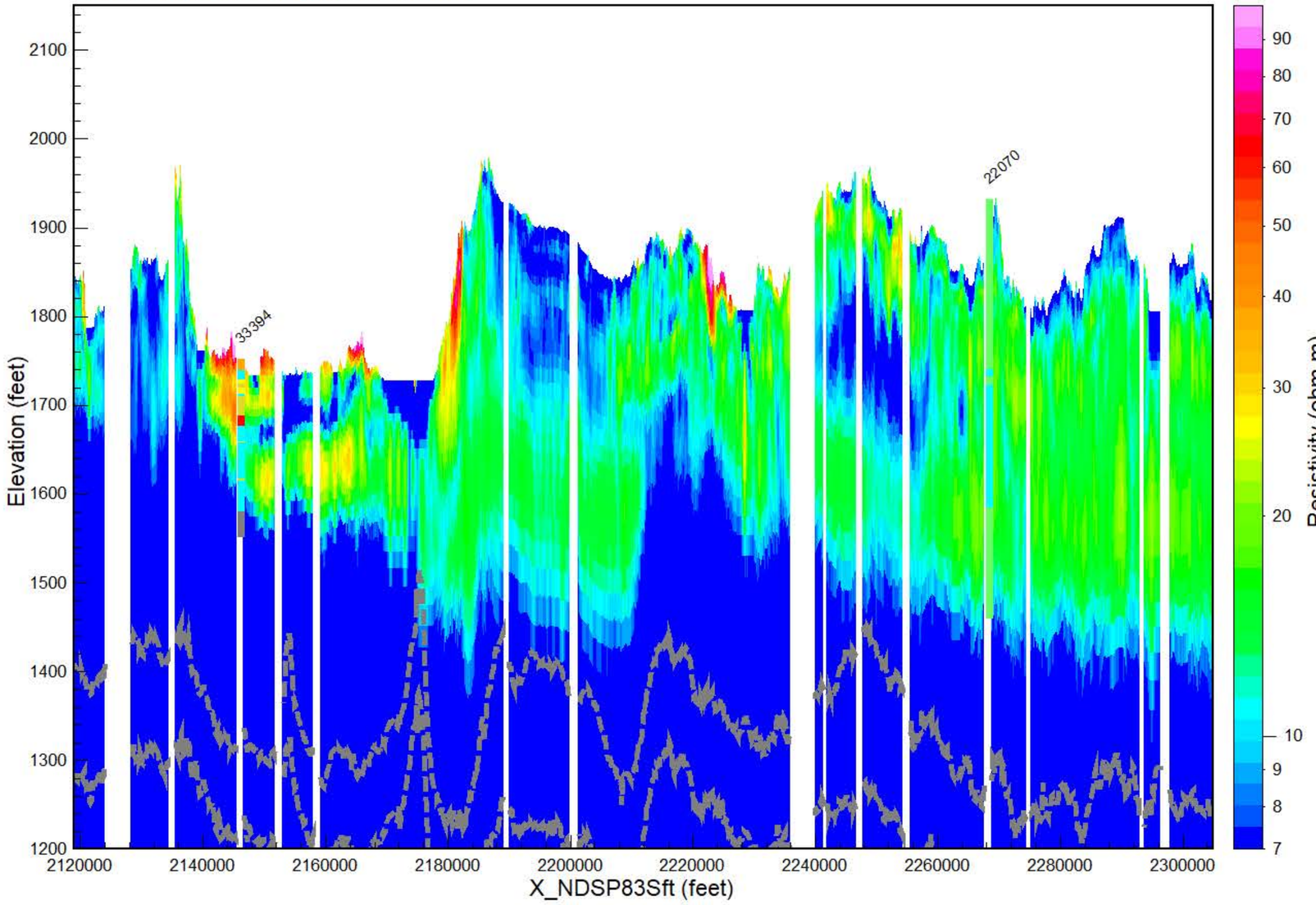
Flight Location Line L101801



AEM Survey Area 1



Final SCI Resistivity Line L101801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

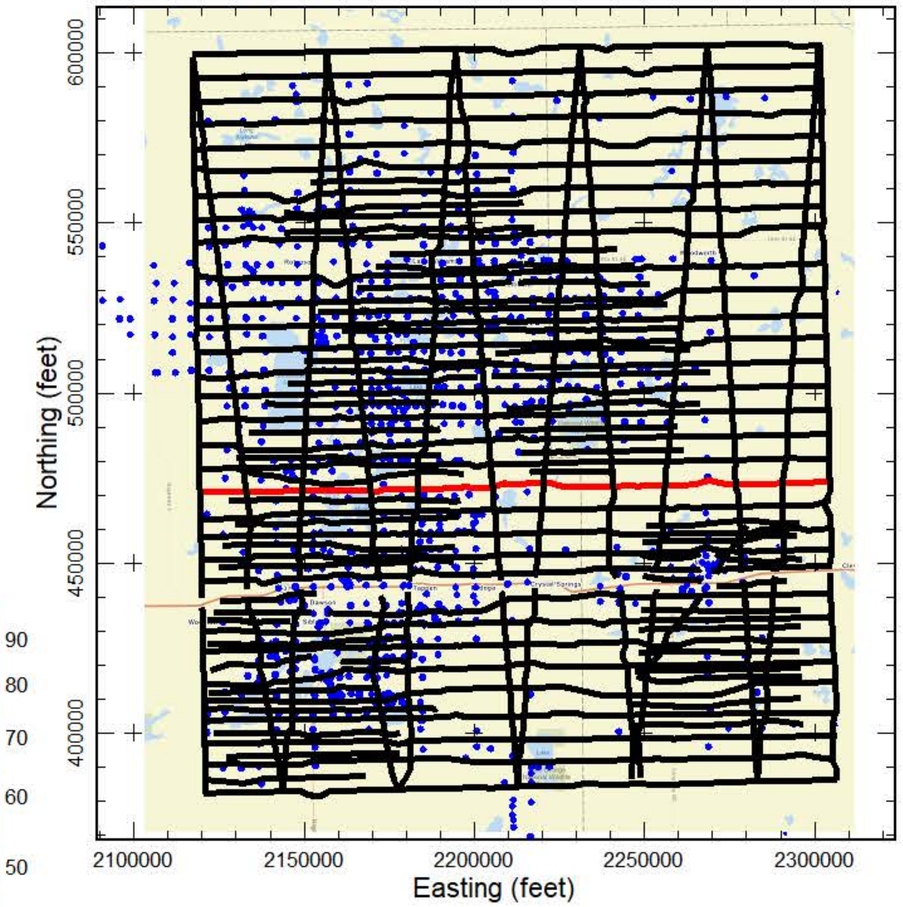
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

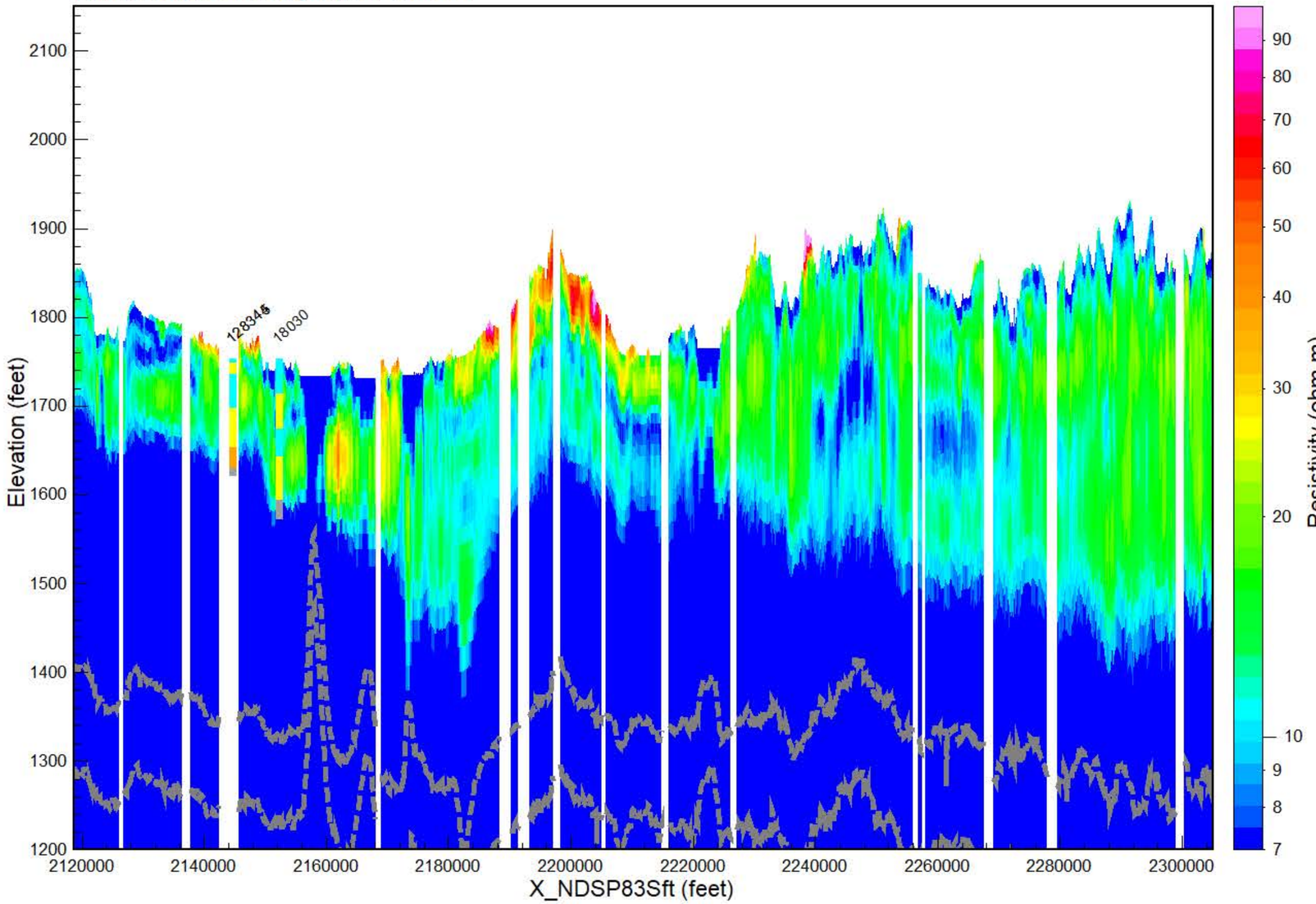
Flight Location Line L101901



AEM Survey Area 1



Final SCI Resistivity Line L101901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

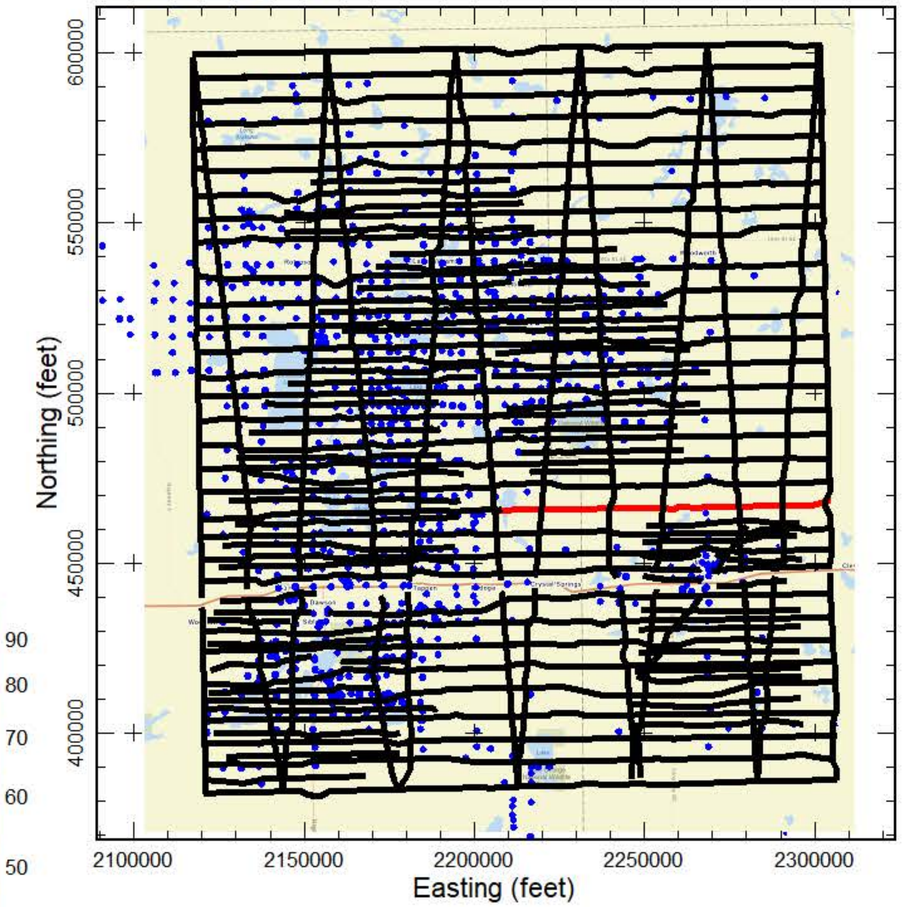
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

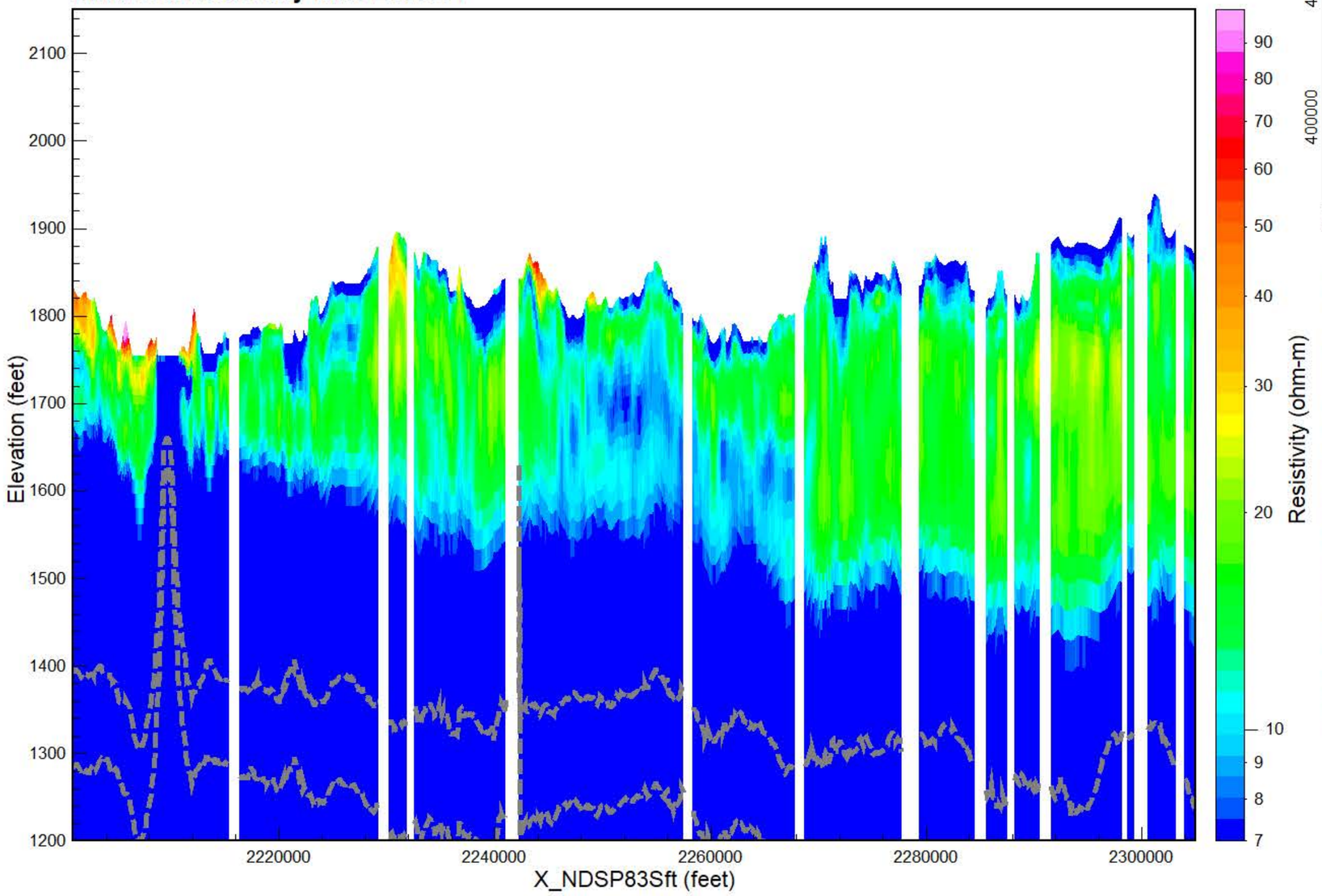
Flight Location Line L102001



AEM Survey Area 1



Final SCI Resistivity Line L102001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

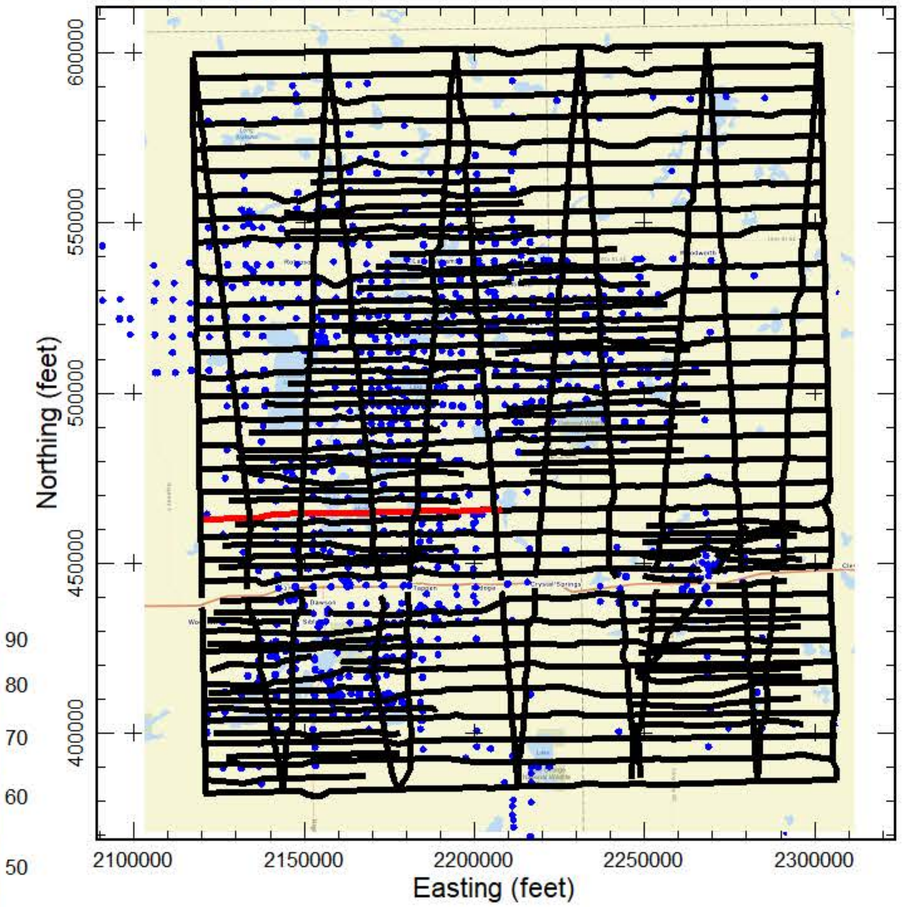
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

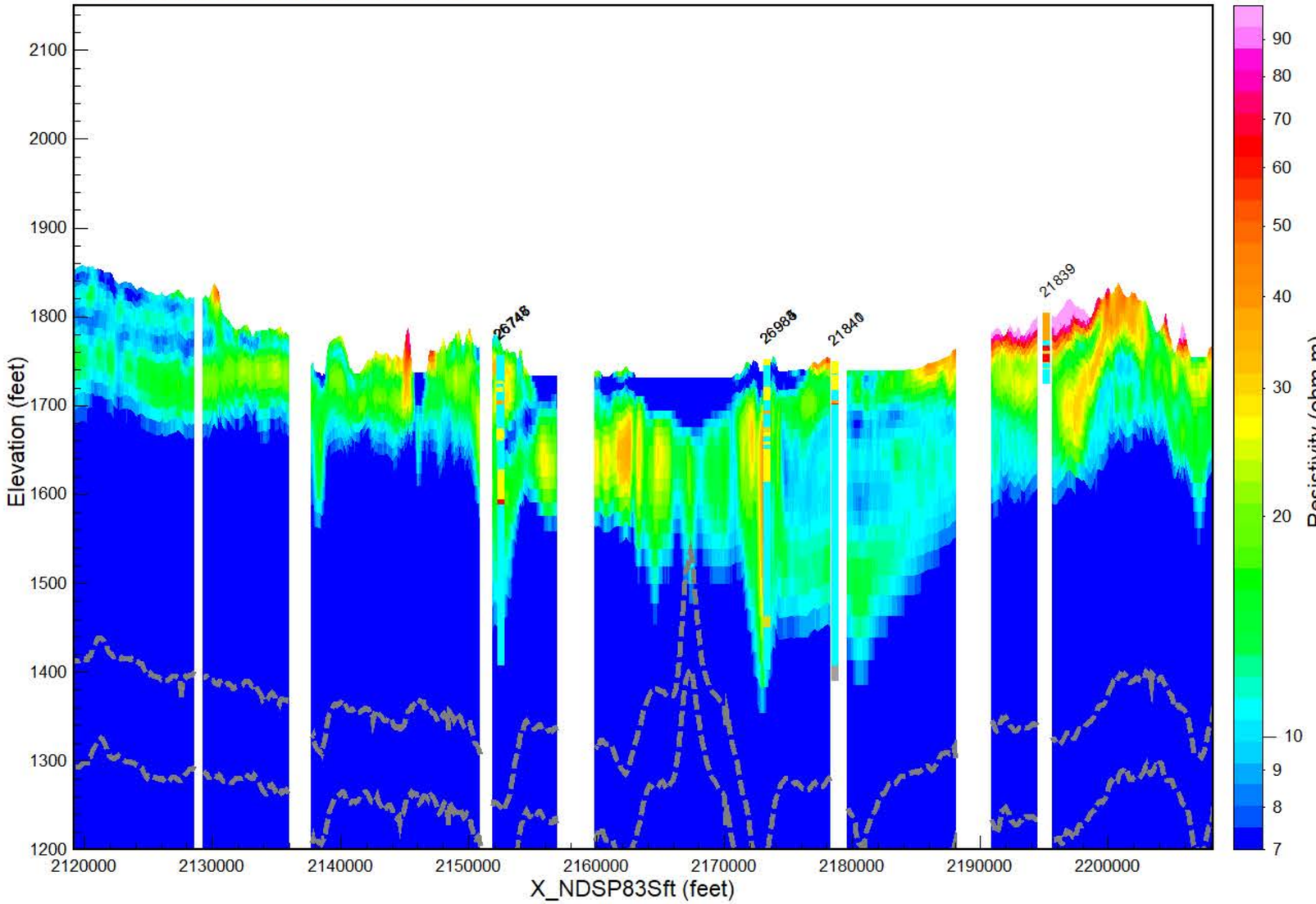
Flight Location Line L102002



AEM Survey Area 1



Final SCI Resistivity Line L102002

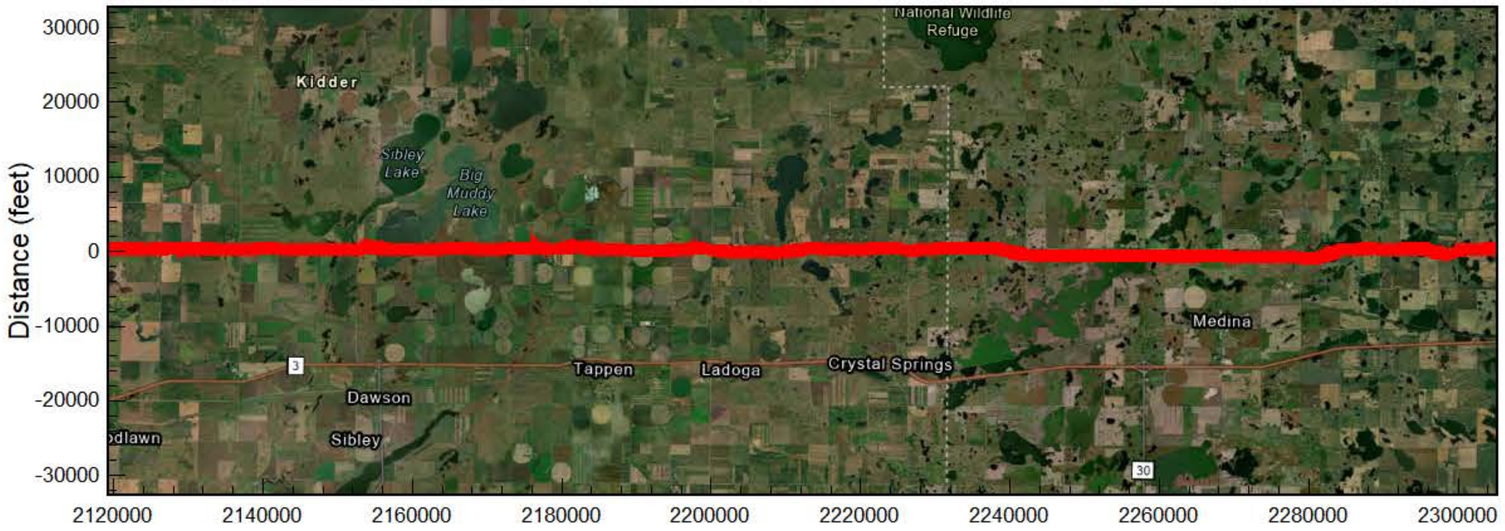


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

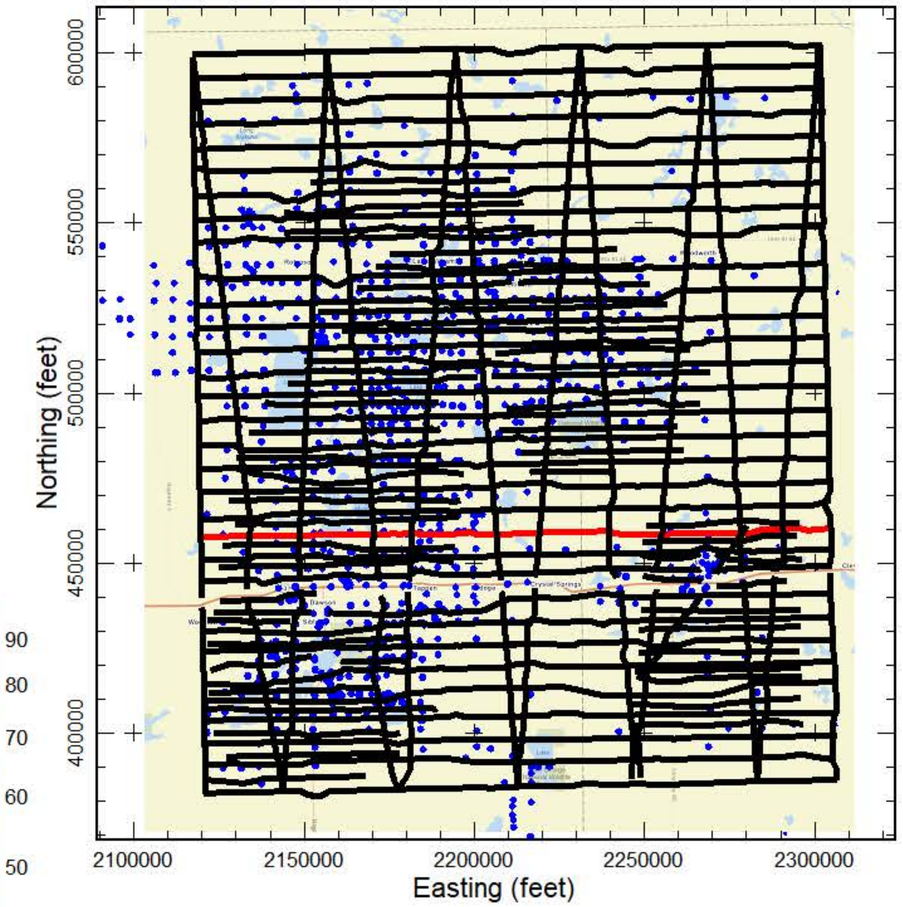
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

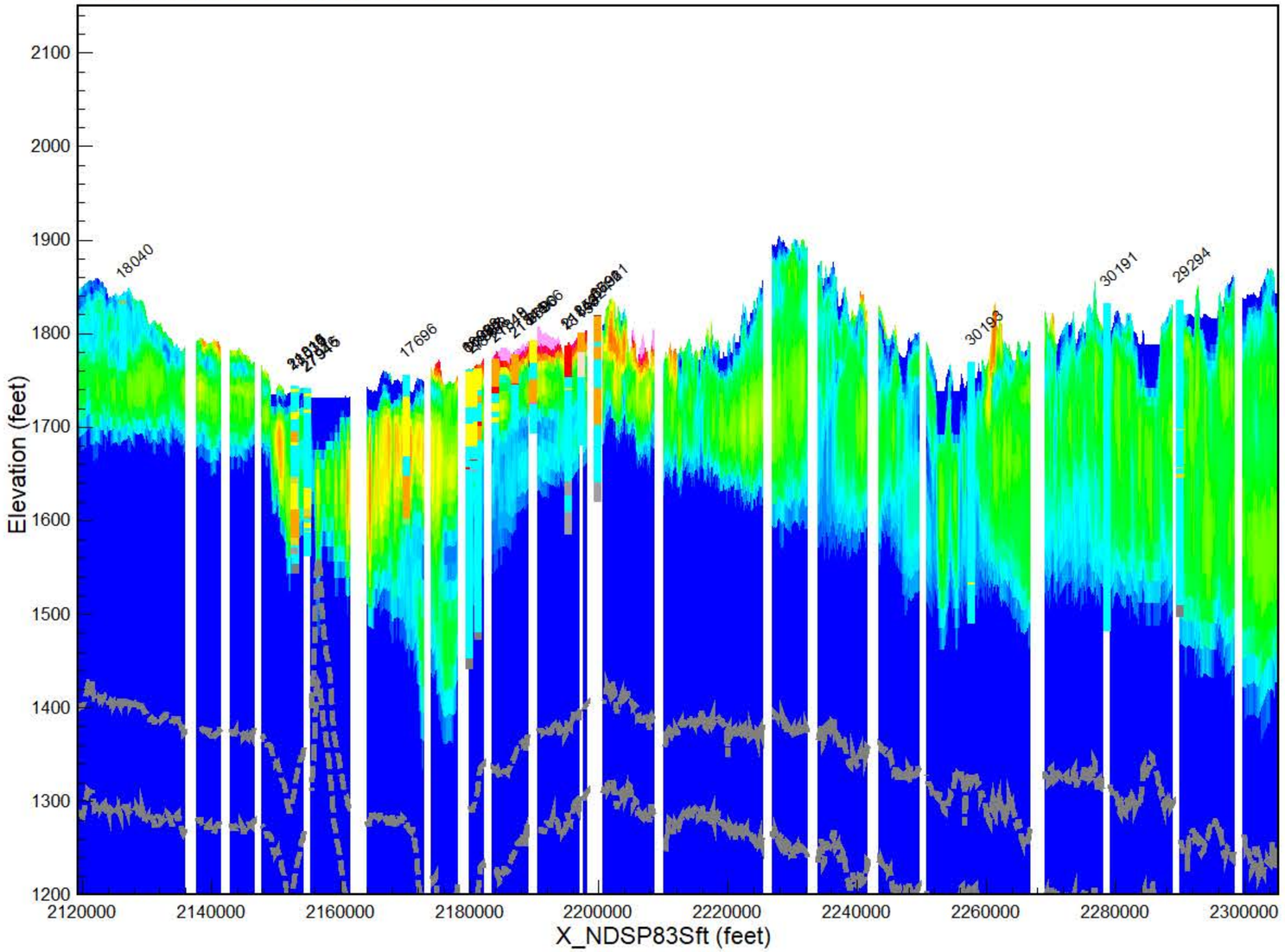
Flight Location Line L102101

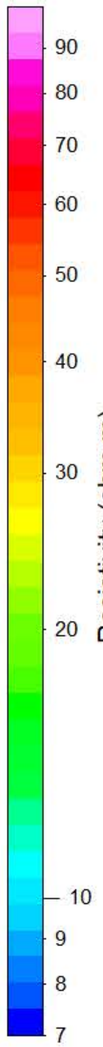


AEM Survey Area 1



Final SCI Resistivity Line L102101



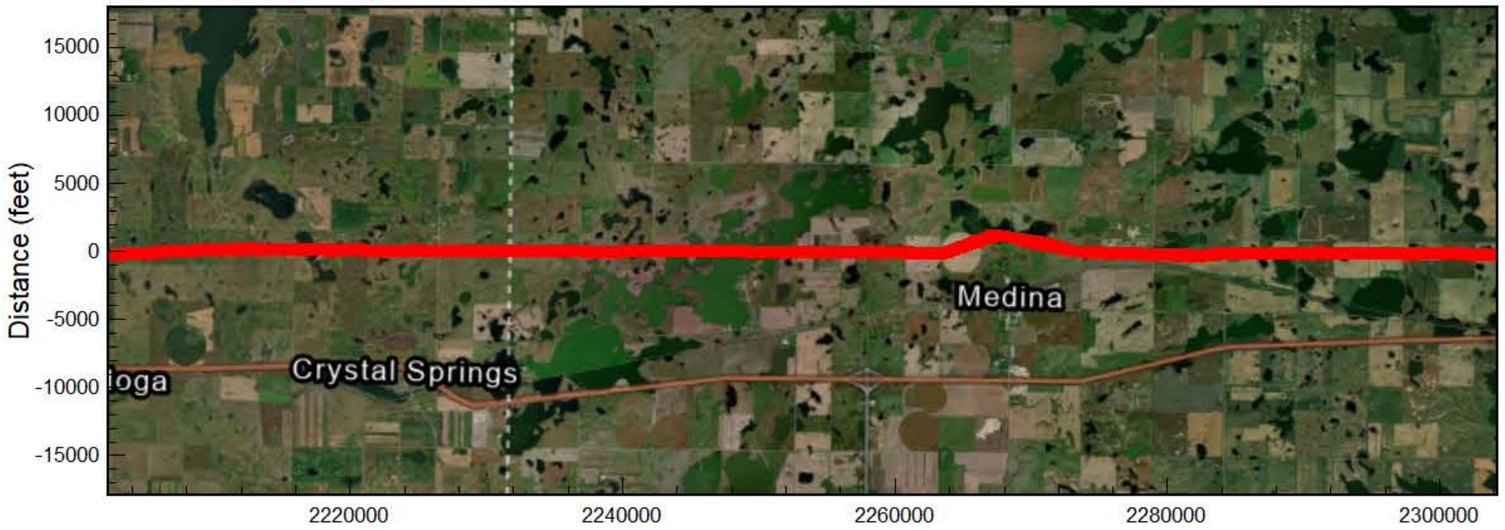


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

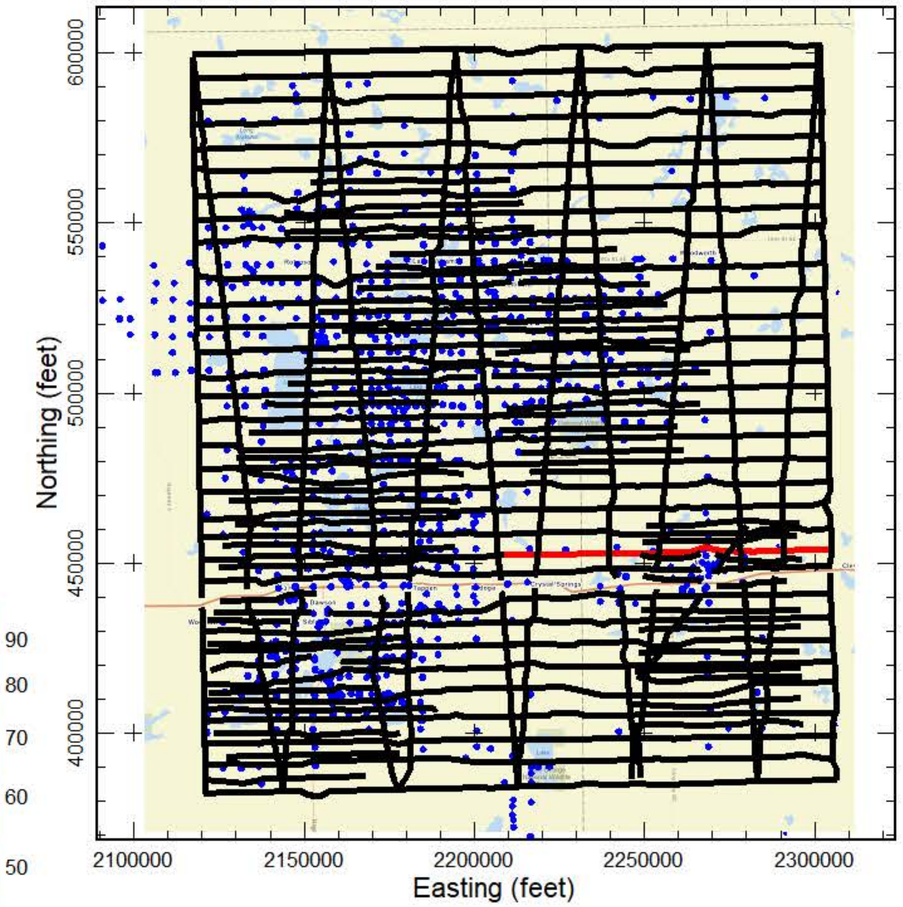
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

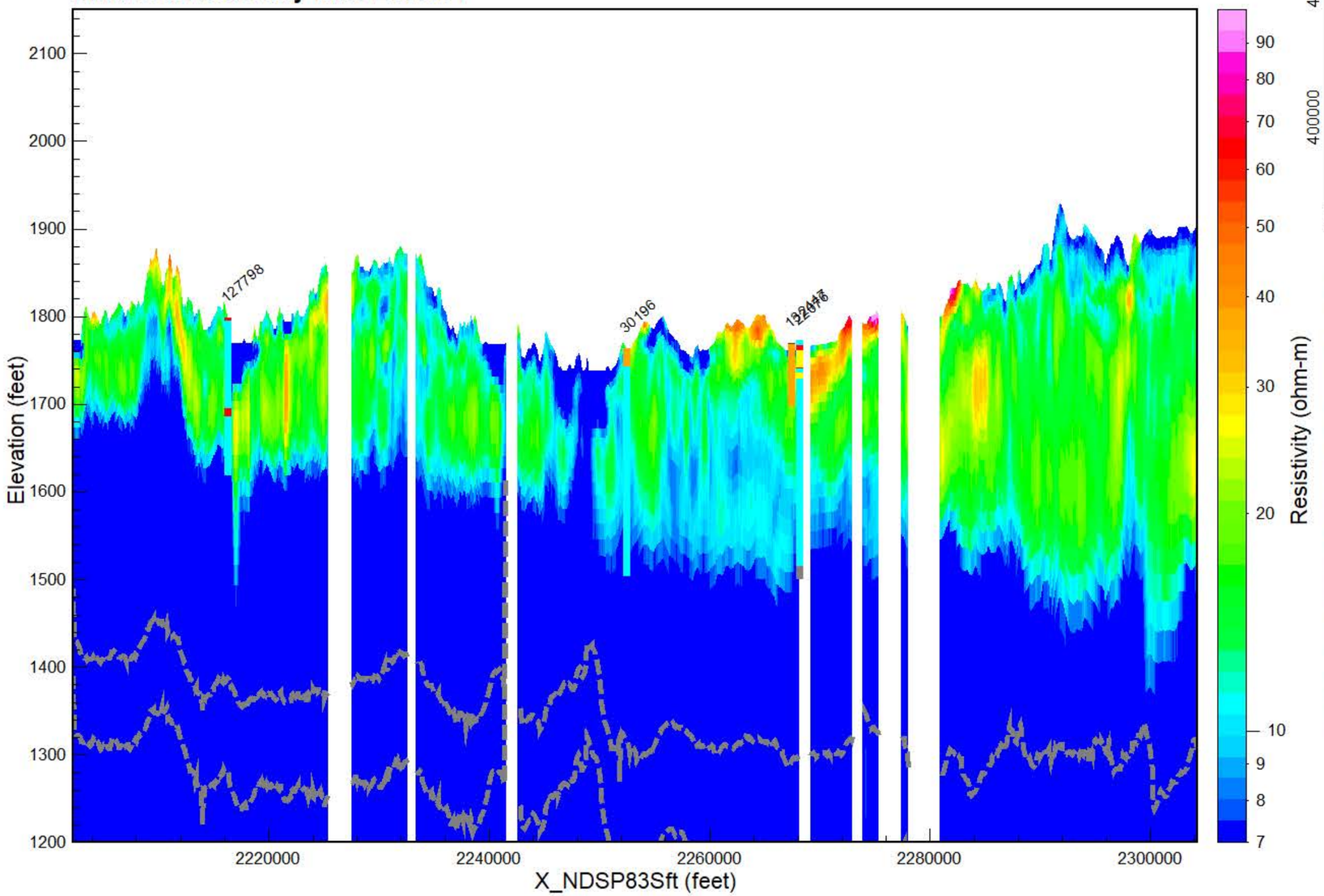
Flight Location Line L102201



AEM Survey Area 1



Final SCI Resistivity Line L102201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

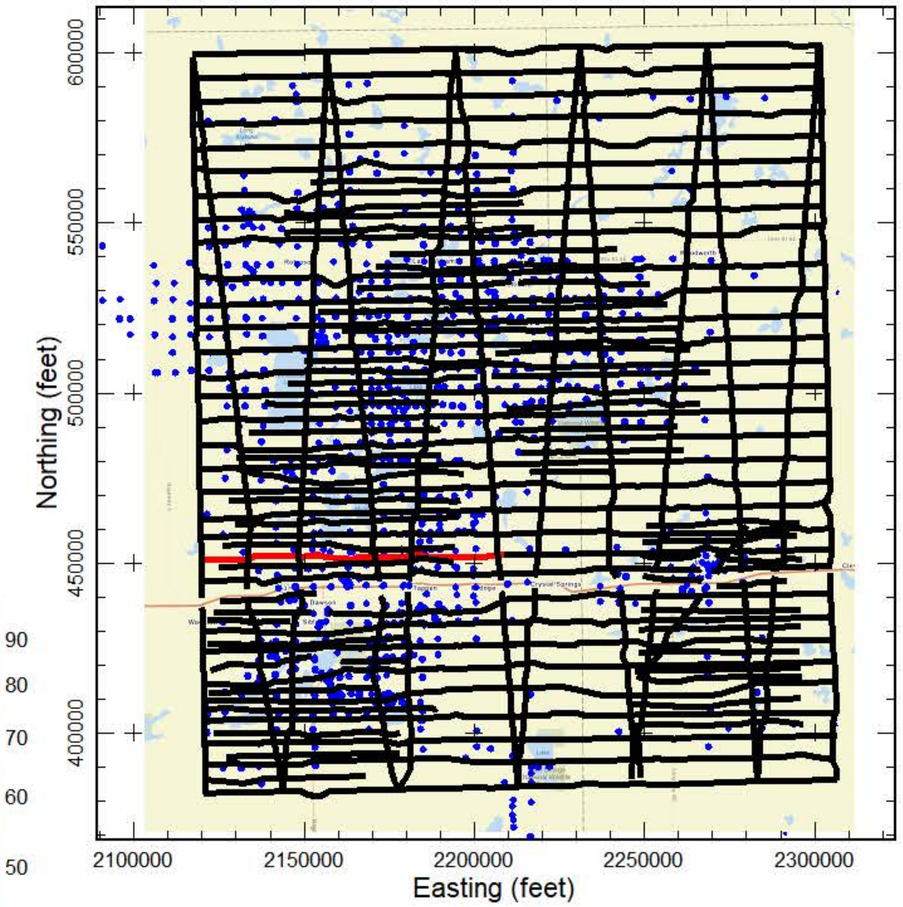
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

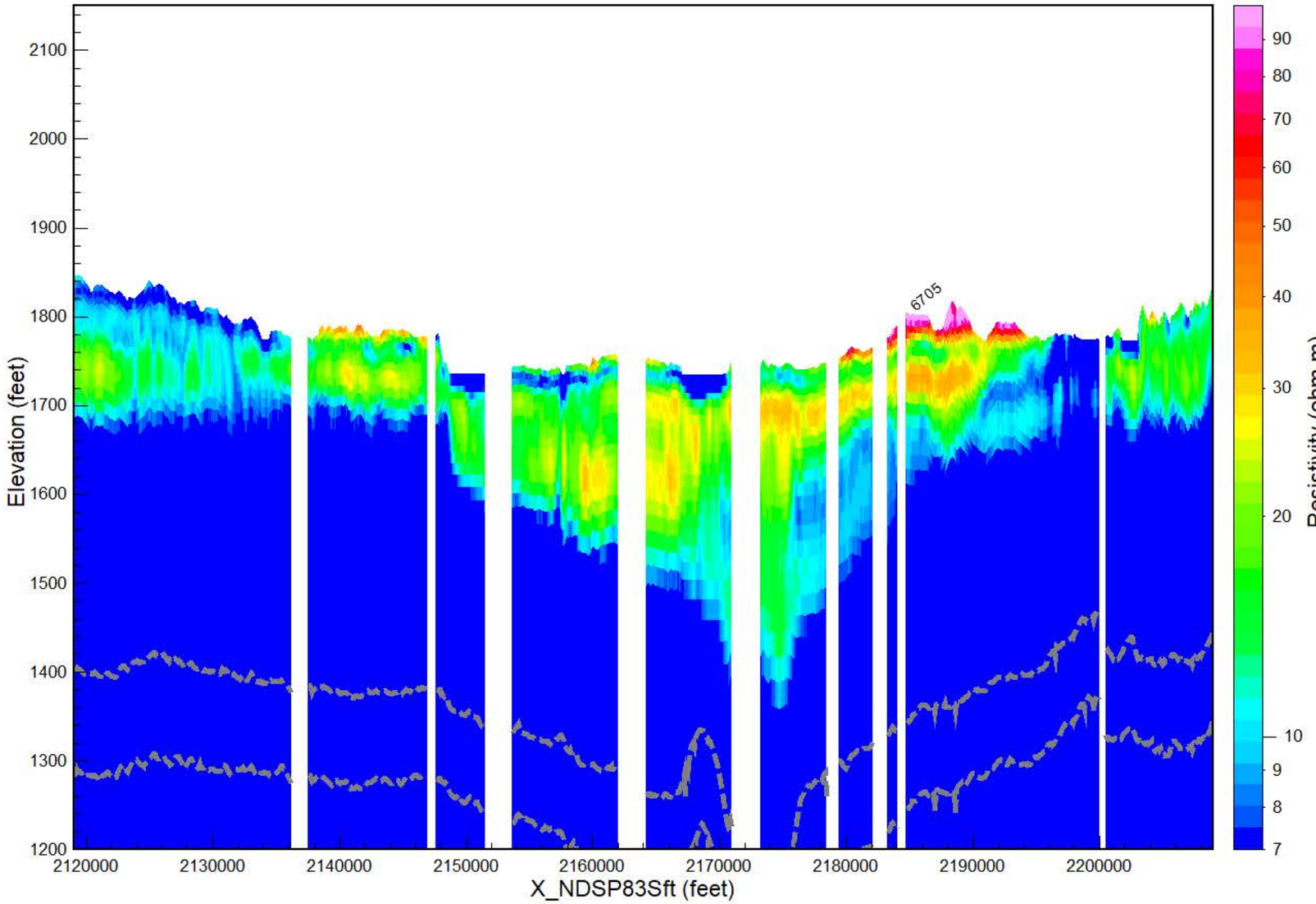
Flight Location Line L102202



AEM Survey Area 1



Final SCI Resistivity Line L102202

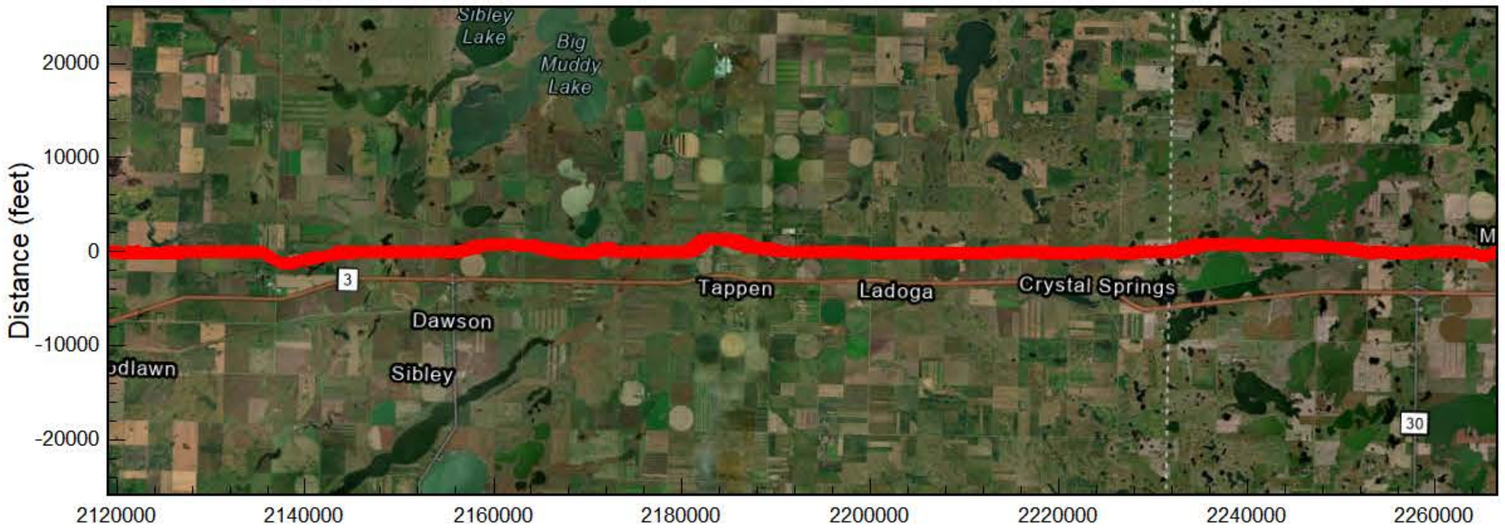


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

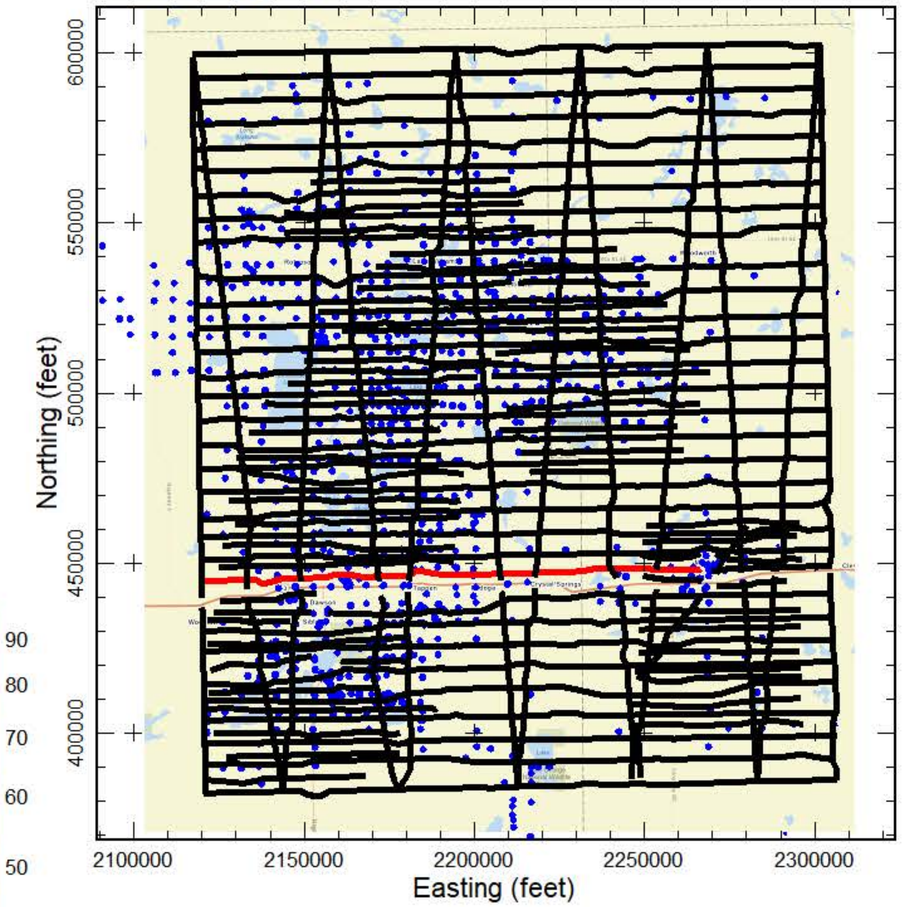
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

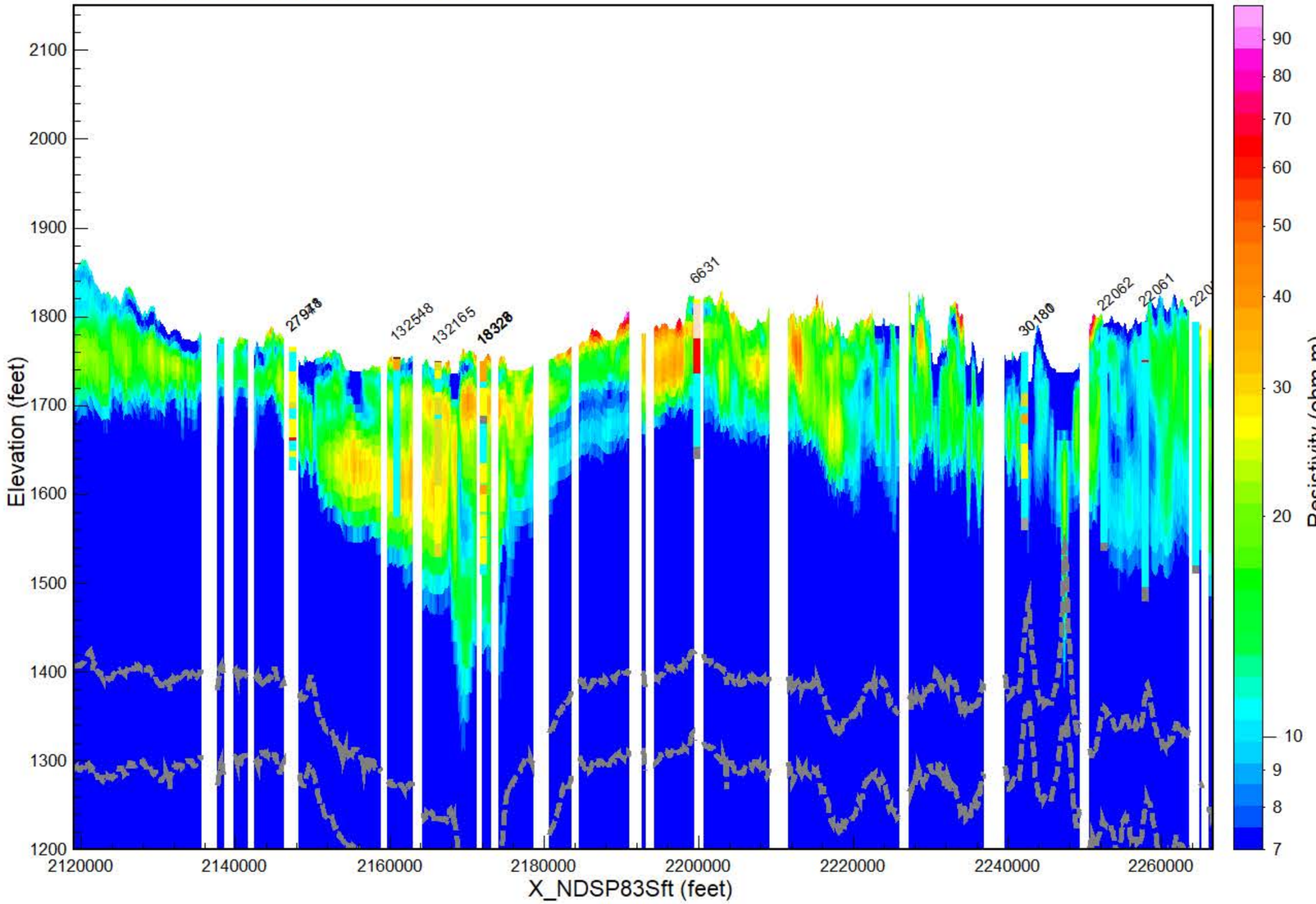
Flight Location Line L102301



AEM Survey Area 1



Final SCI Resistivity Line L102301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

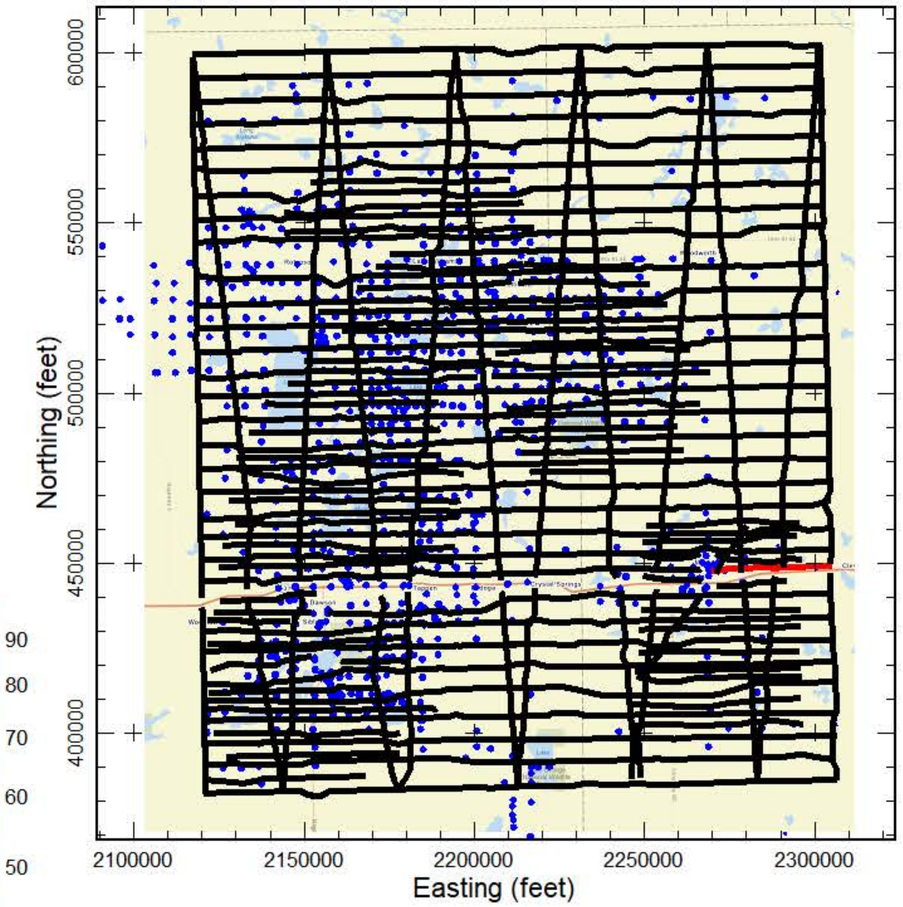
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

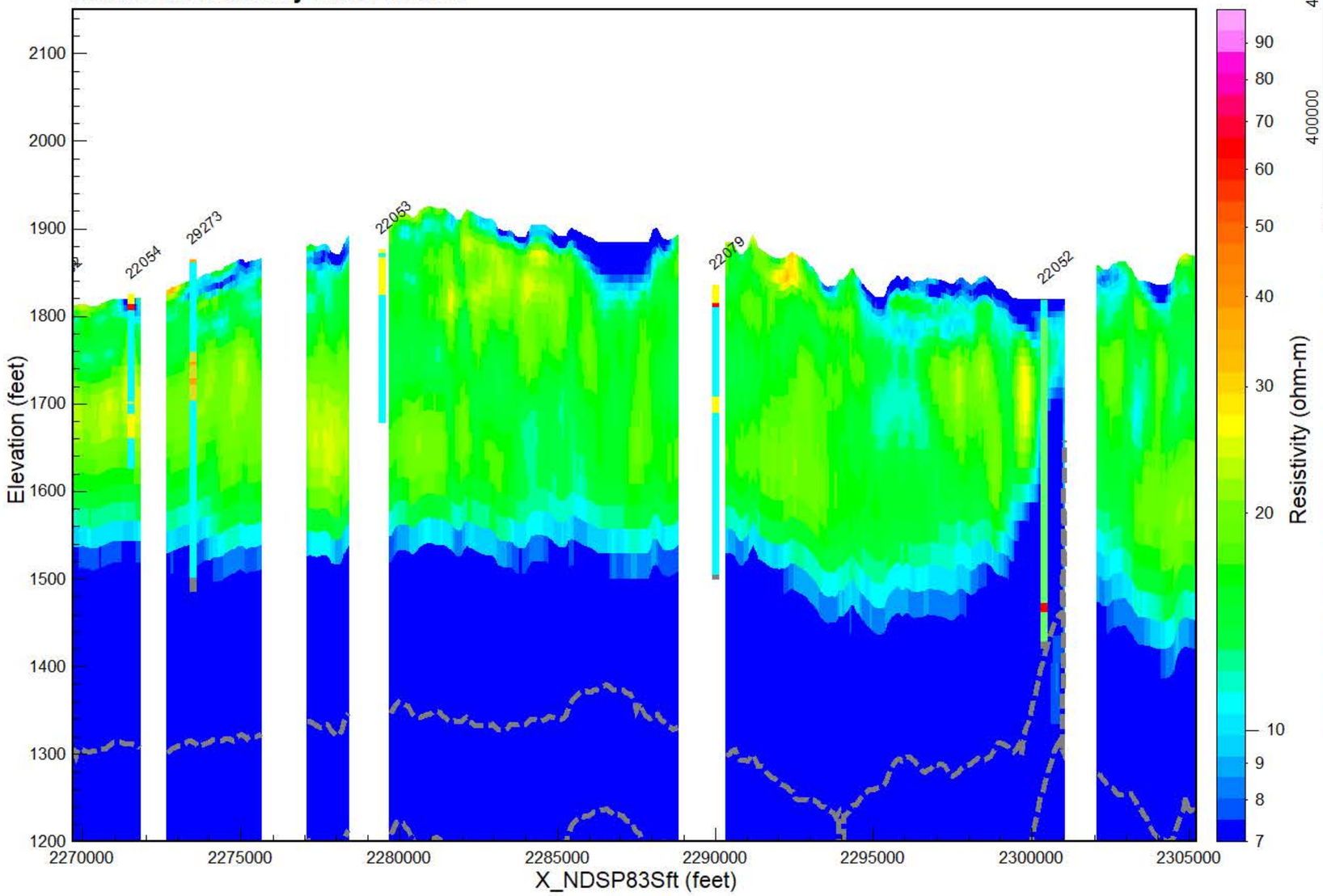
Flight Location Line L102302



AEM Survey Area 1



Final SCI Resistivity Line L102302



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

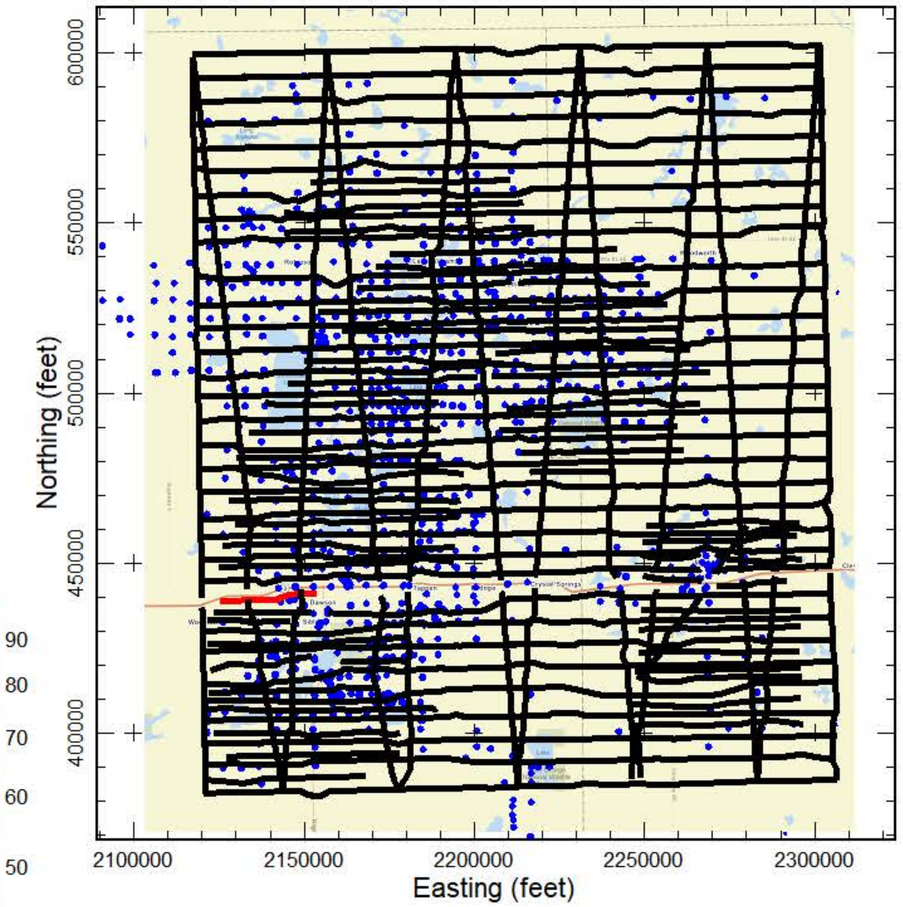
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

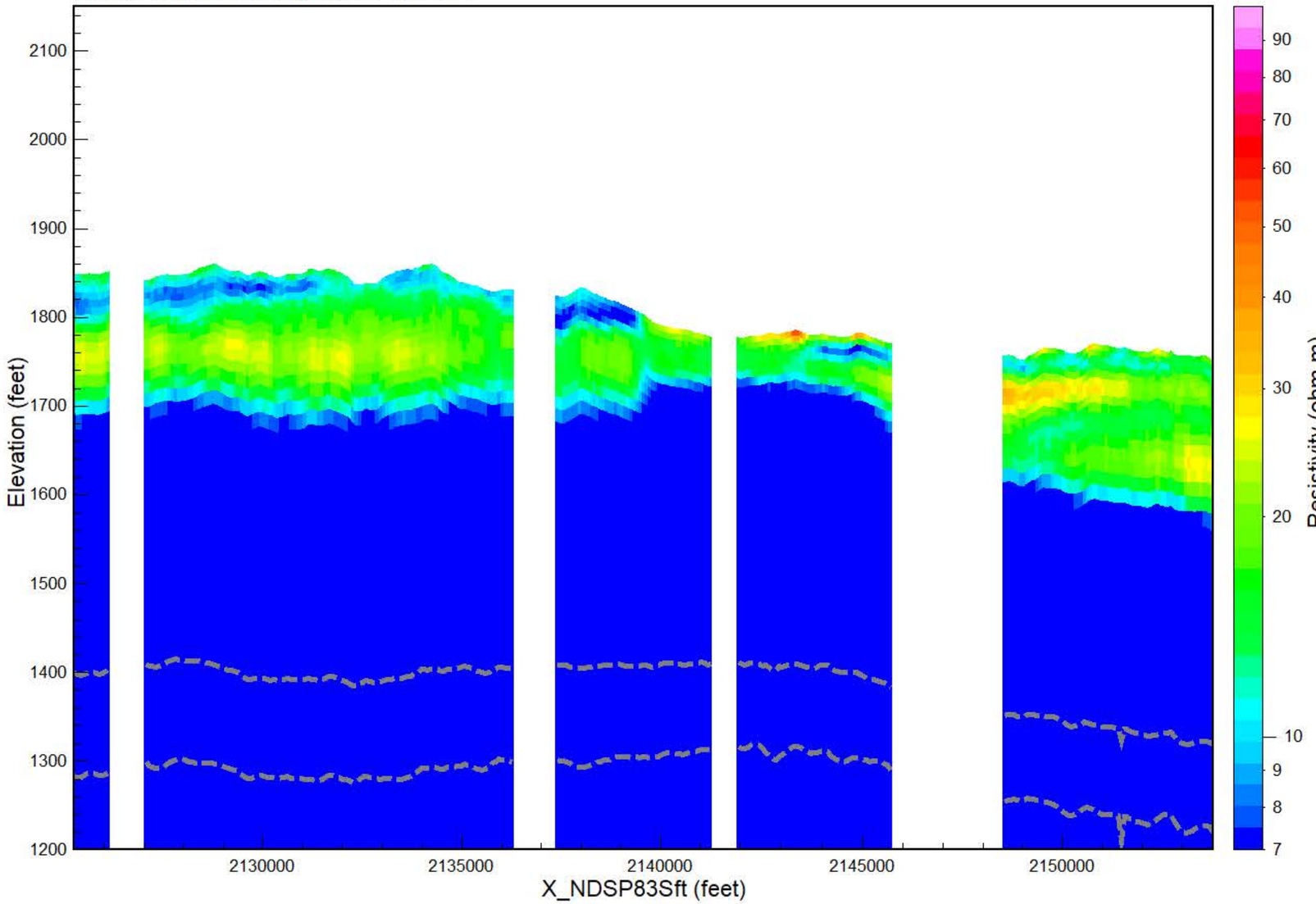
Flight Location Line L102401



AEM Survey Area 1



Final SCI Resistivity Line L102401

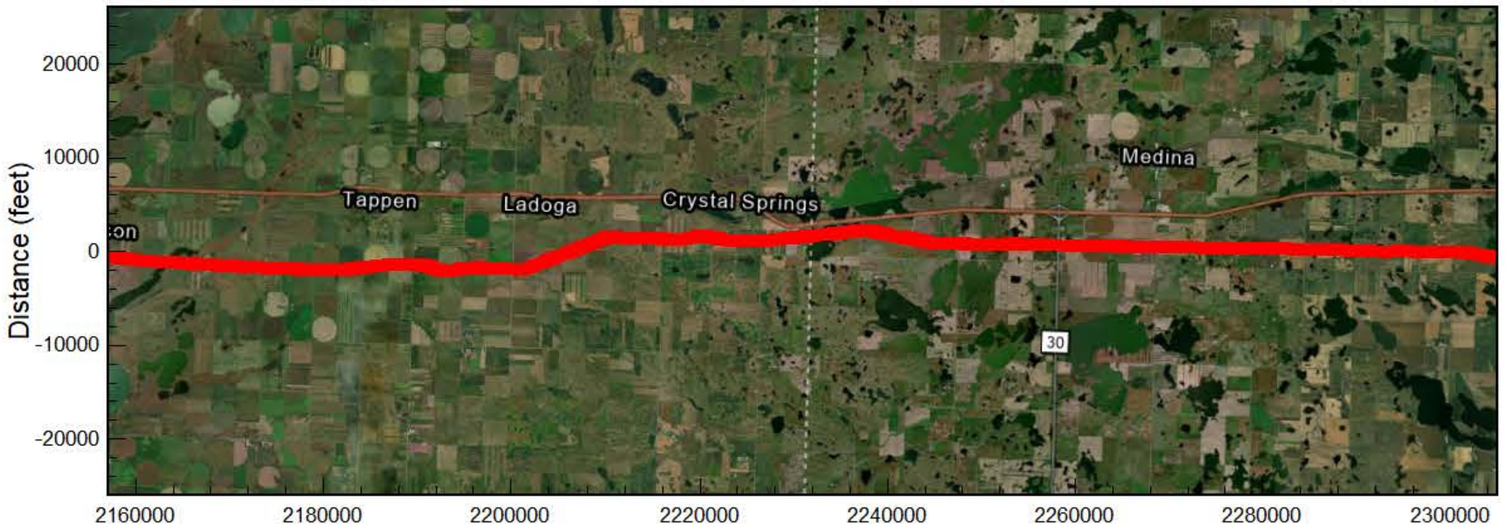


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

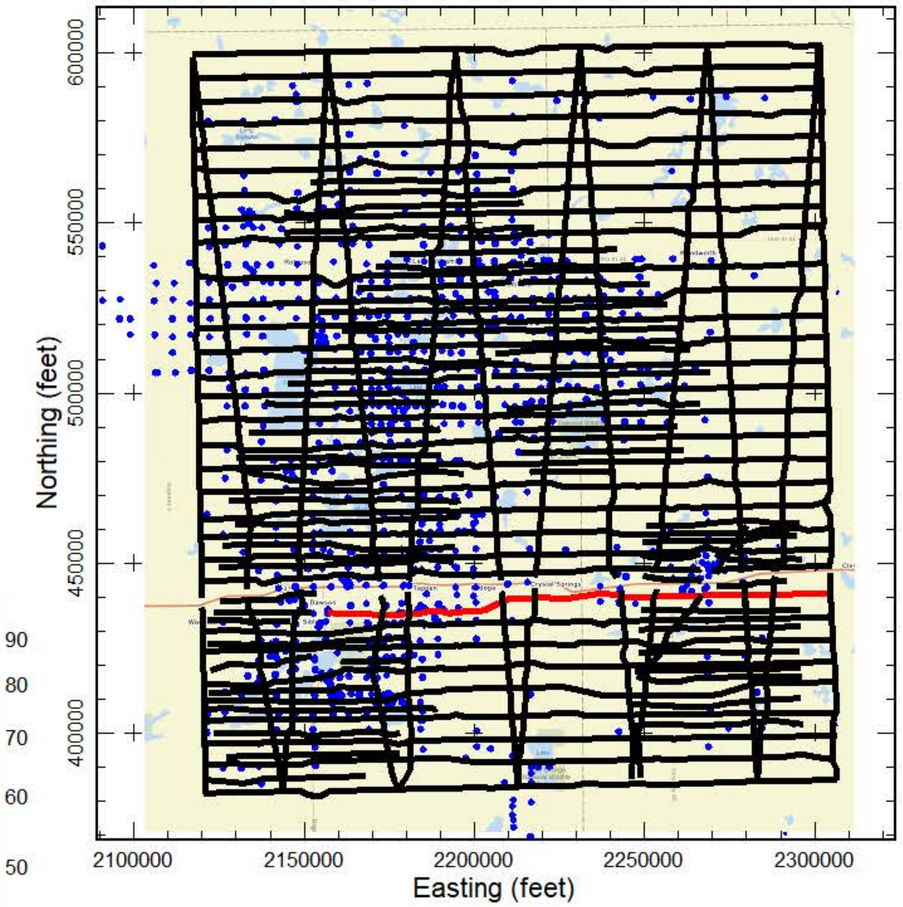
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

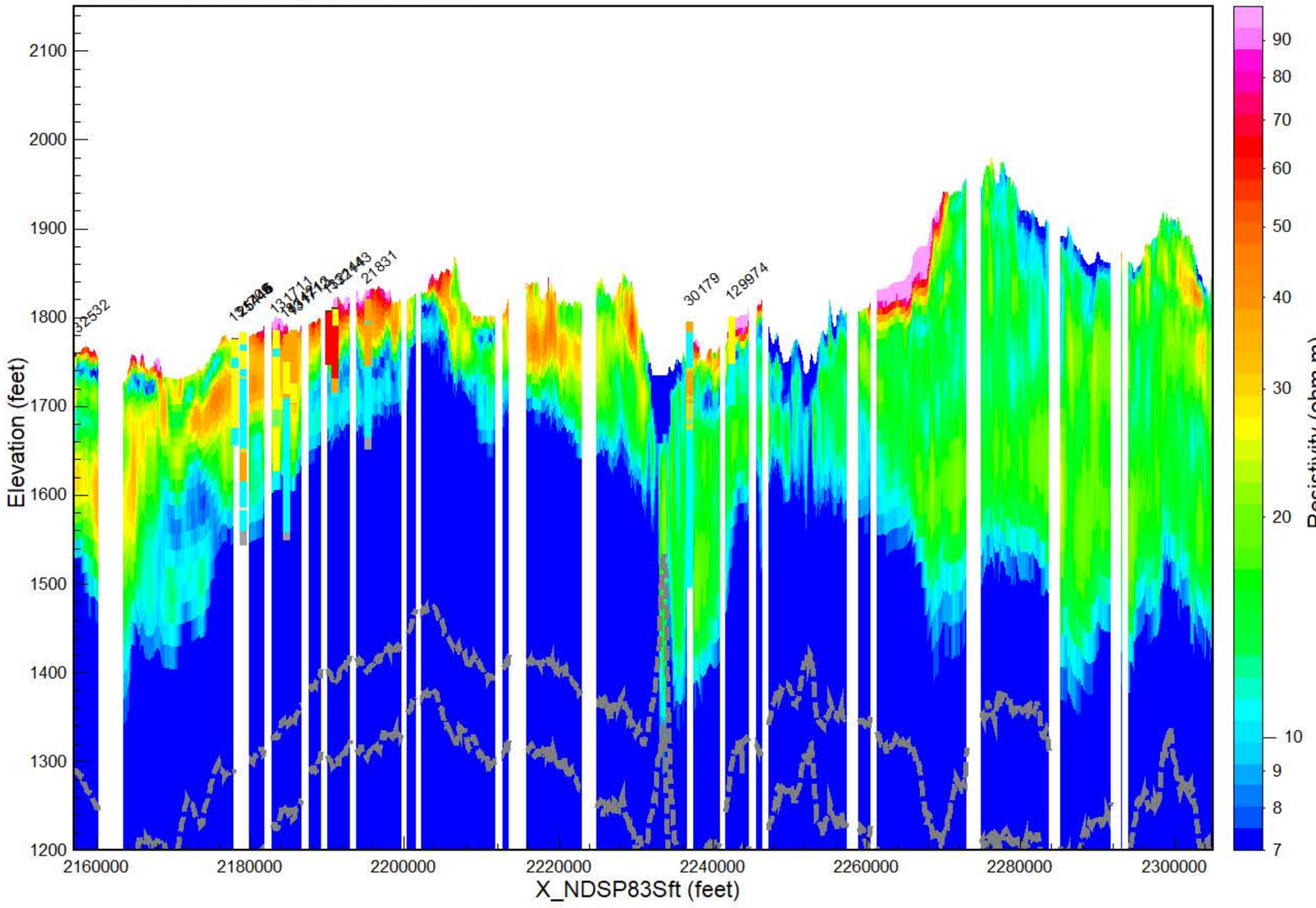
Flight Location Line L102402



AEM Survey Area 1



Final SCI Resistivity Line L102402

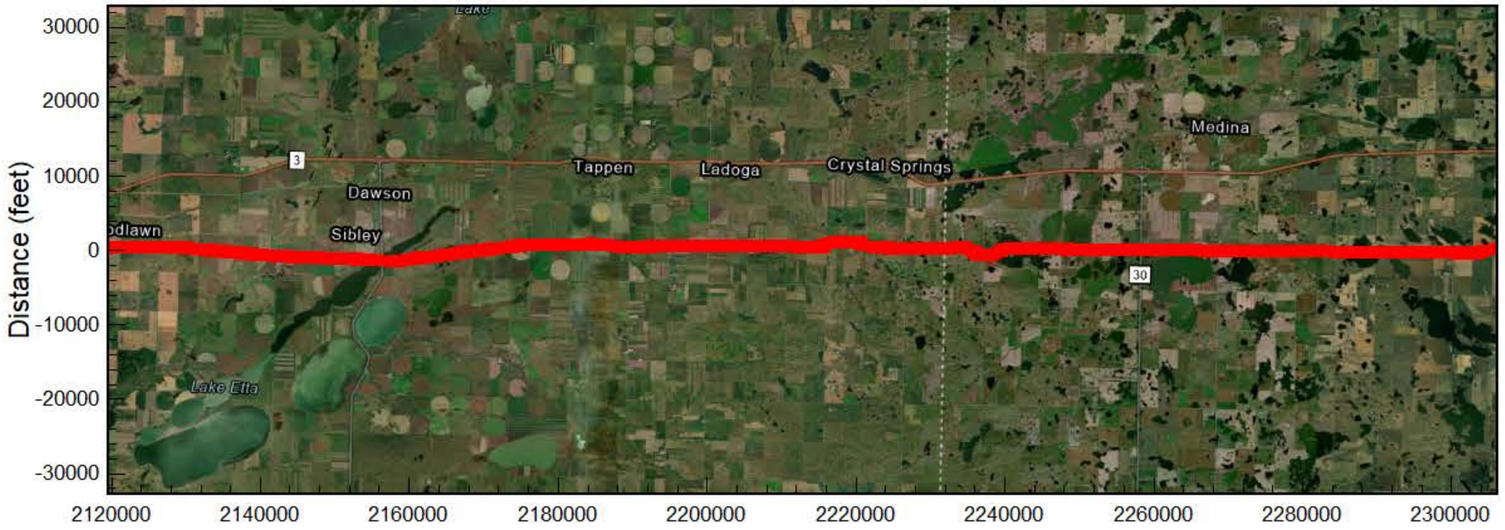


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

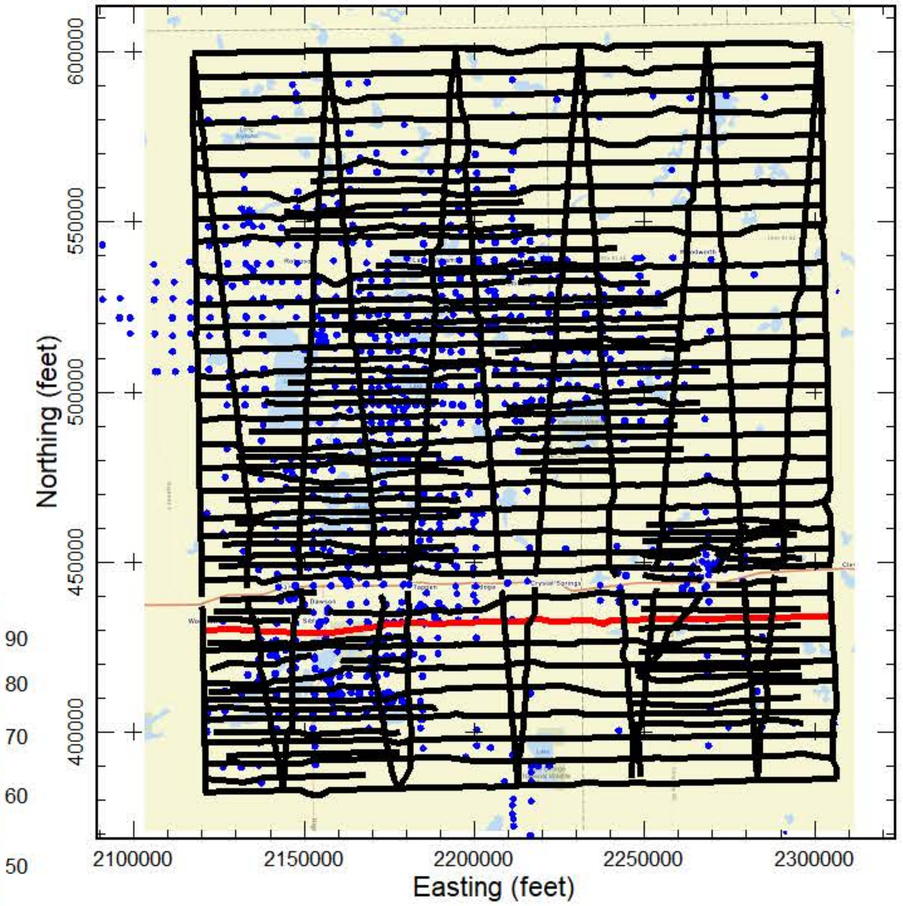
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

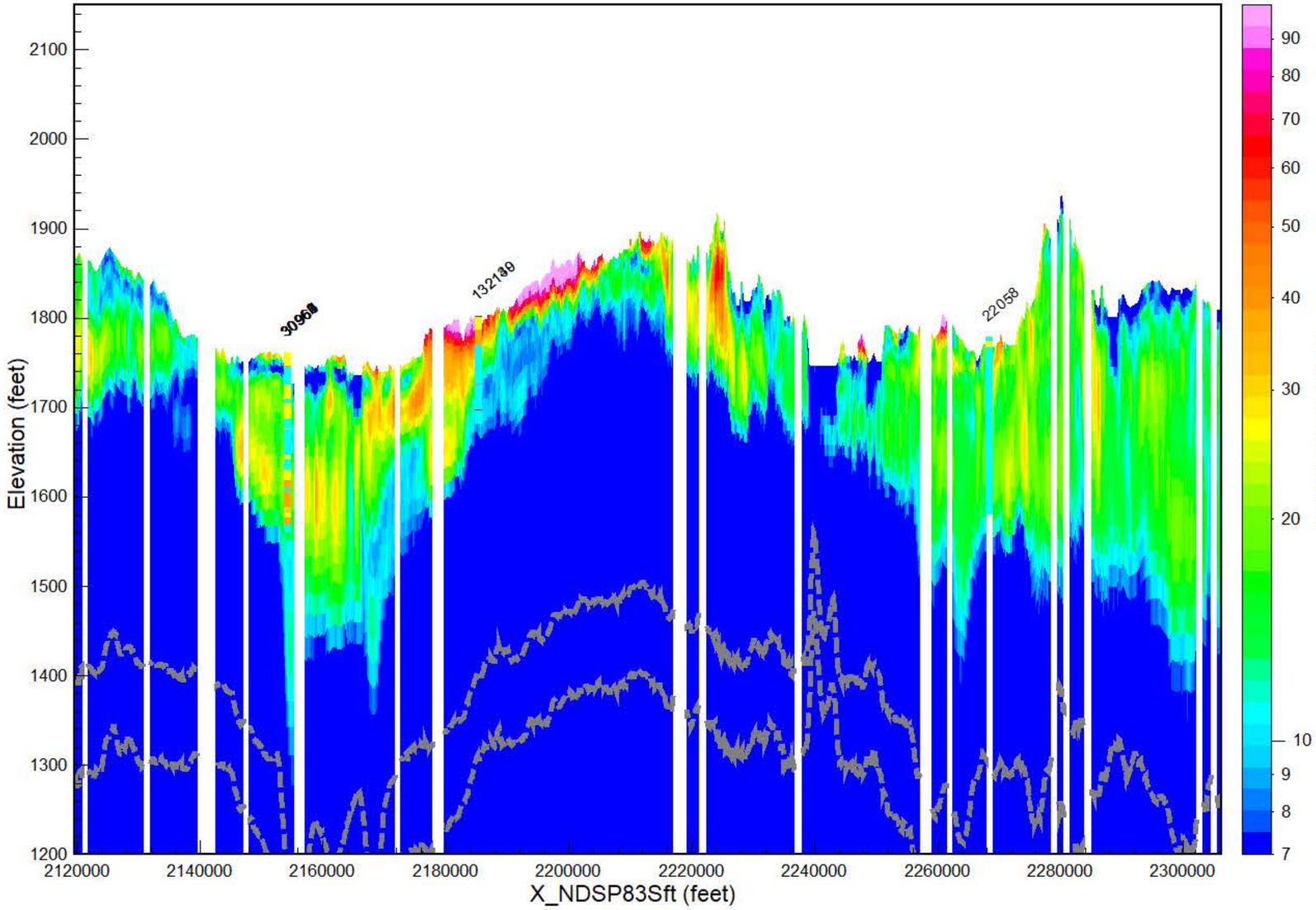
Flight Location Line L102501



AEM Survey Area 1



Final SCI Resistivity Line L102501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

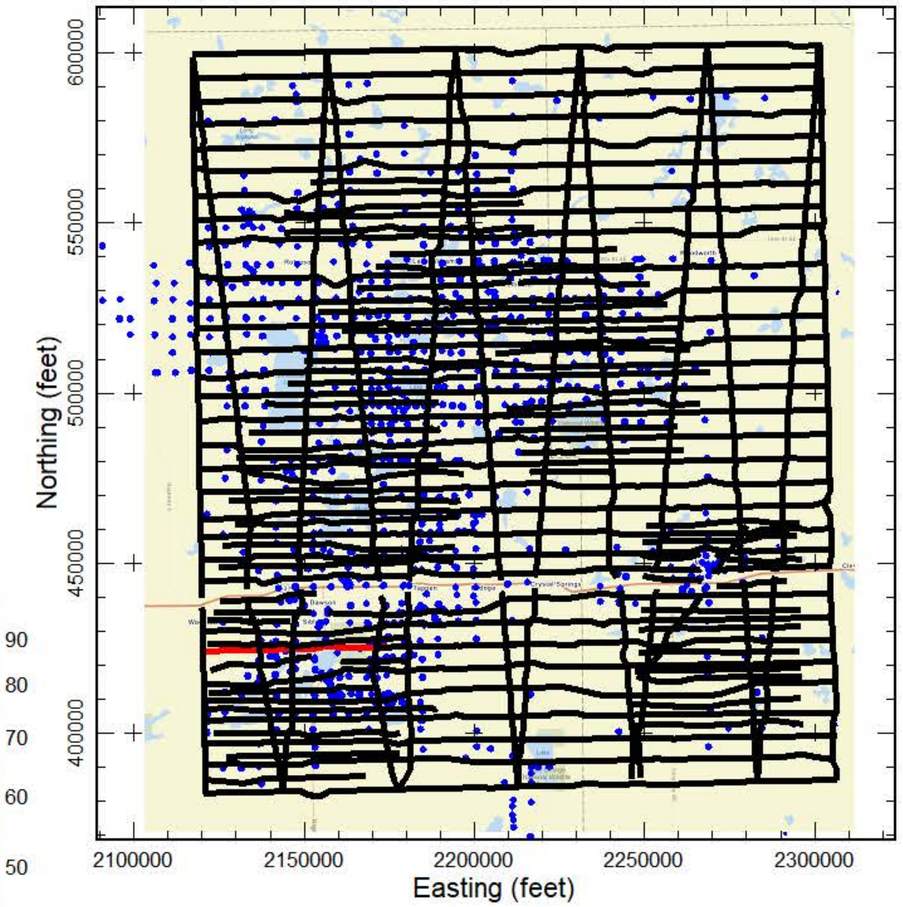
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

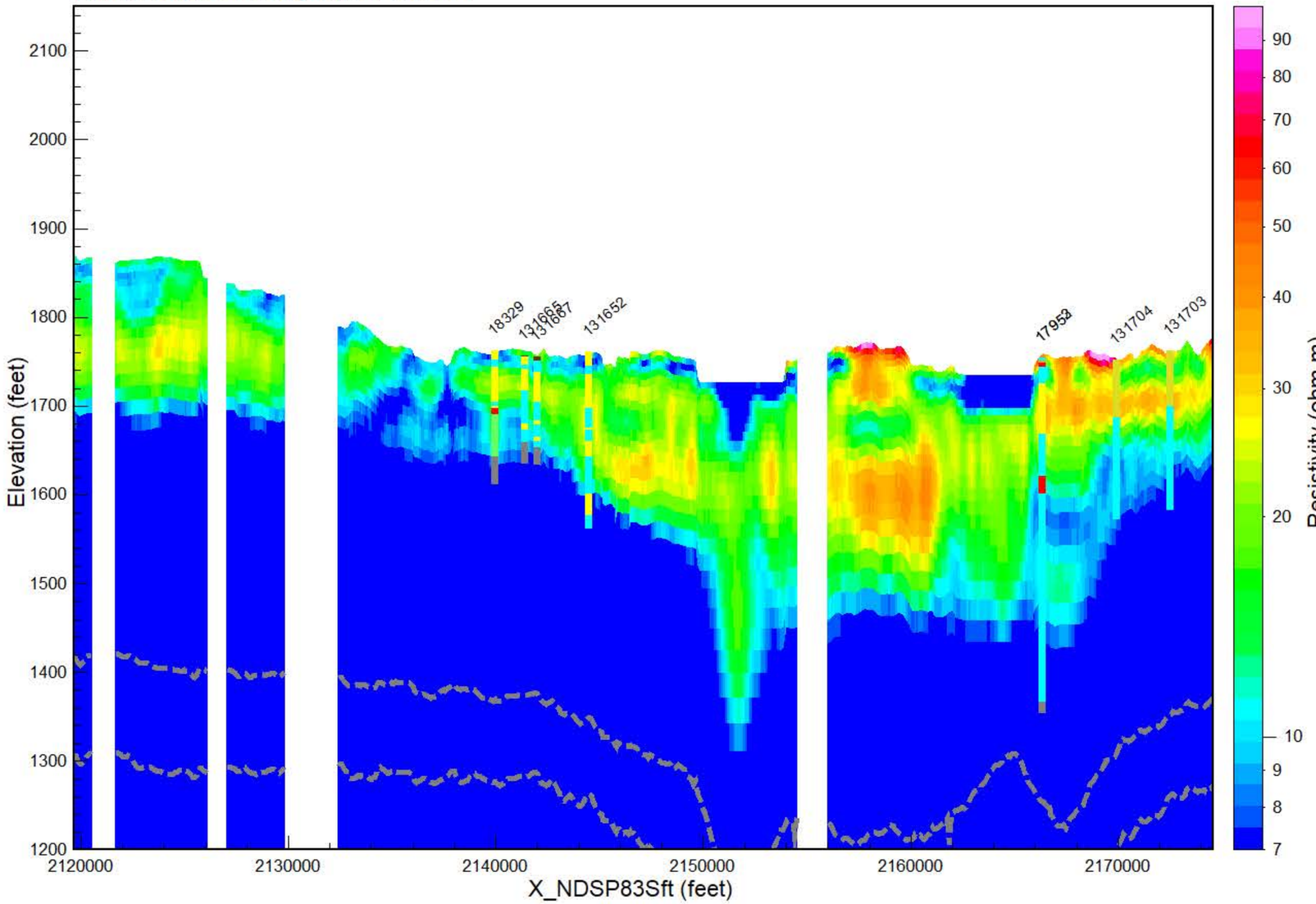
Flight Location Line L102601



AEM Survey Area 1



Final SCI Resistivity Line L102601

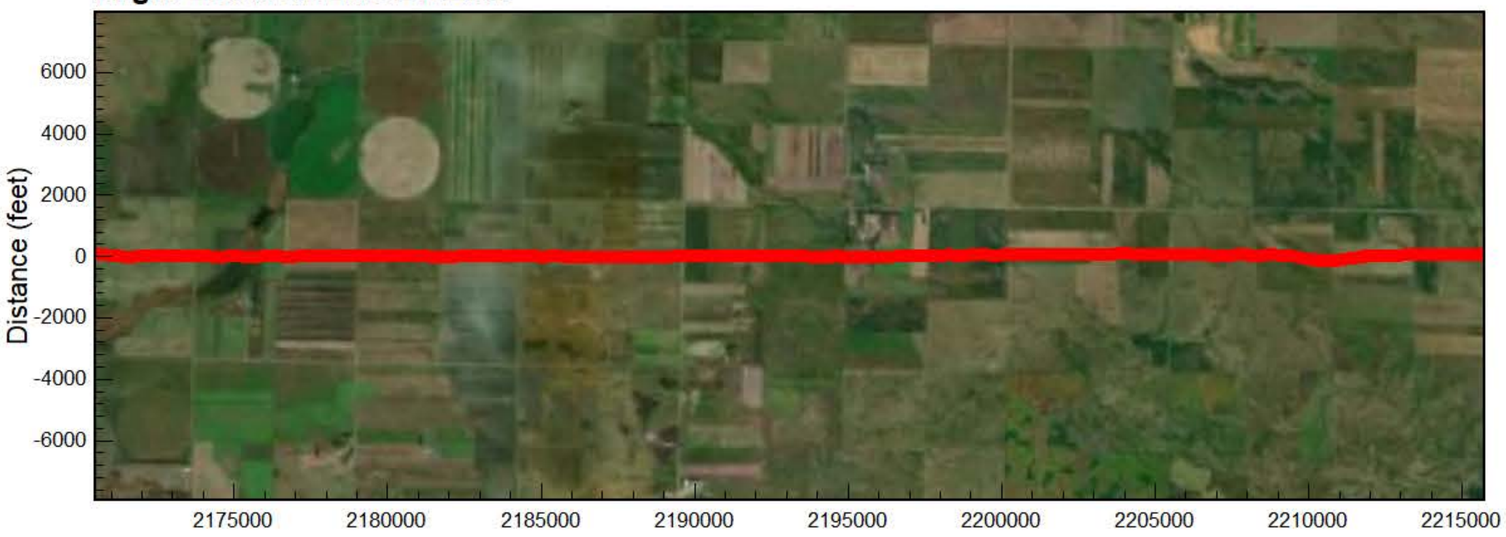


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

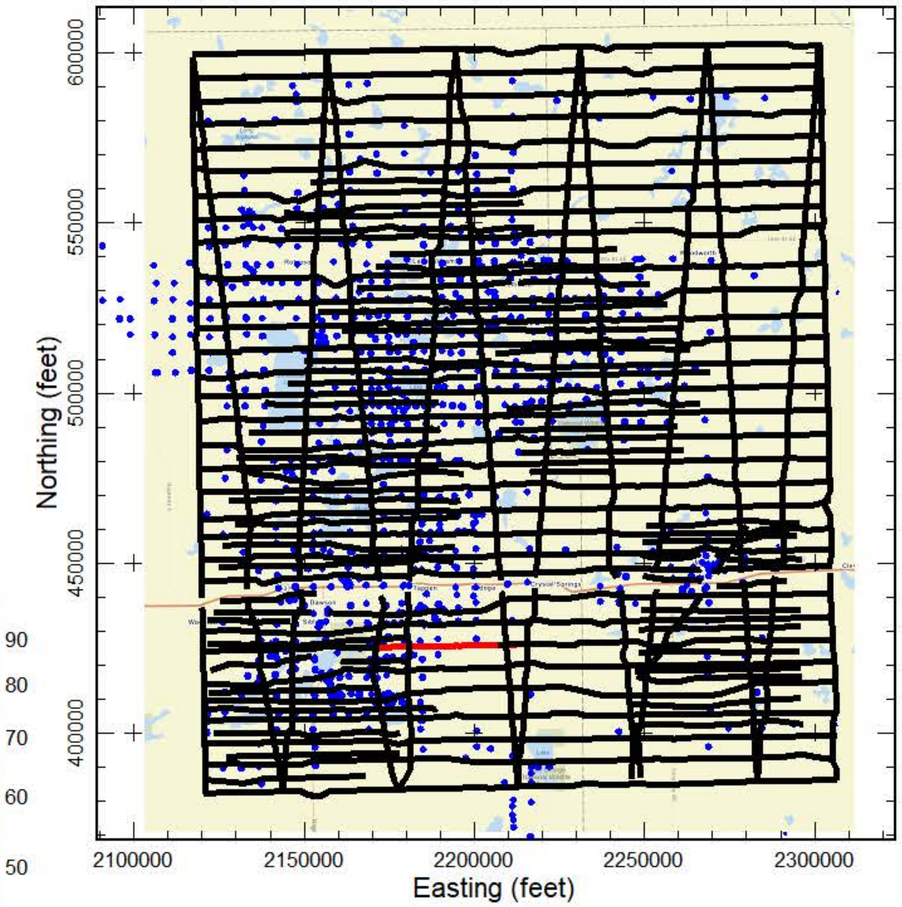
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

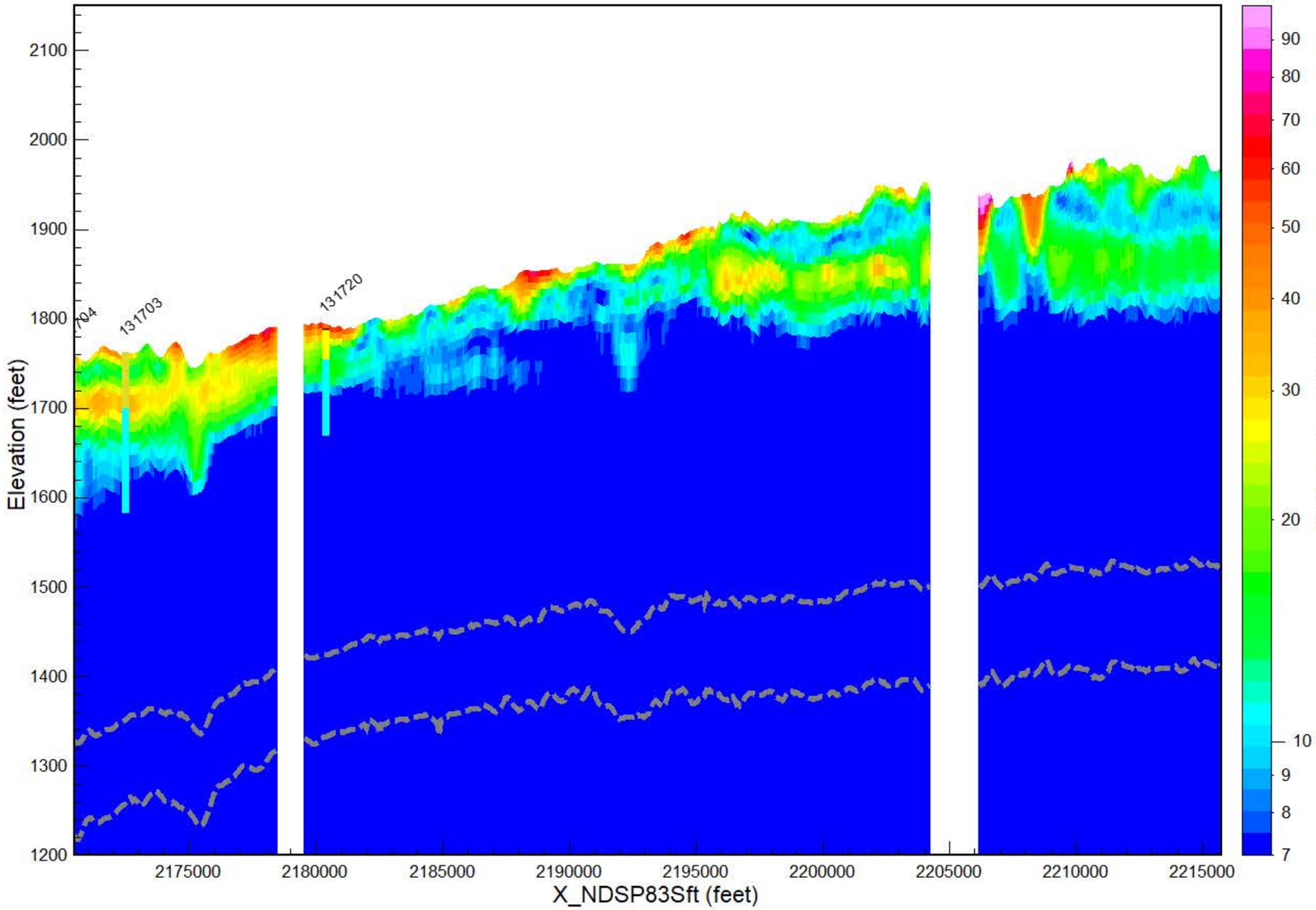
Flight Location Line L102602



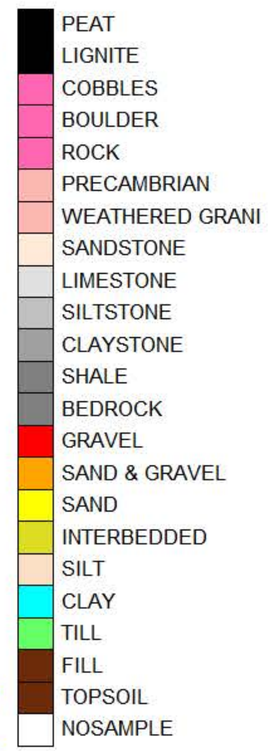
AEM Survey Area 1



Final SCI Resistivity Line L102602

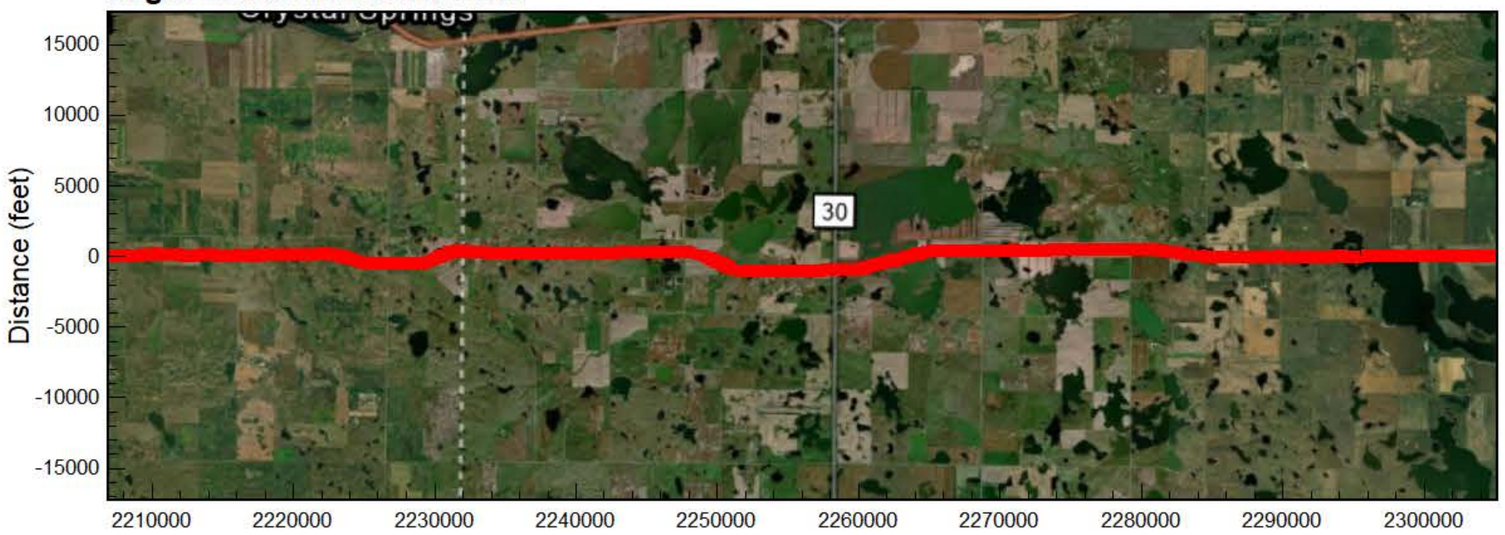


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

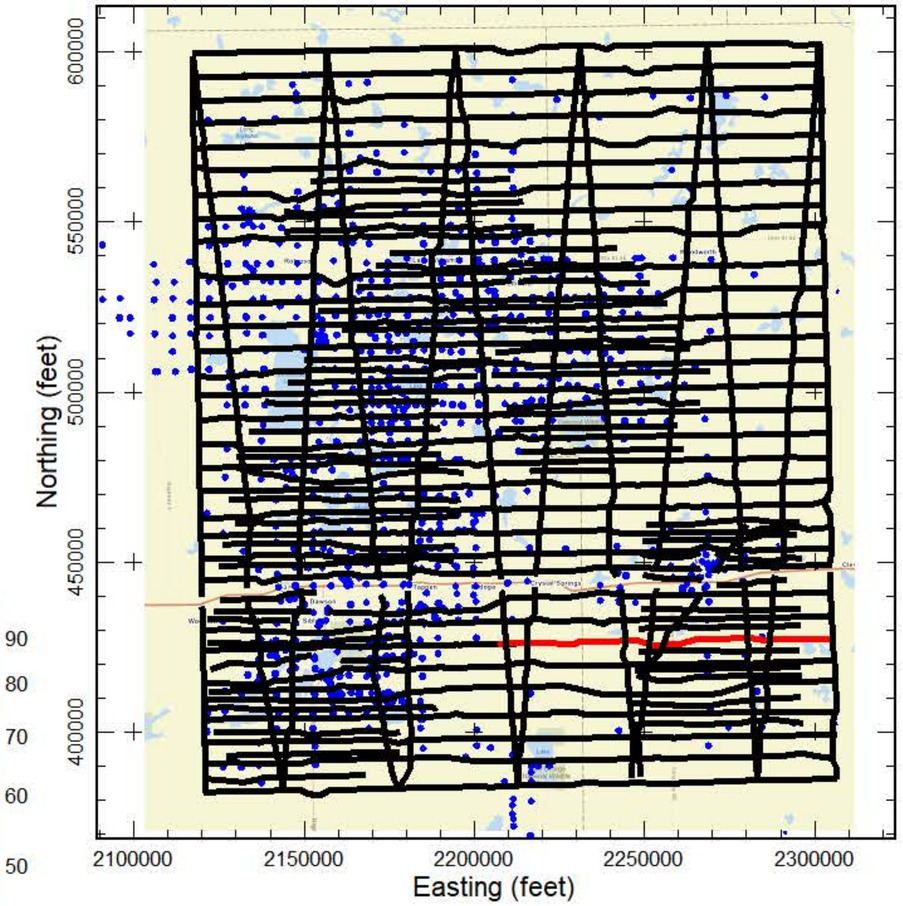


AGF
Aqua Geo Frameworks

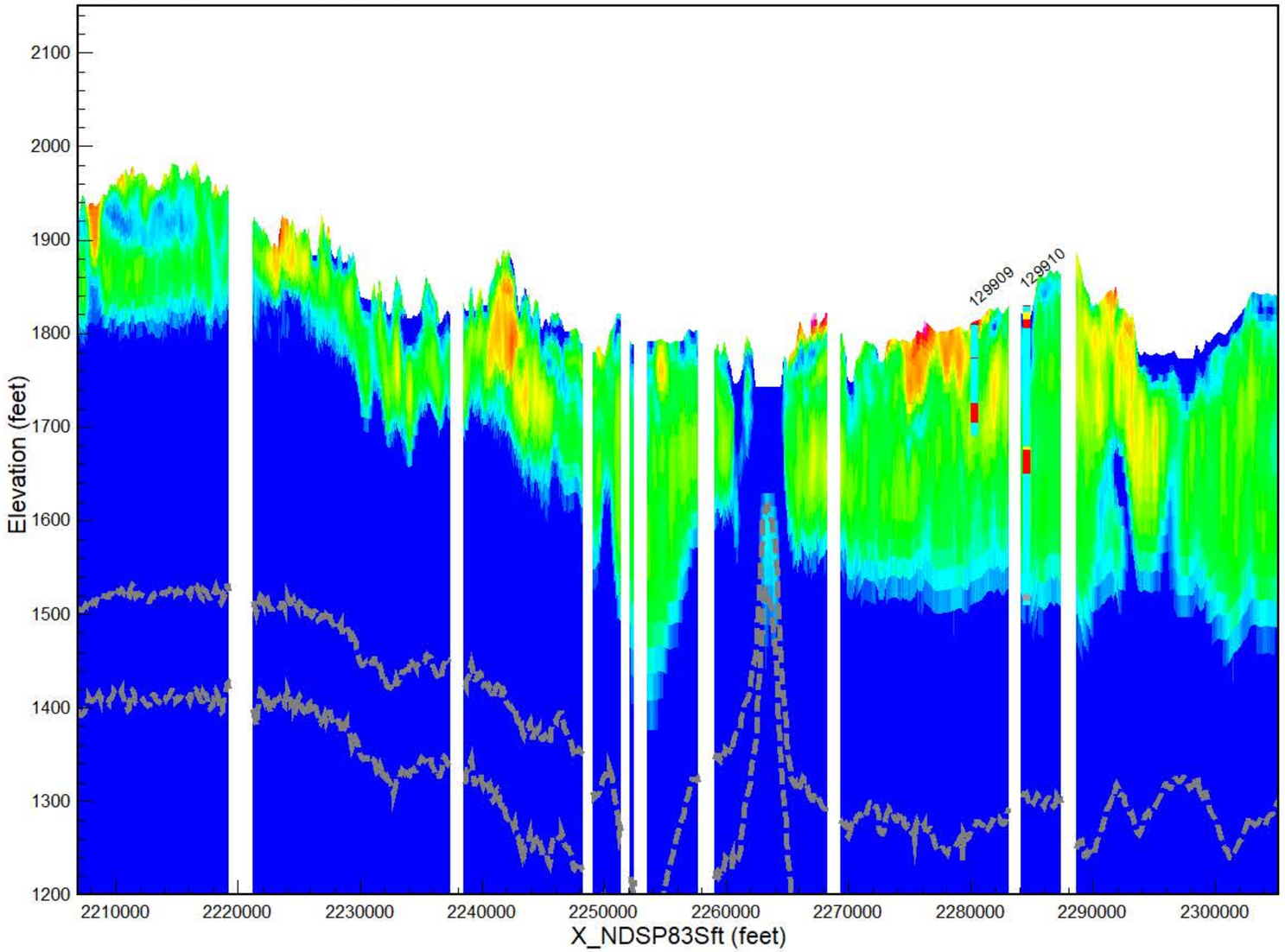
Flight Location Line L102603

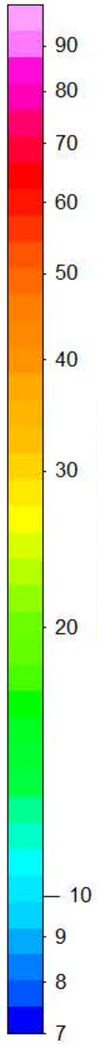


AEM Survey Area 1

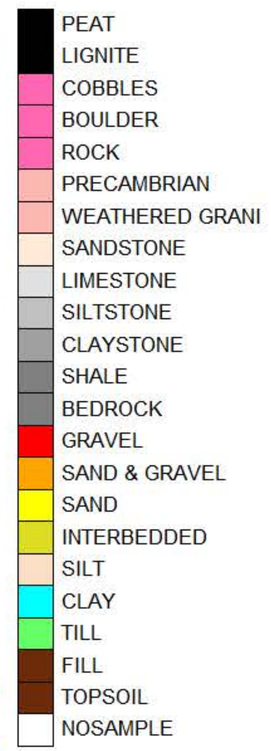


Final SCI Resistivity Line L102603



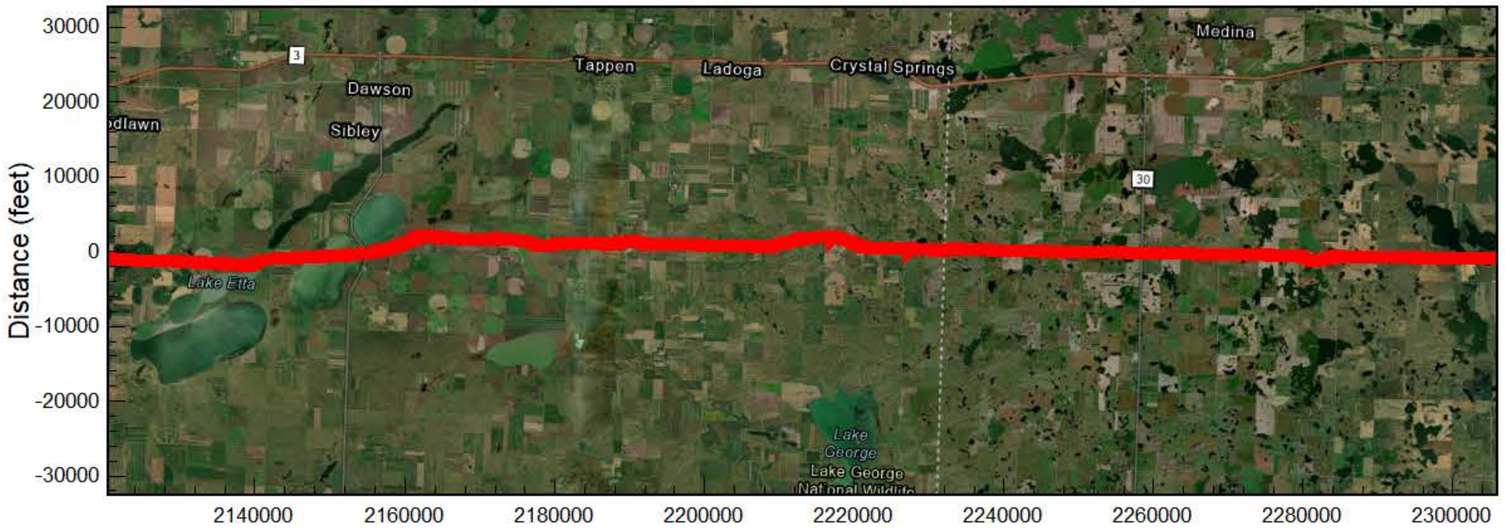


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

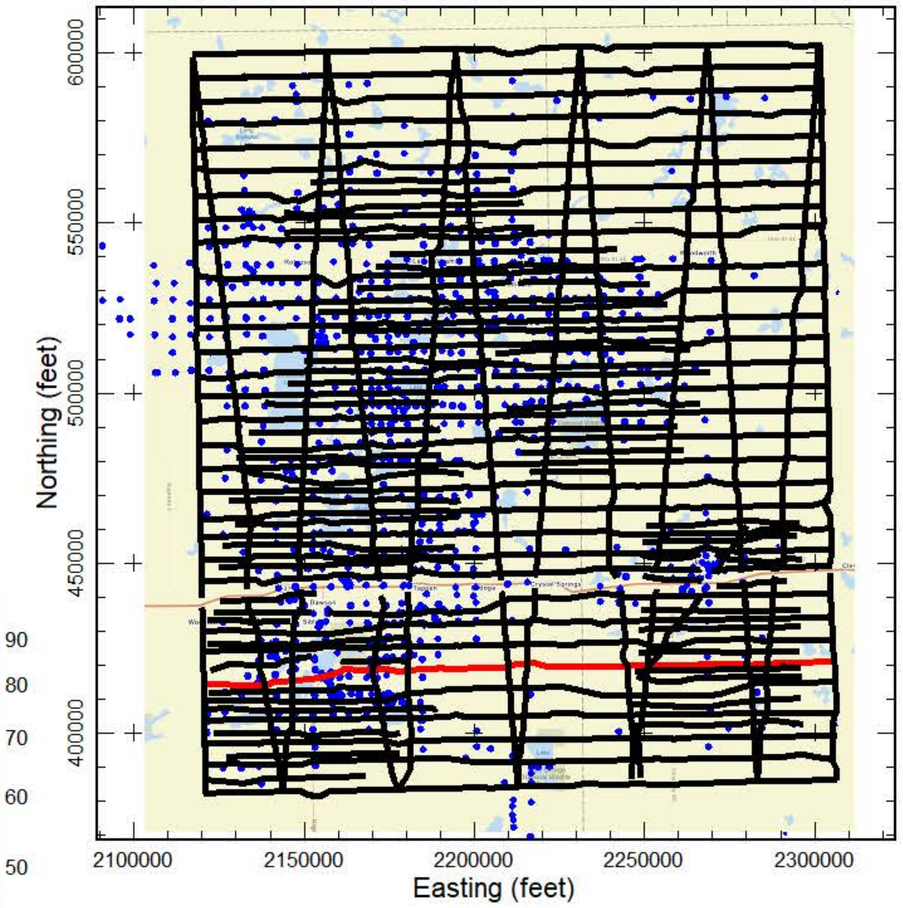


AGF
Aqua Geo Frameworks

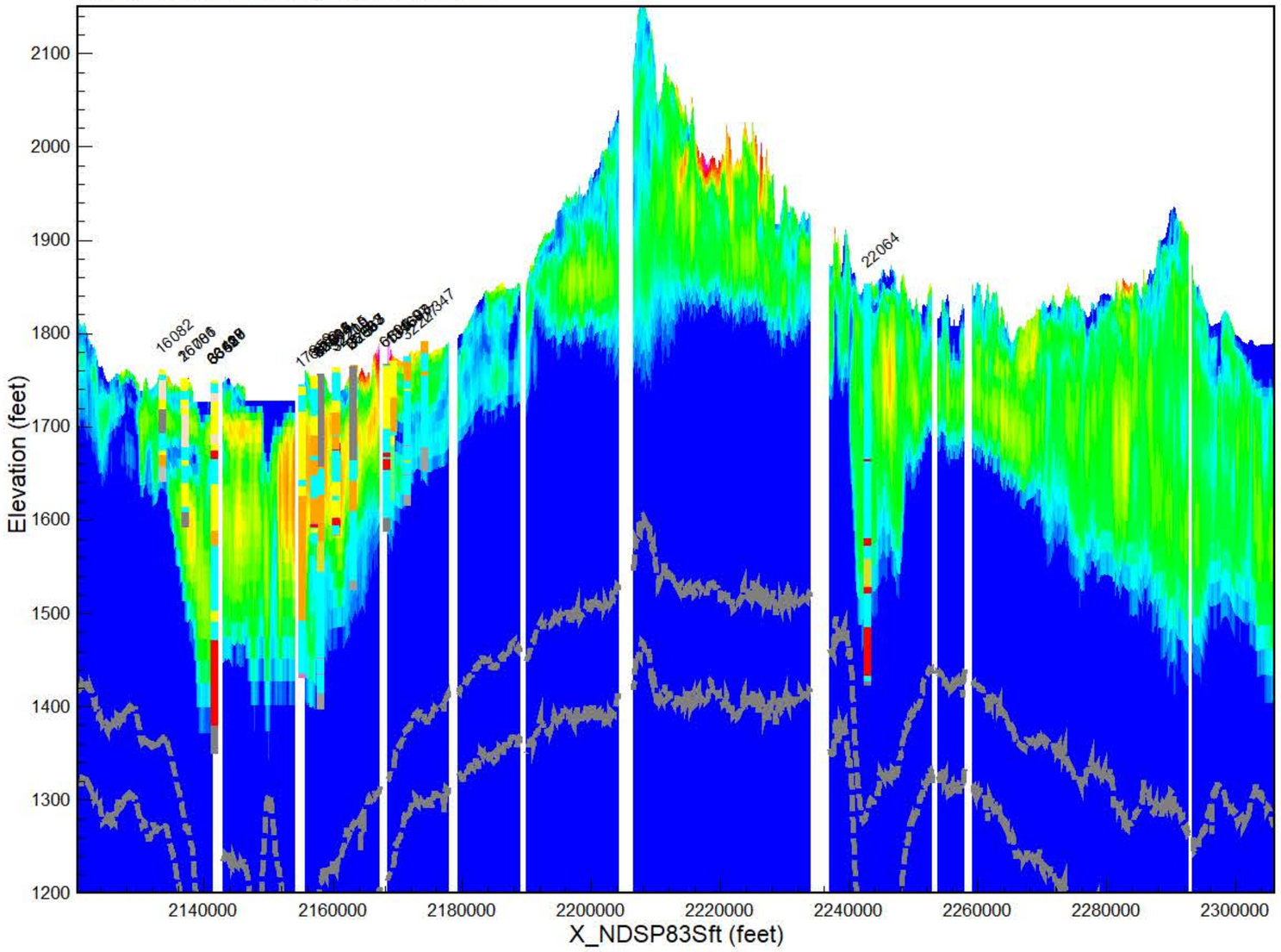
Flight Location Line L102701

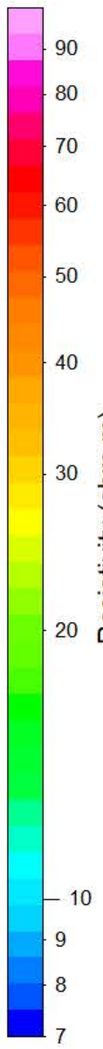


AEM Survey Area 1



Final SCI Resistivity Line L102701



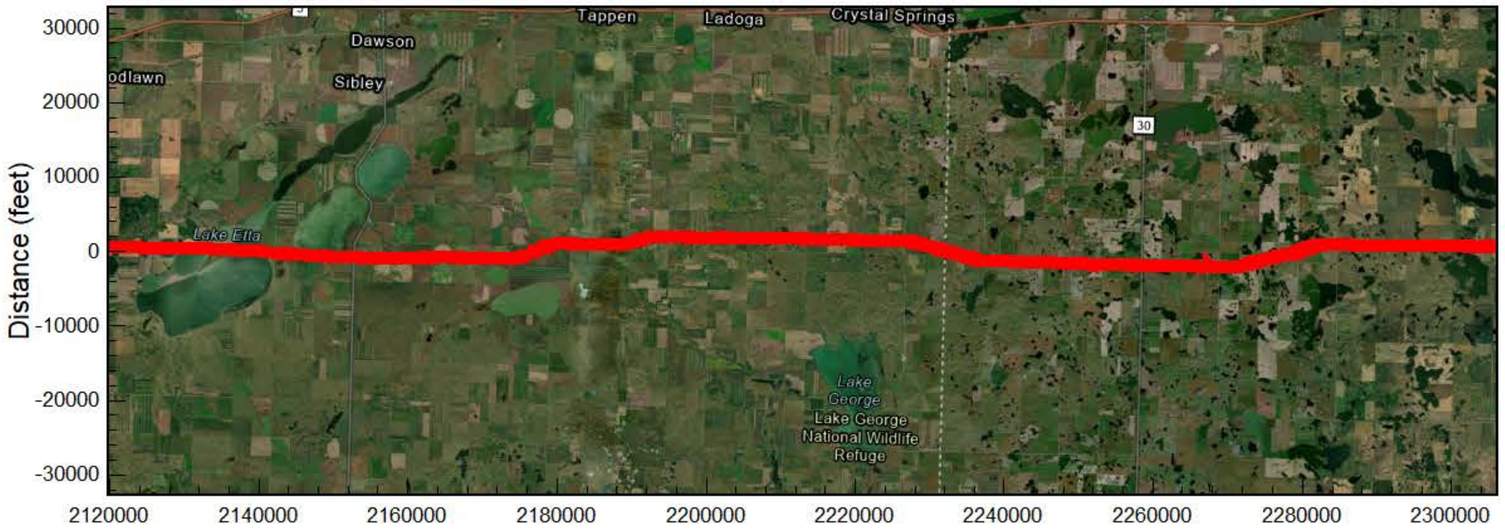


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

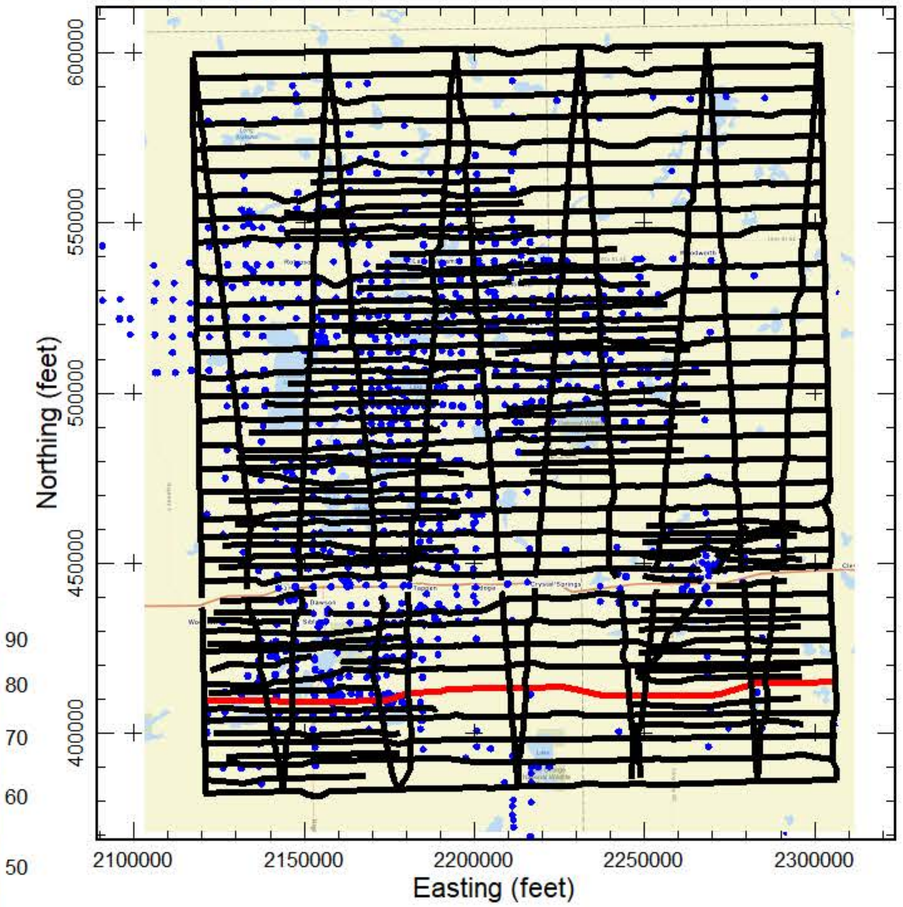
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

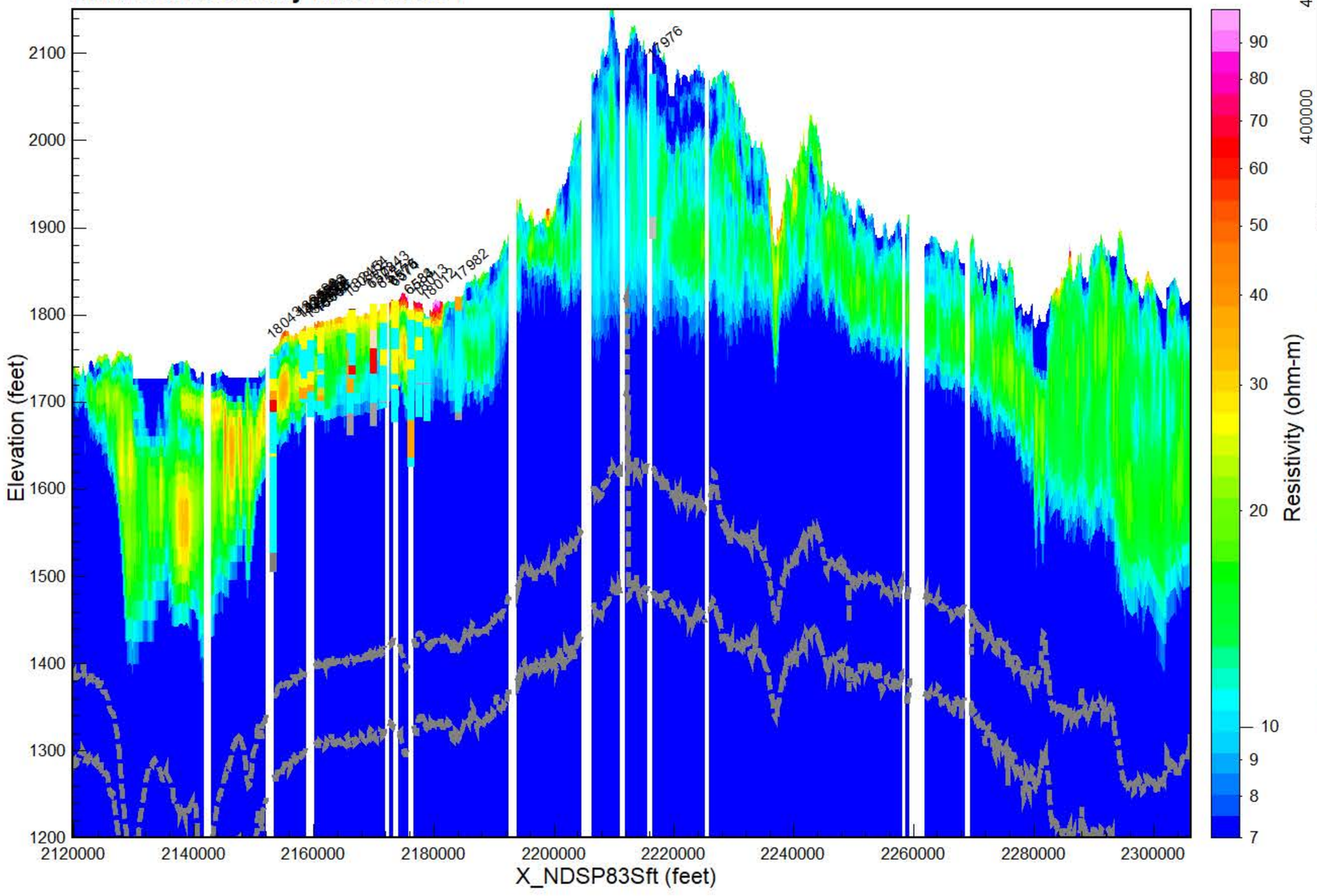
Flight Location Line L102801



AEM Survey Area 1



Final SCI Resistivity Line L102801

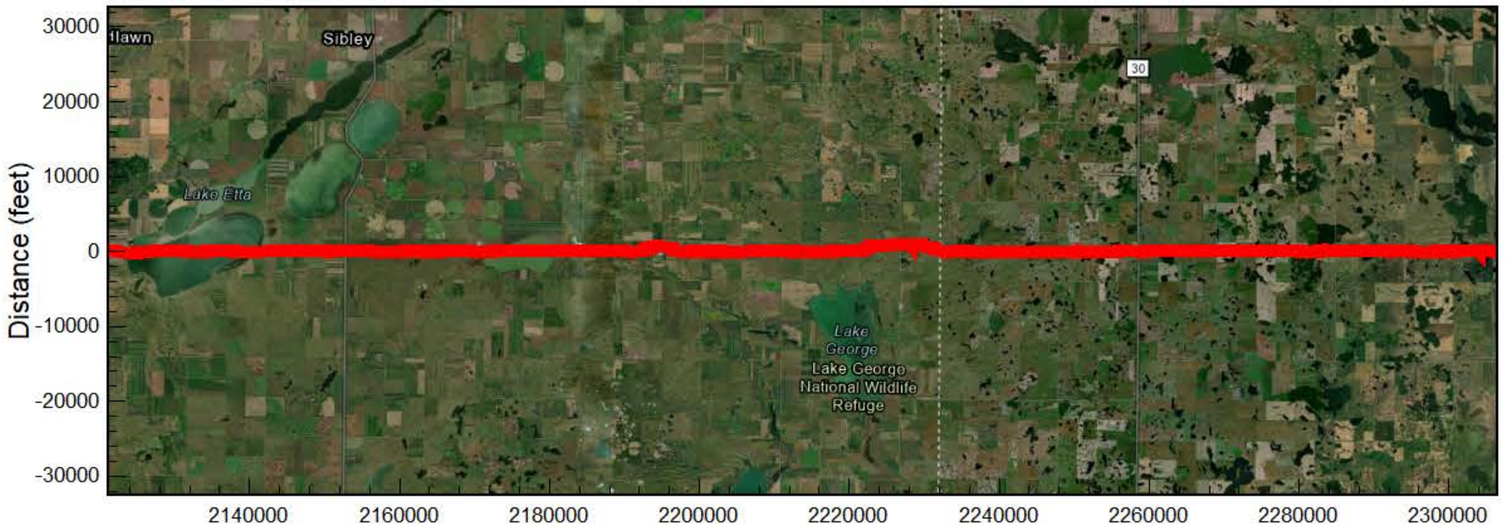


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

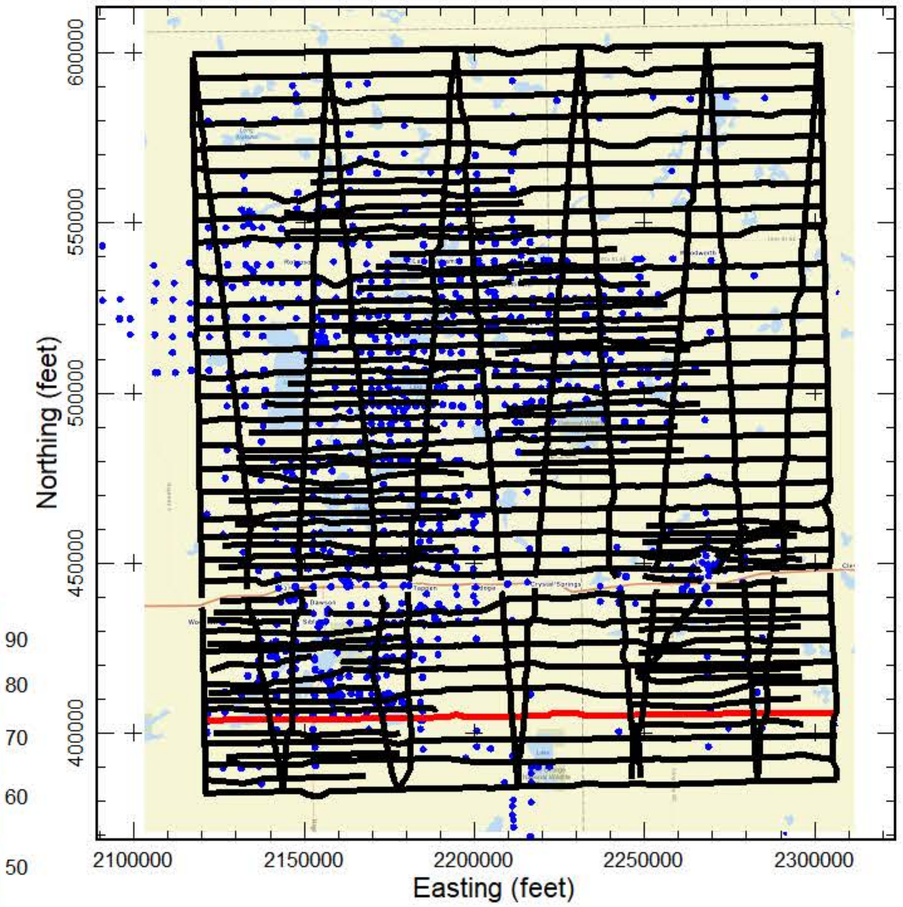
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

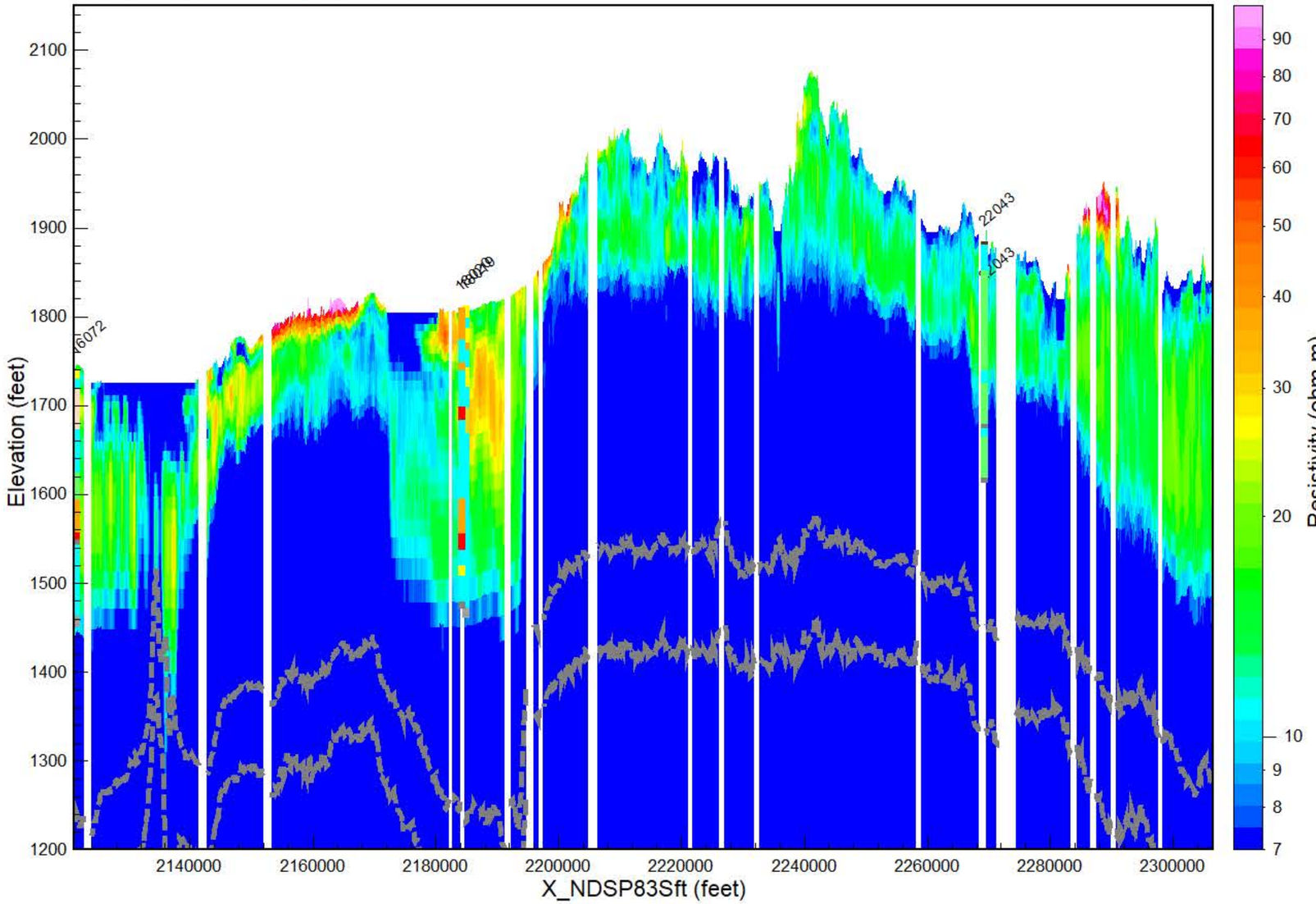
Flight Location Line L102901



AEM Survey Area 1



Final SCI Resistivity Line L102901

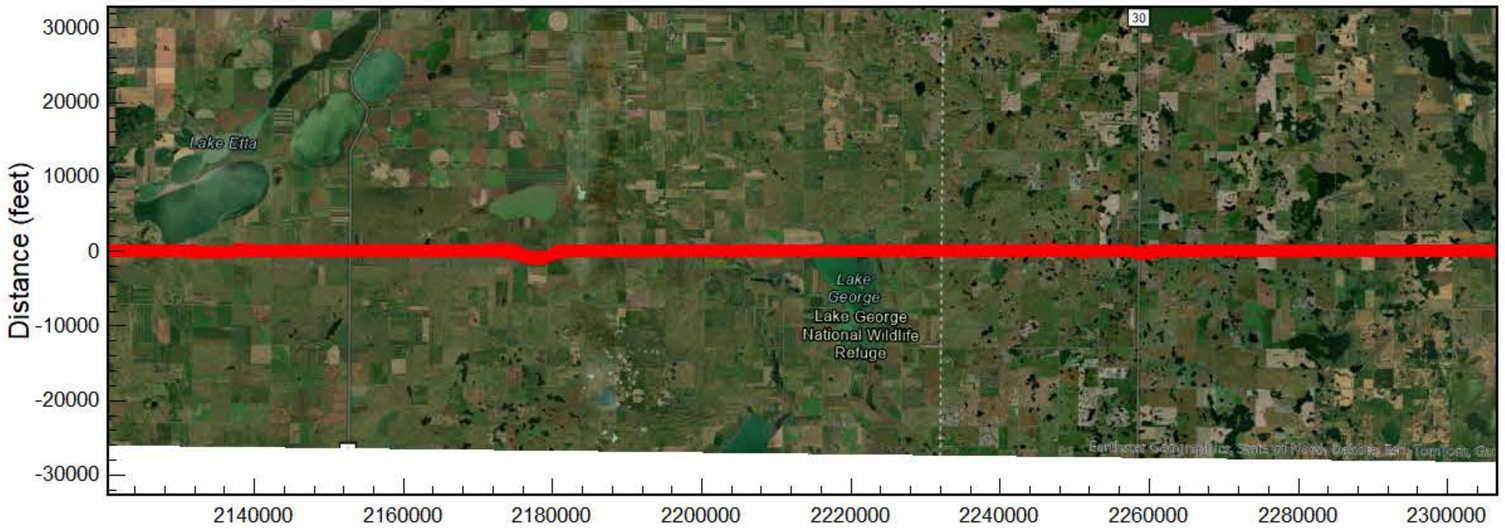


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

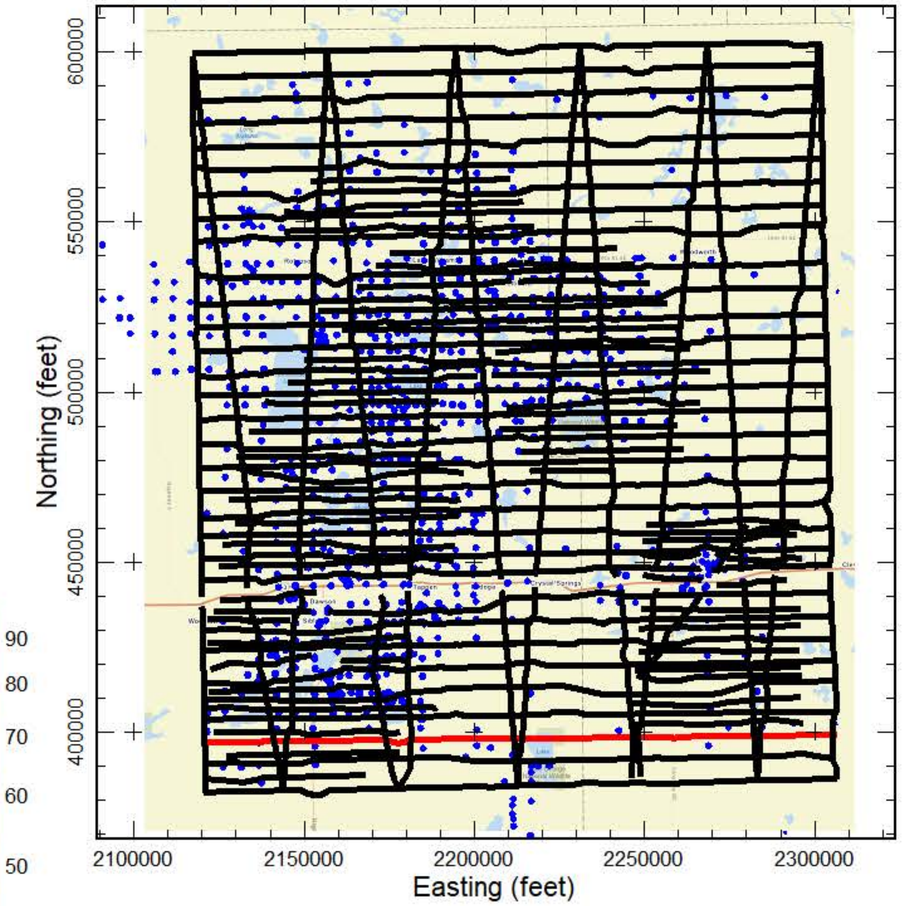
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

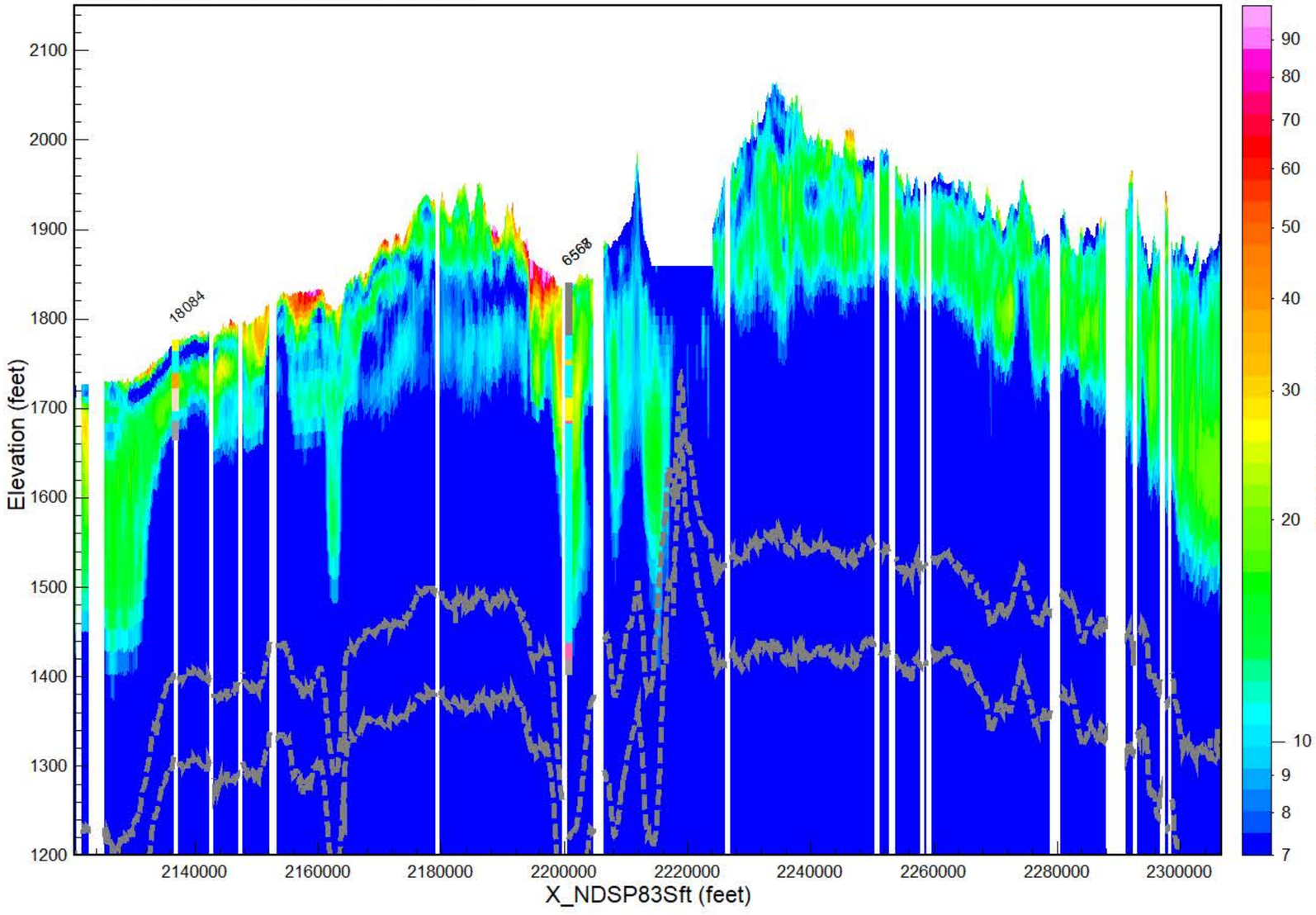
Flight Location Line L103001



AEM Survey Area 1



Final SCI Resistivity Line L103001

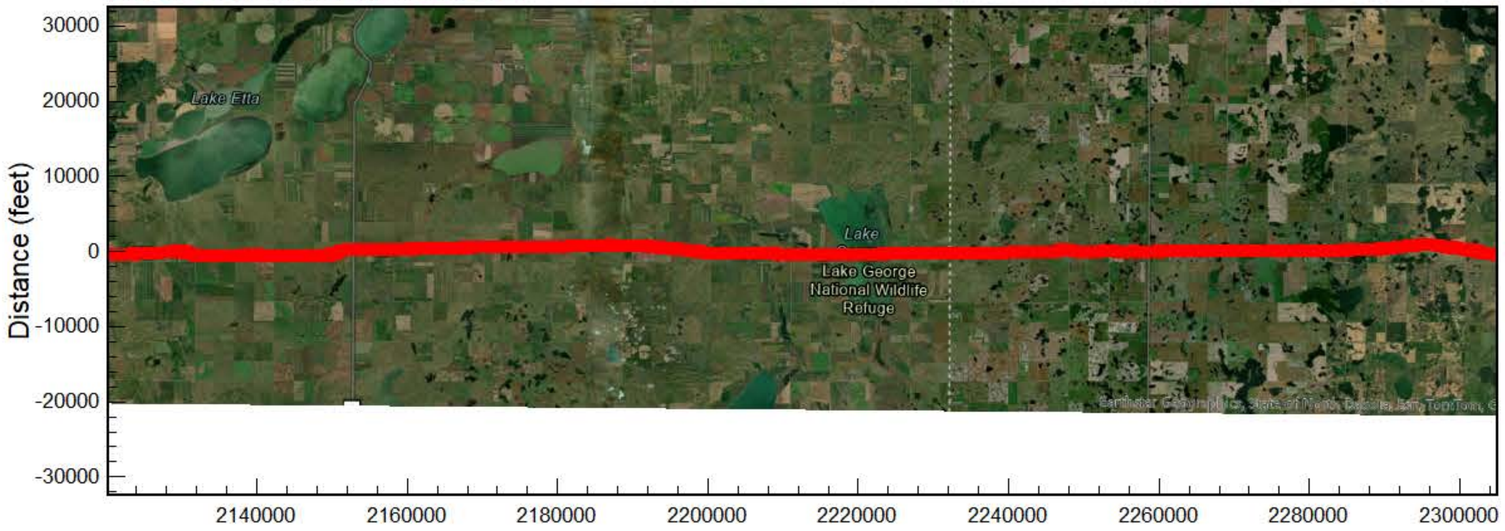


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

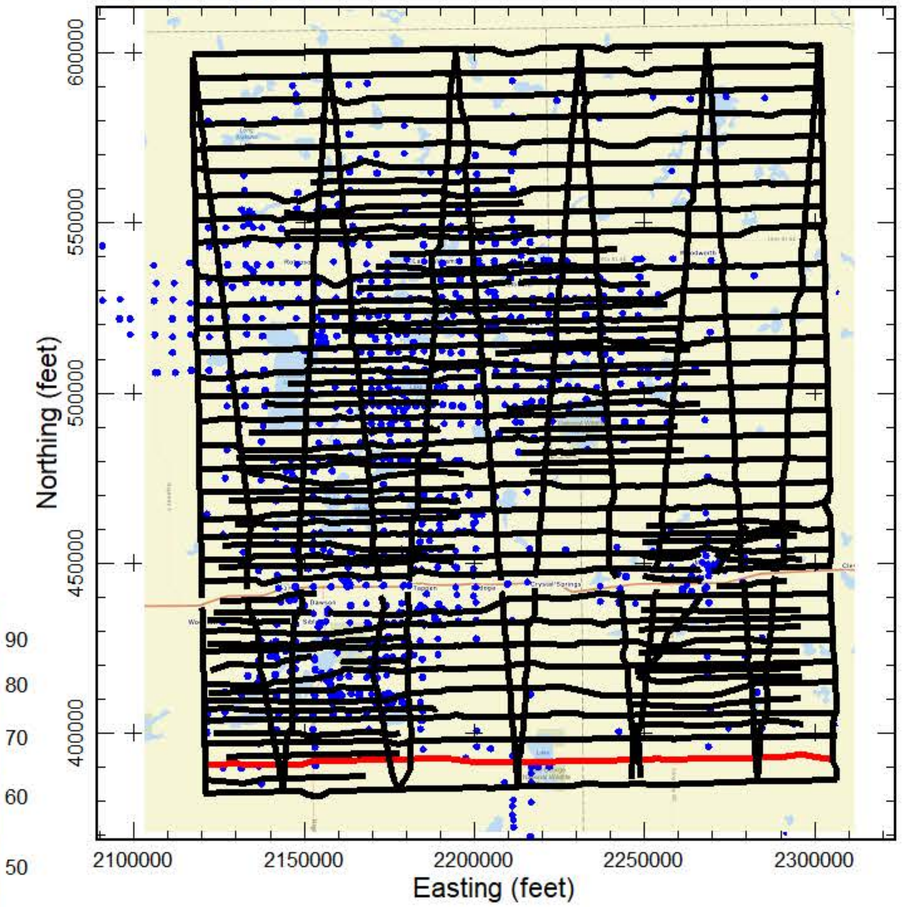
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

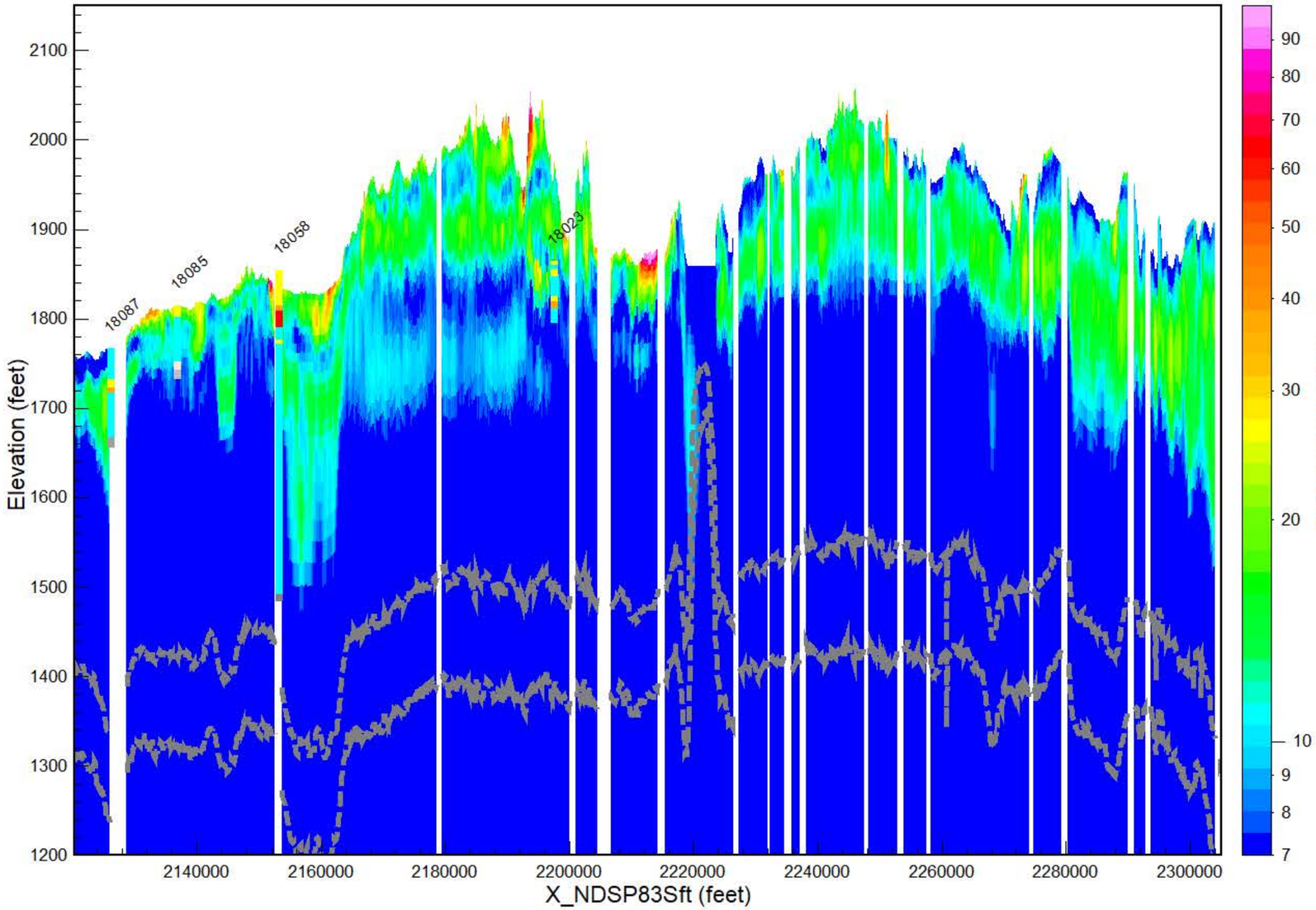
Flight Location Line L103101



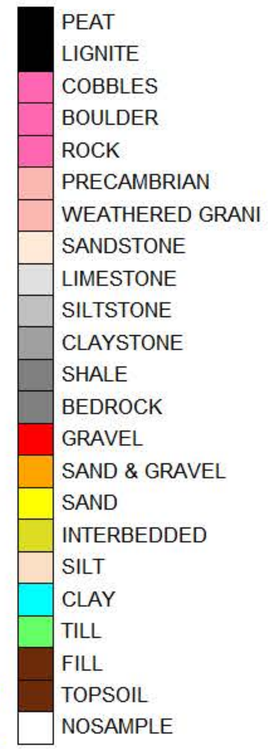
AEM Survey Area 1



Final SCI Resistivity Line L103101

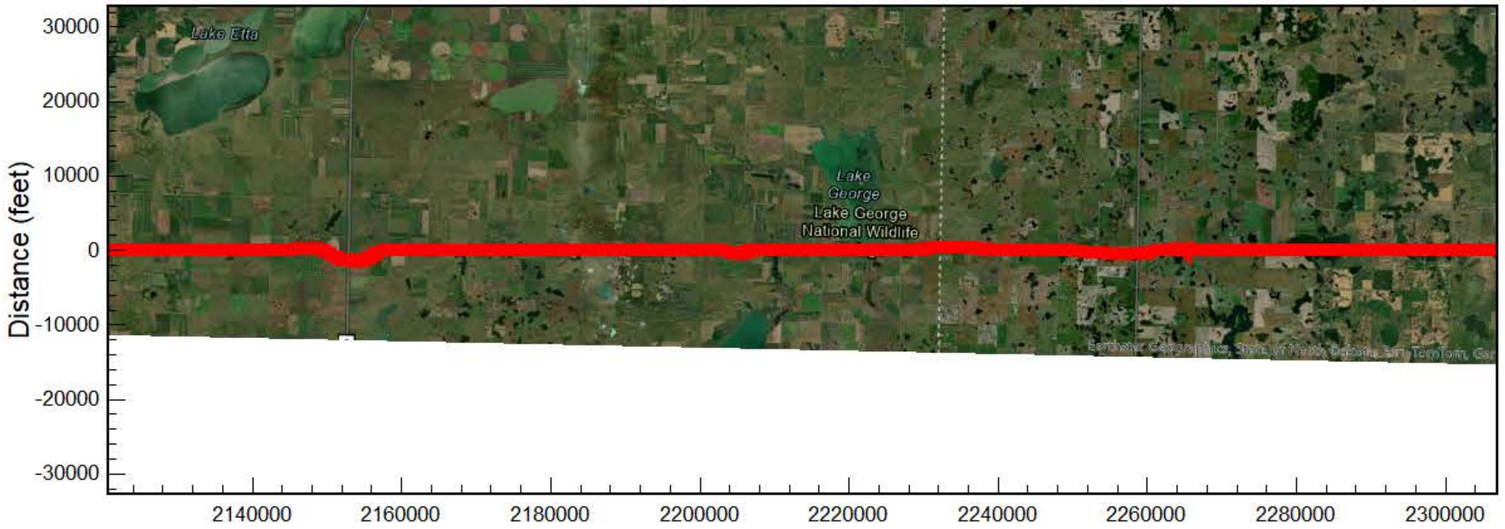


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

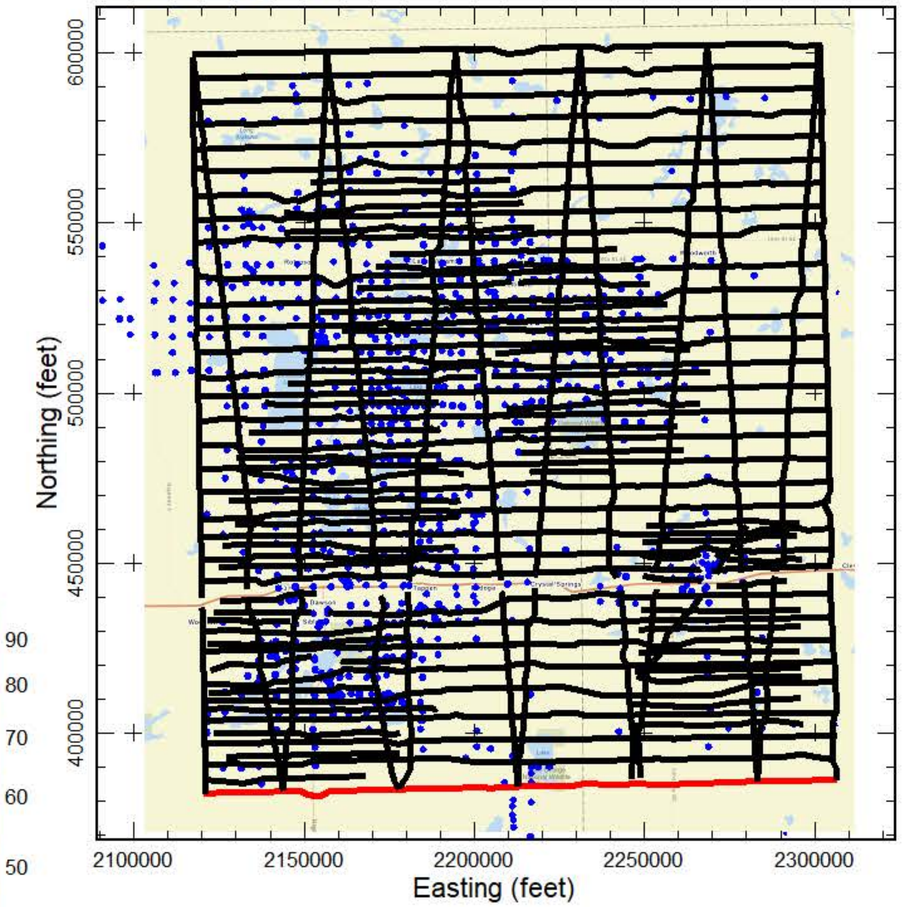


AGF
Aqua Geo Frameworks

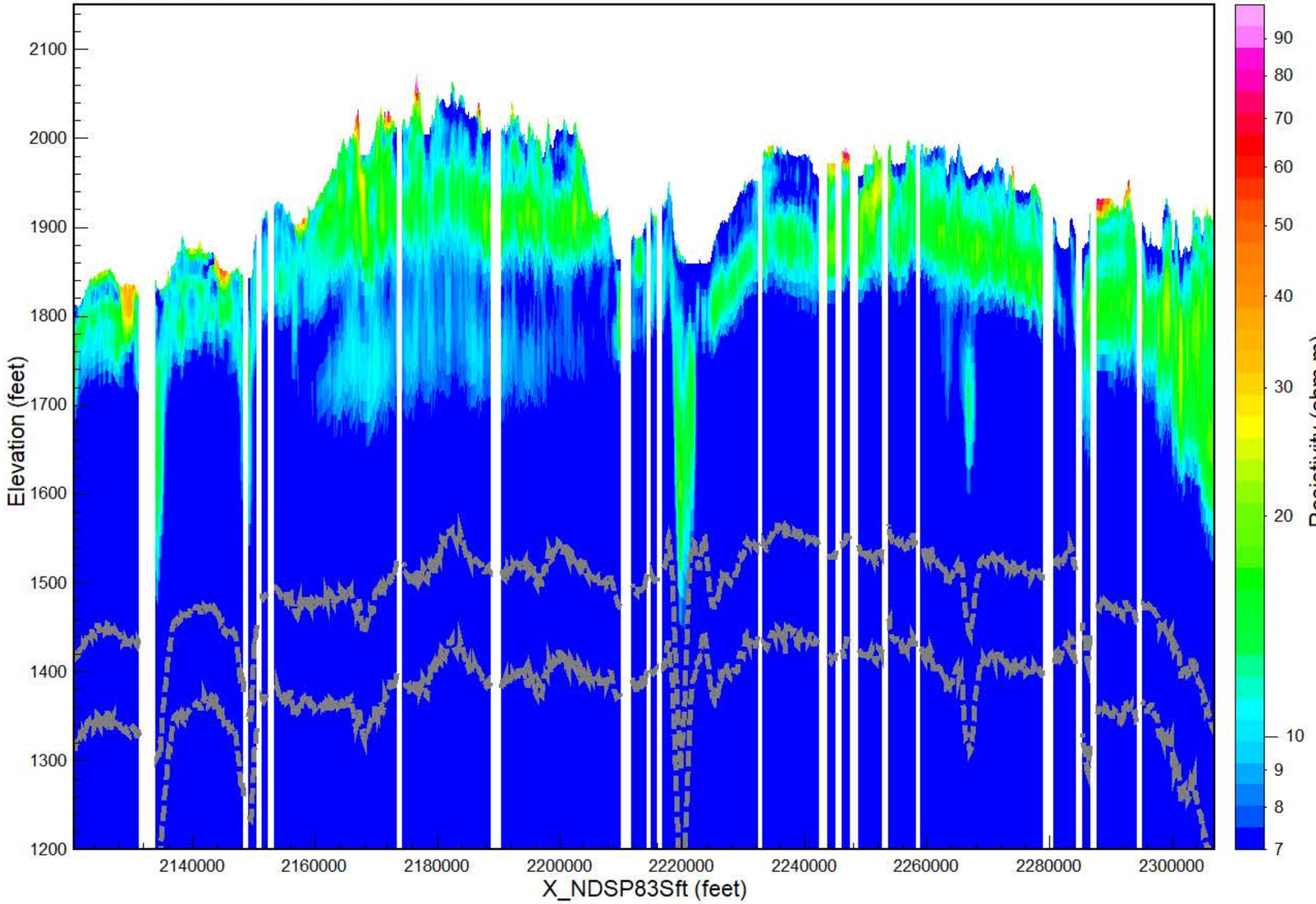
Flight Location Line L103201



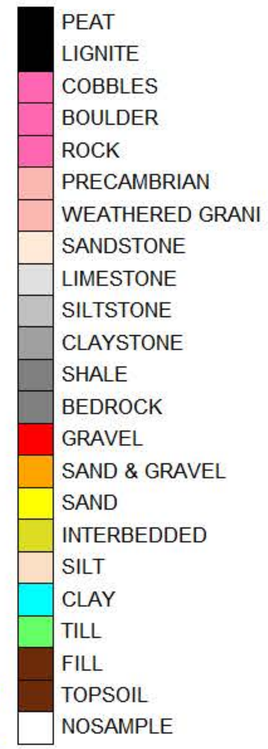
AEM Survey Area 1



Final SCI Resistivity Line L103201

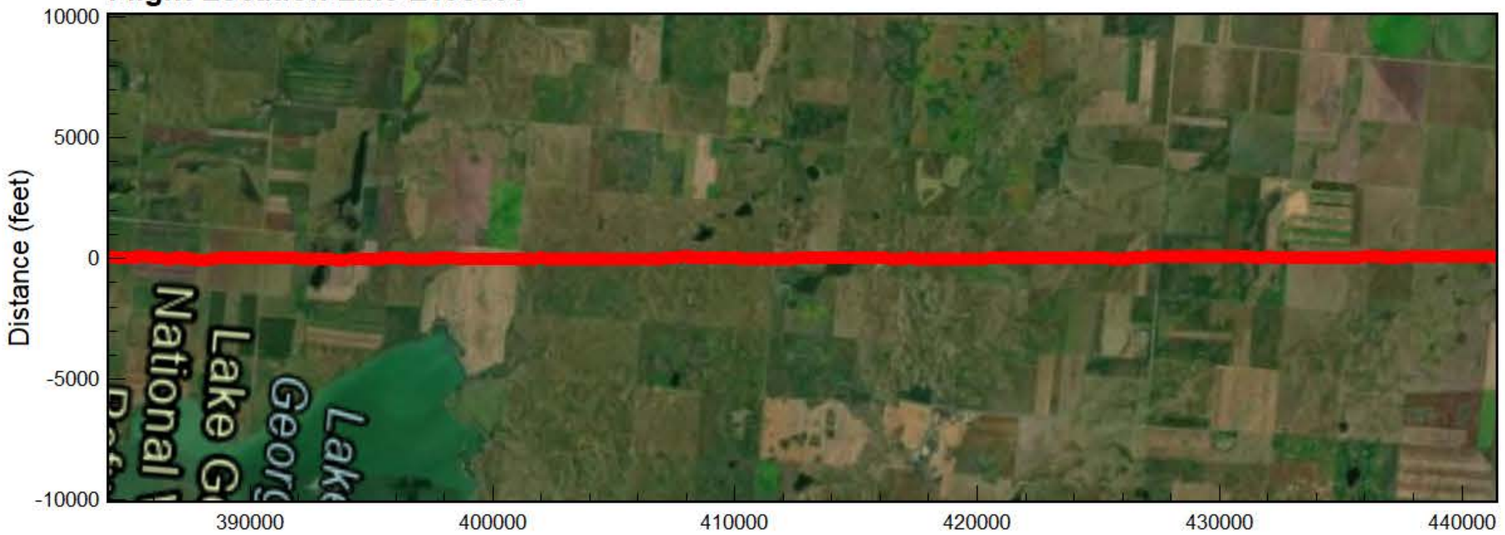


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

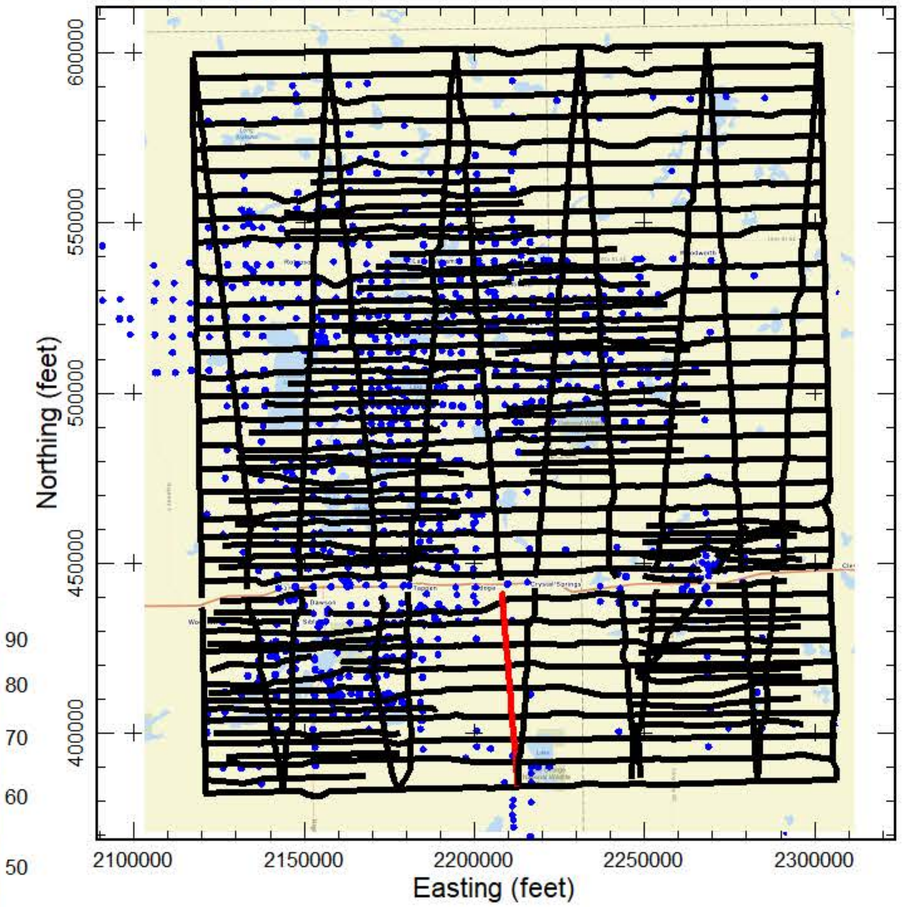


AGF
Aqua Geo Frameworks

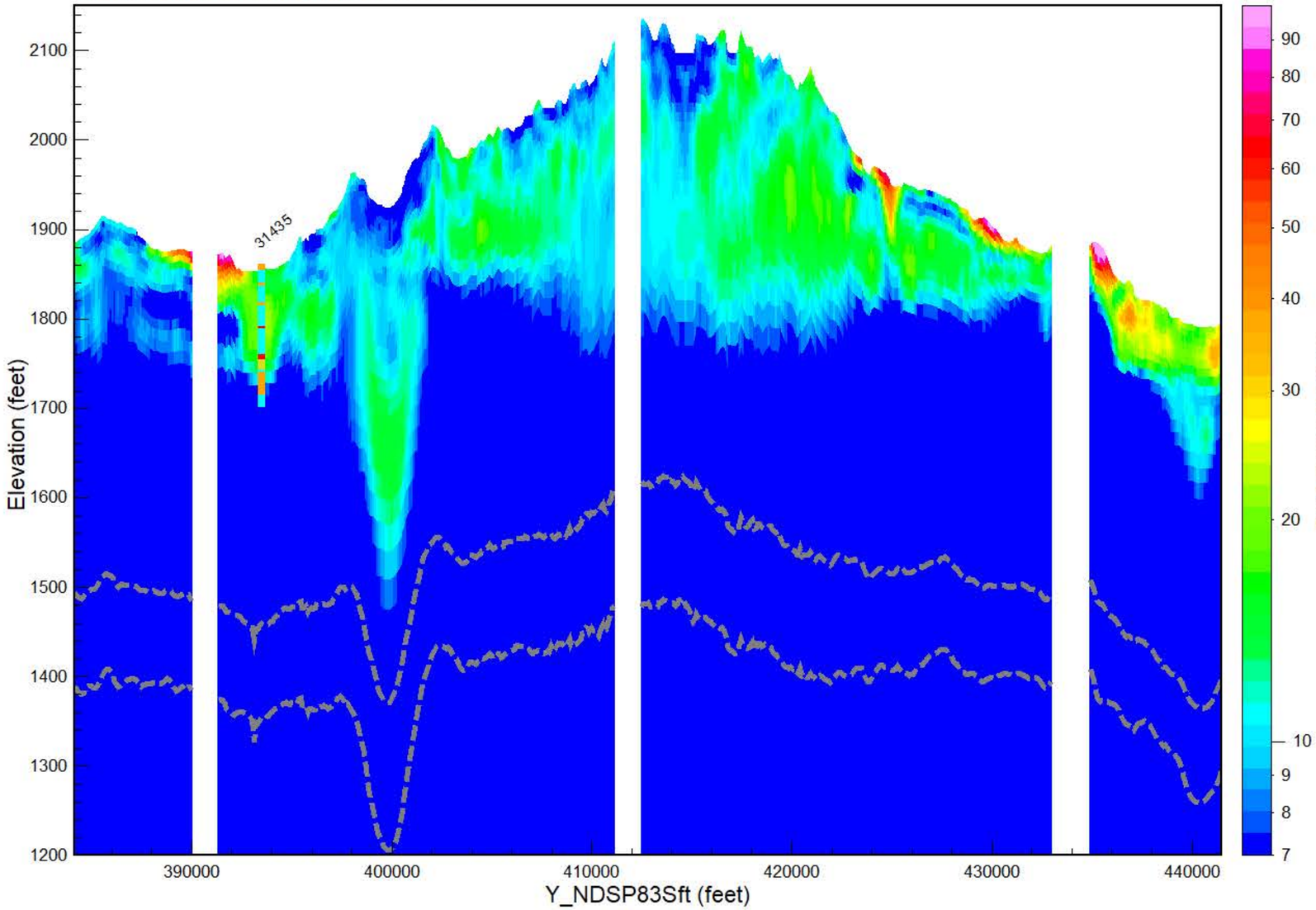
Flight Location Line L190061



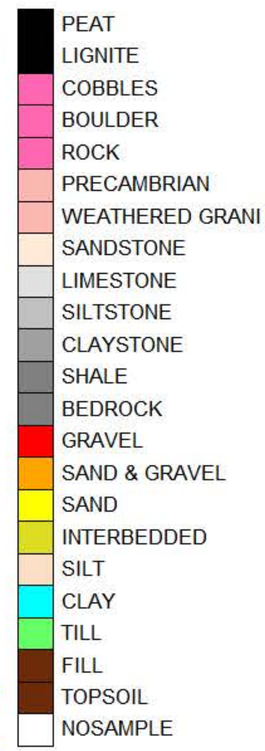
AEM Survey Area 1



Final SCI Resistivity Line L190061

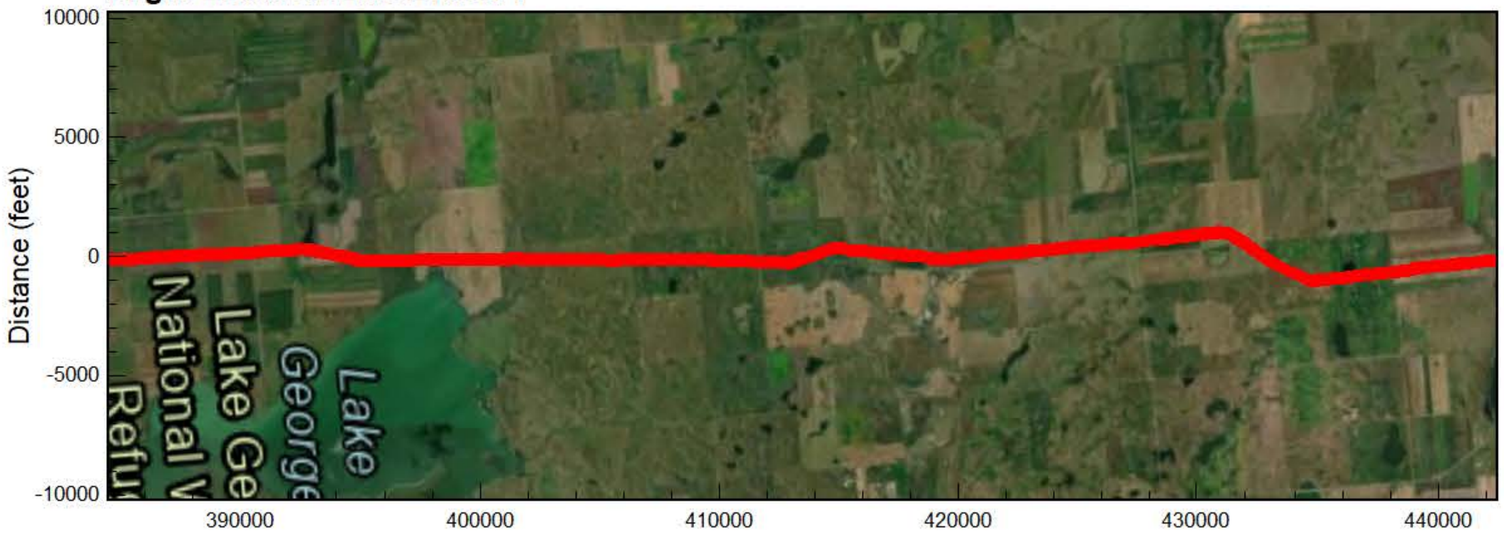


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

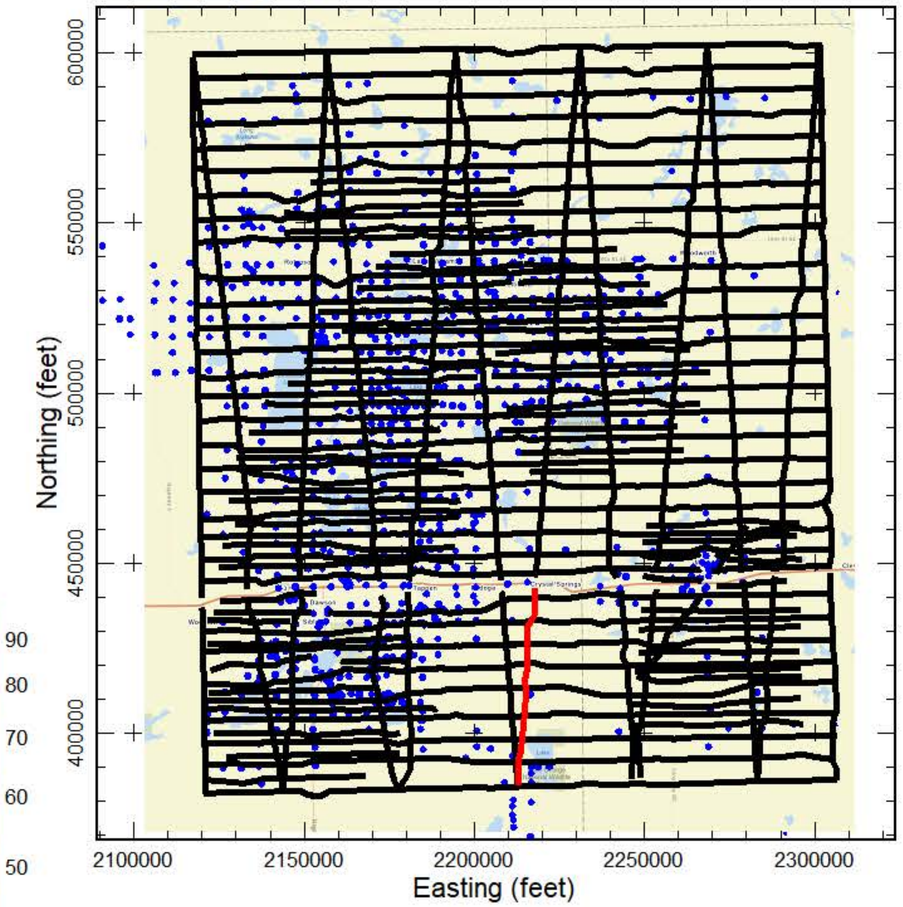


AGF
Aqua Geo Frameworks

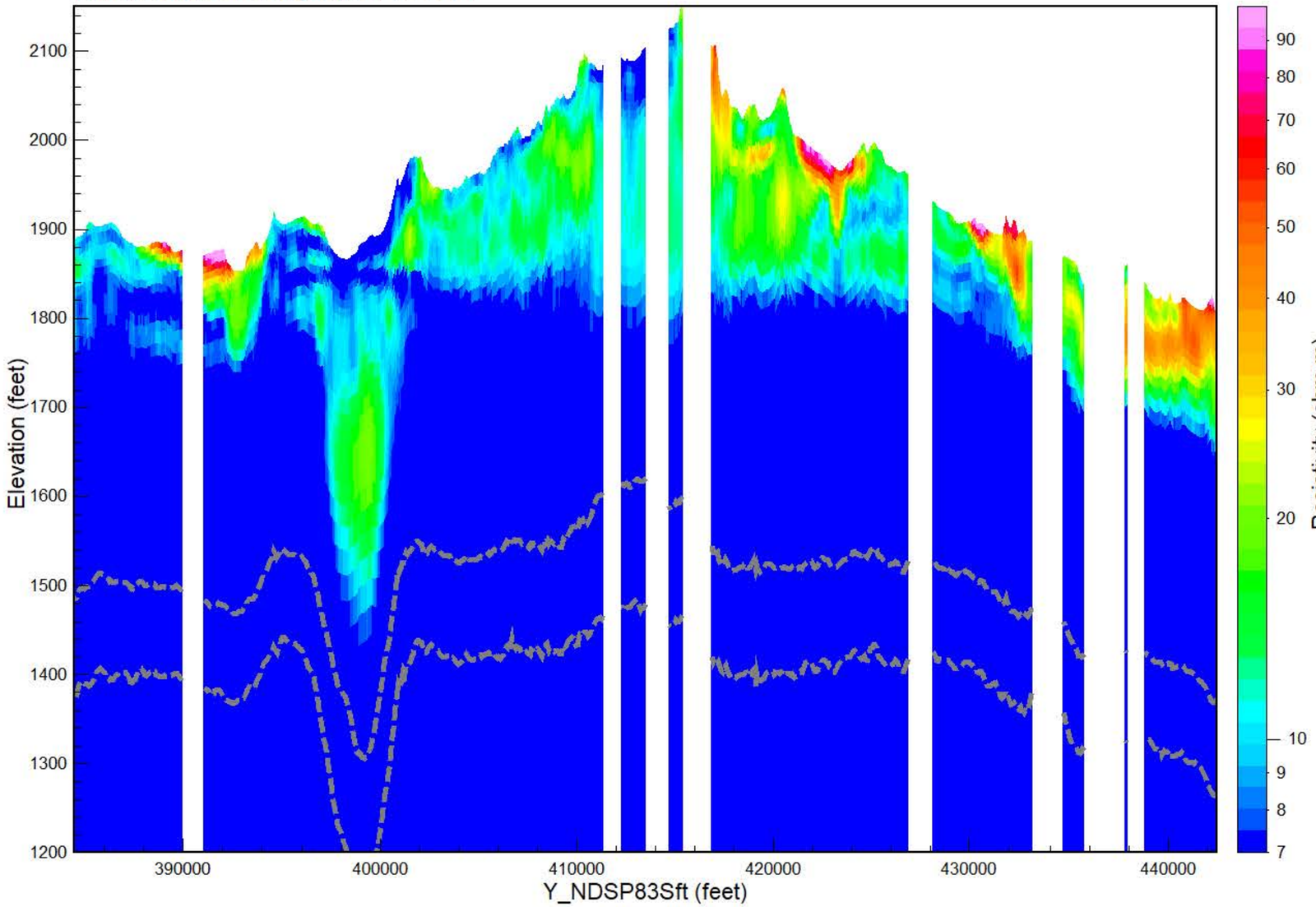
Flight Location Line L190071



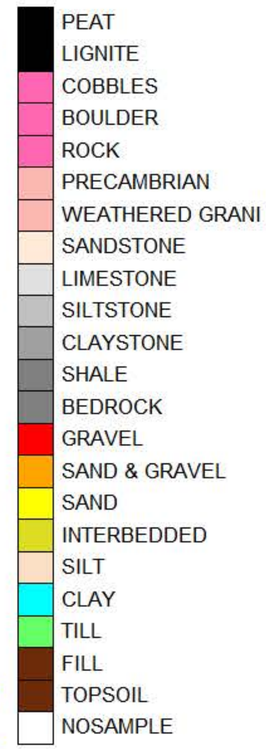
AEM Survey Area 1



Final SCI Resistivity Line L190071



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

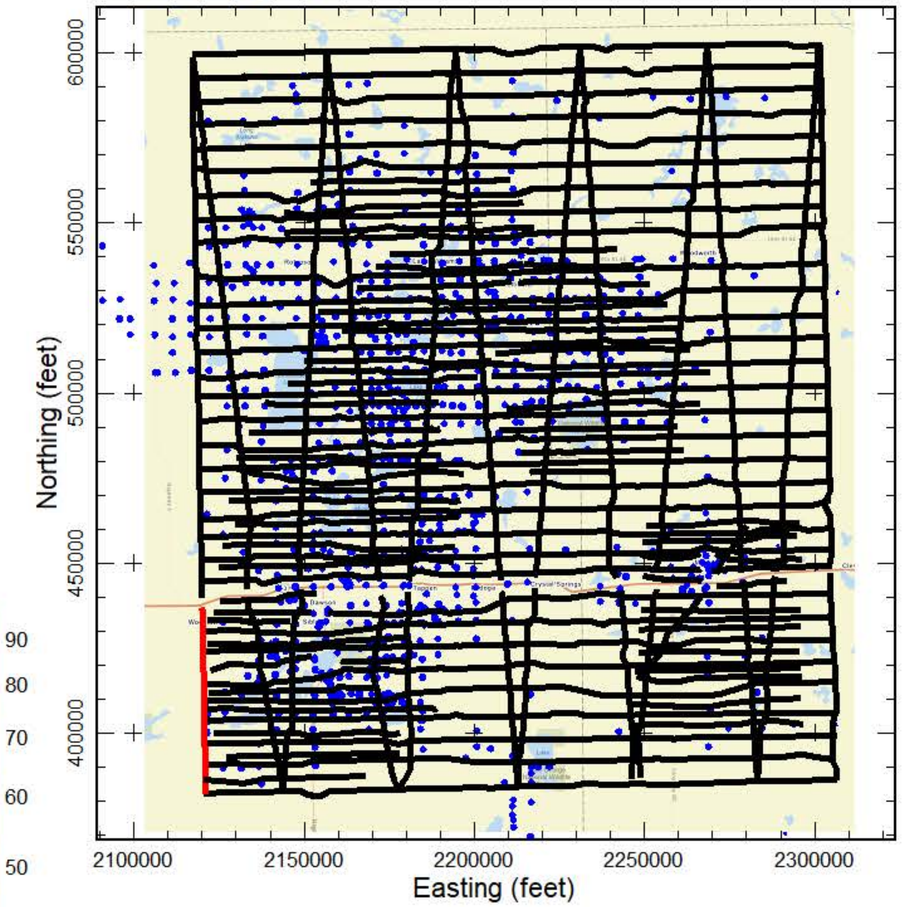


AGF
Aqua Geo Frameworks

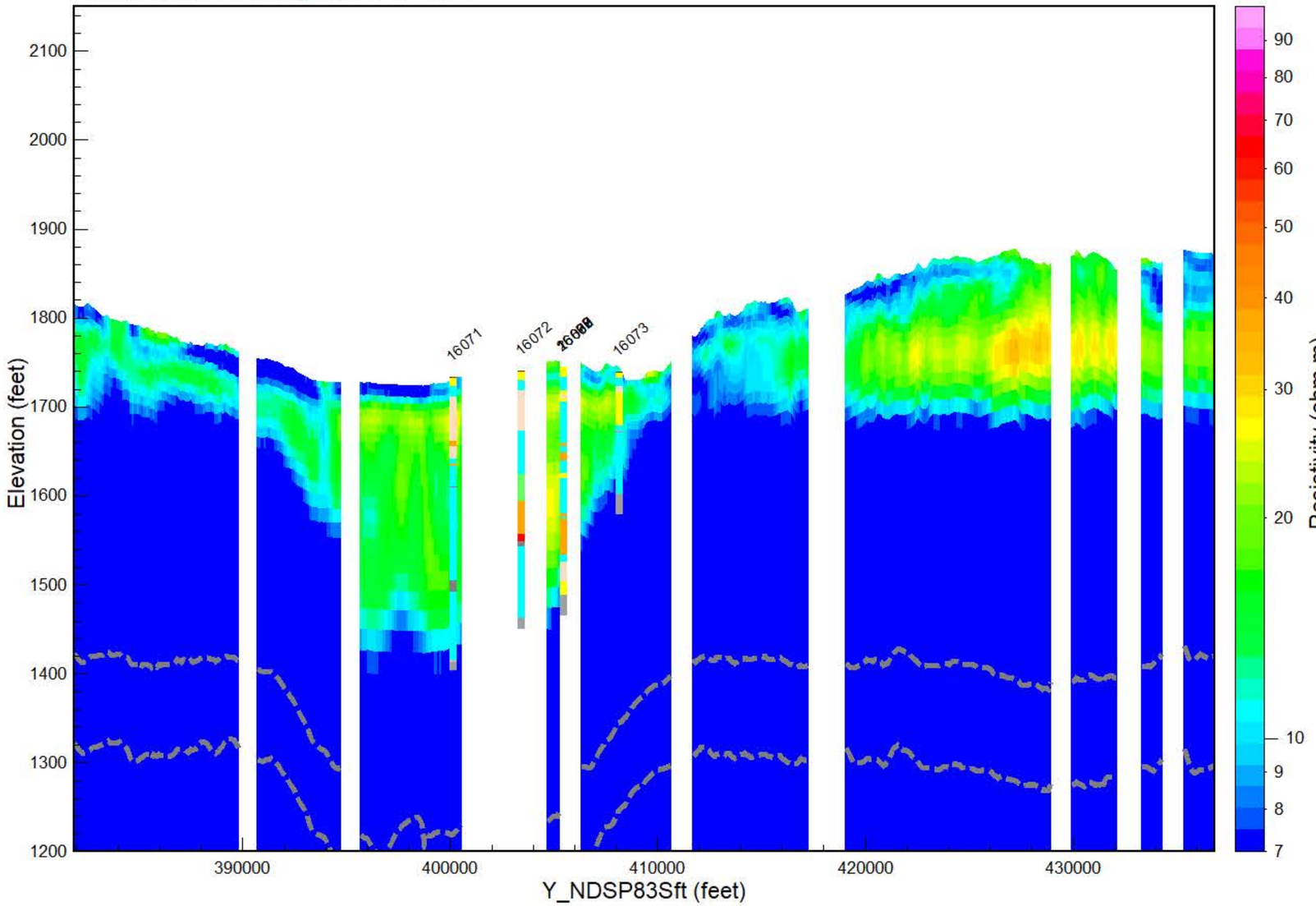
Flight Location Line L190101



AEM Survey Area 1



Final SCI Resistivity Line L190101

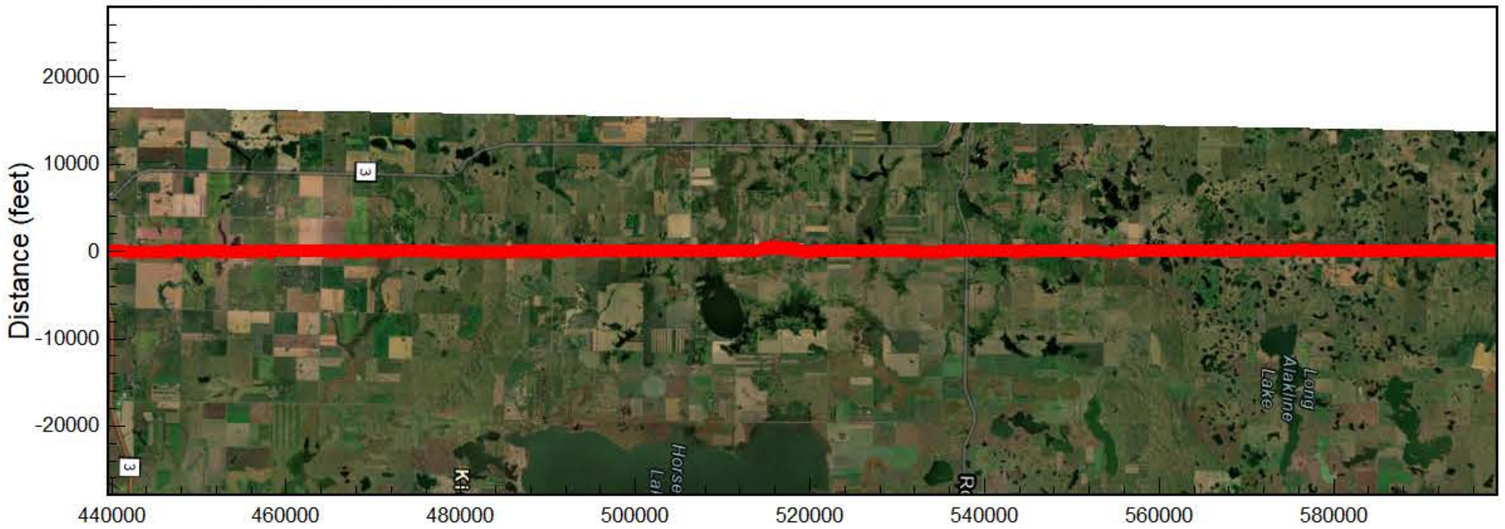


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

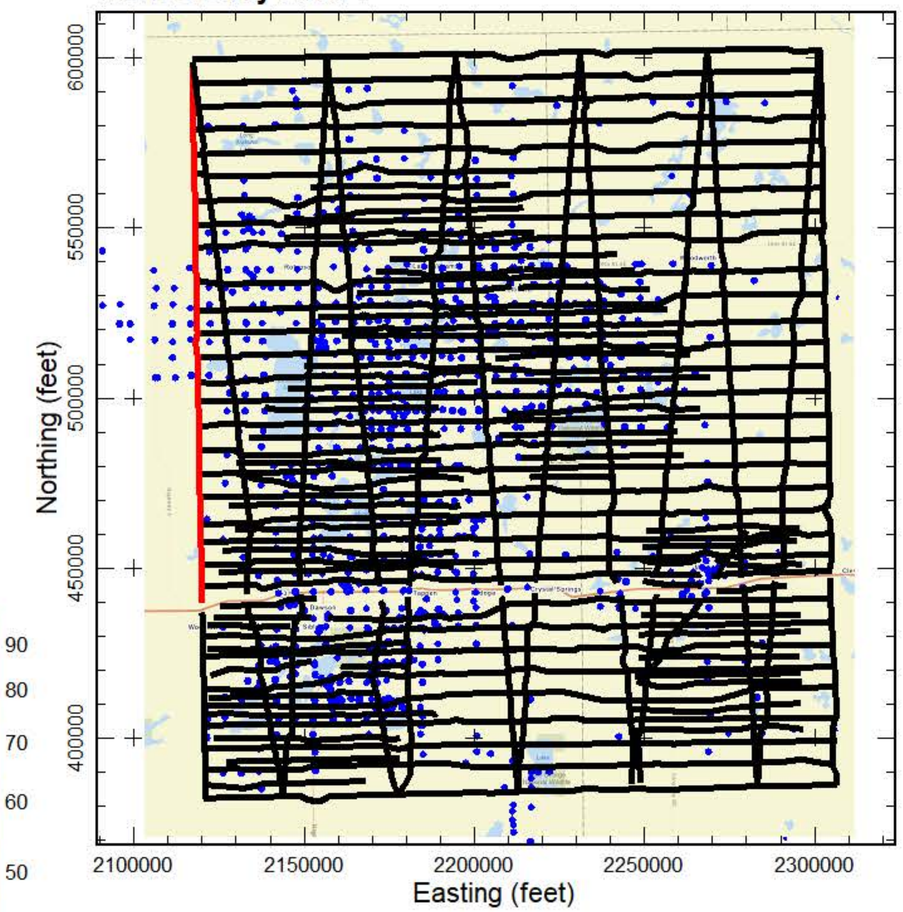
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

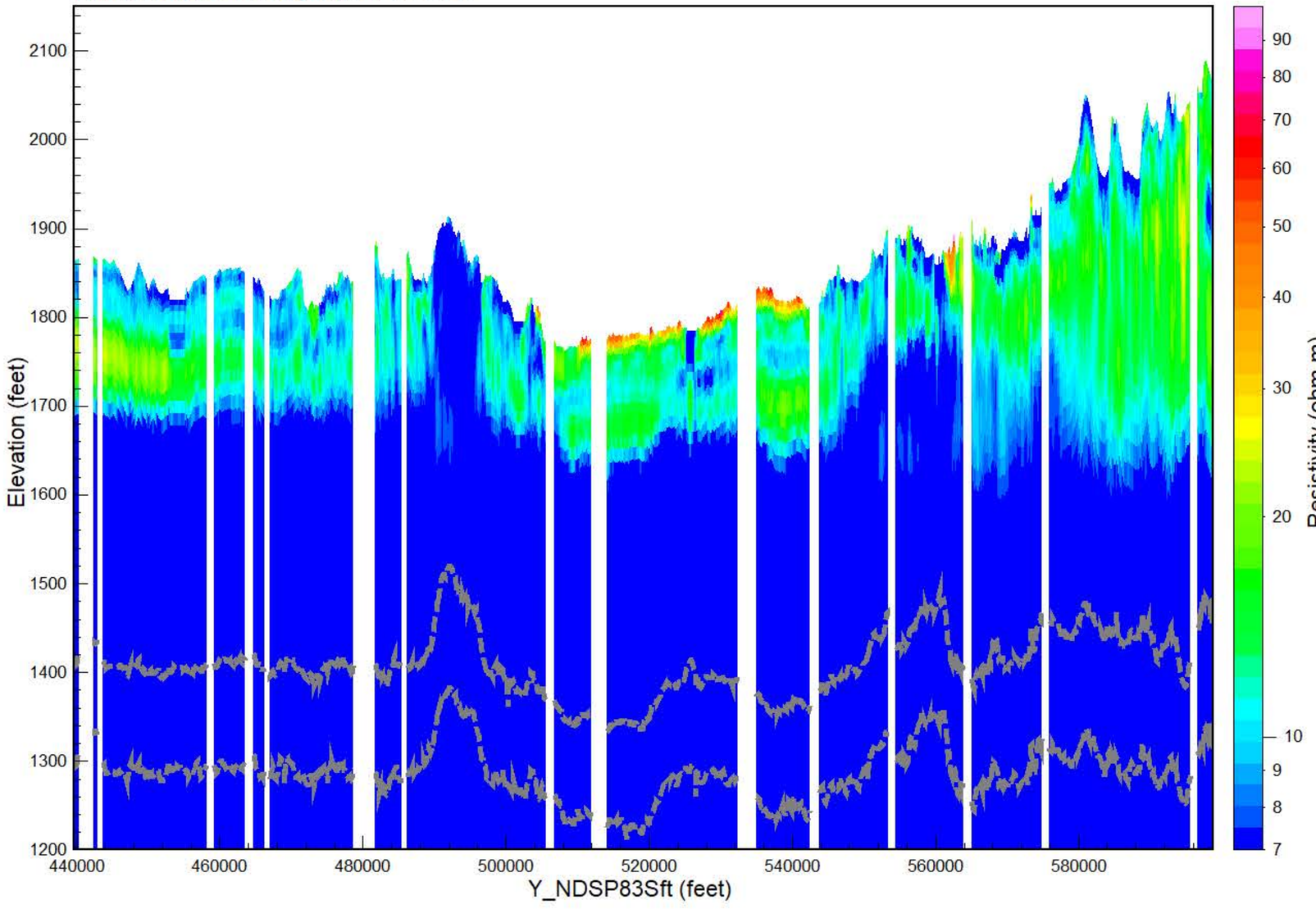
Flight Location Line L190102



AEM Survey Area 1



Final SCI Resistivity Line L190102



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

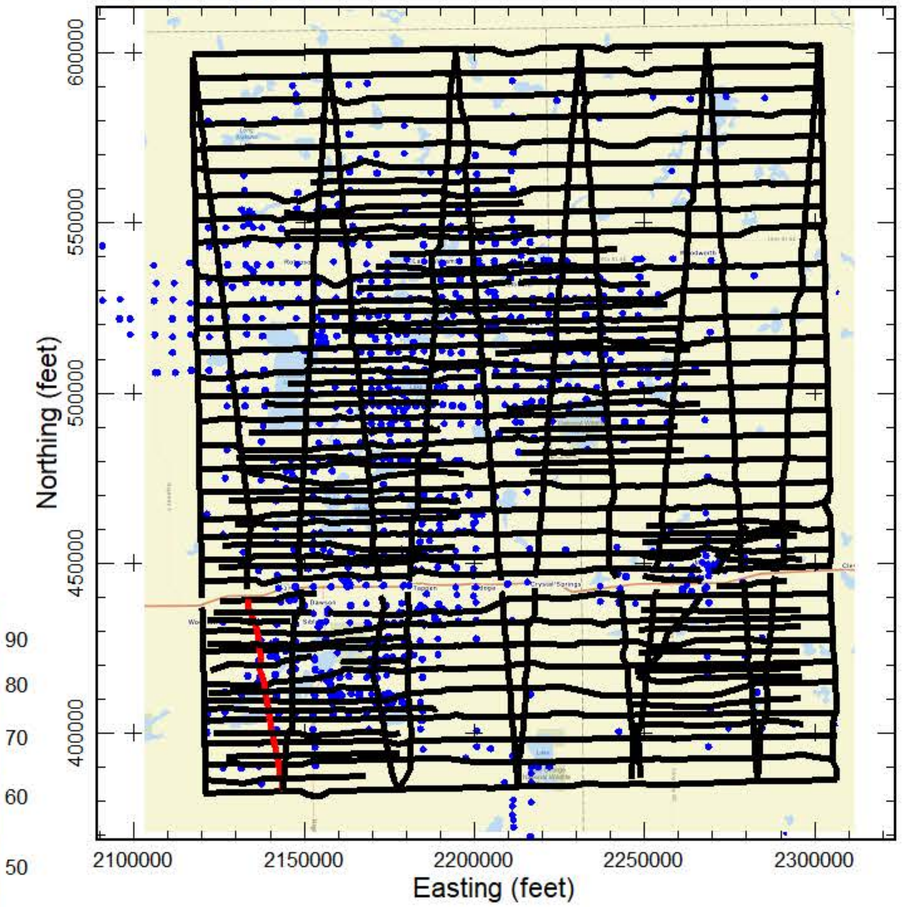
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

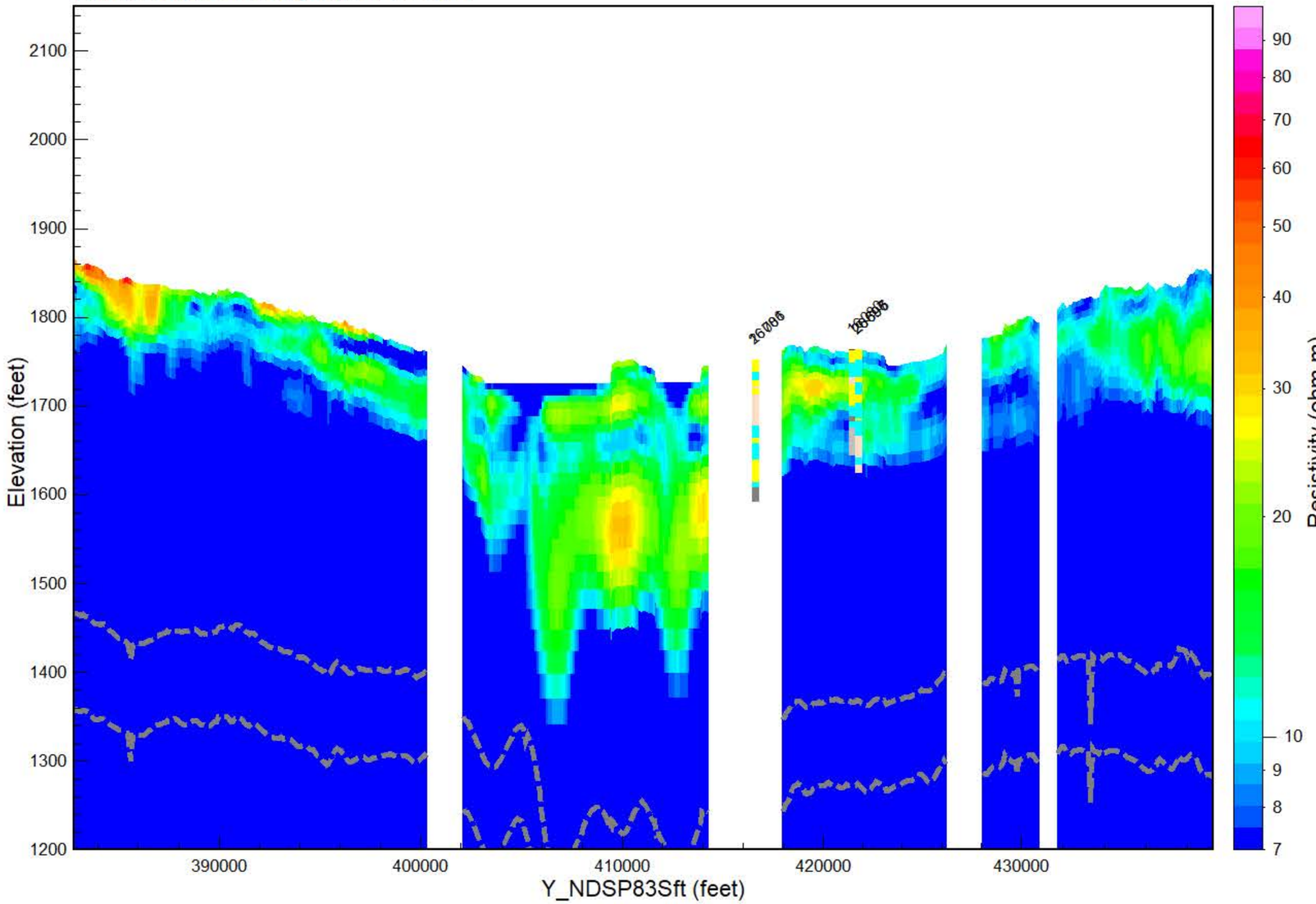
Flight Location Line L190201



AEM Survey Area 1



Final SCI Resistivity Line L190201

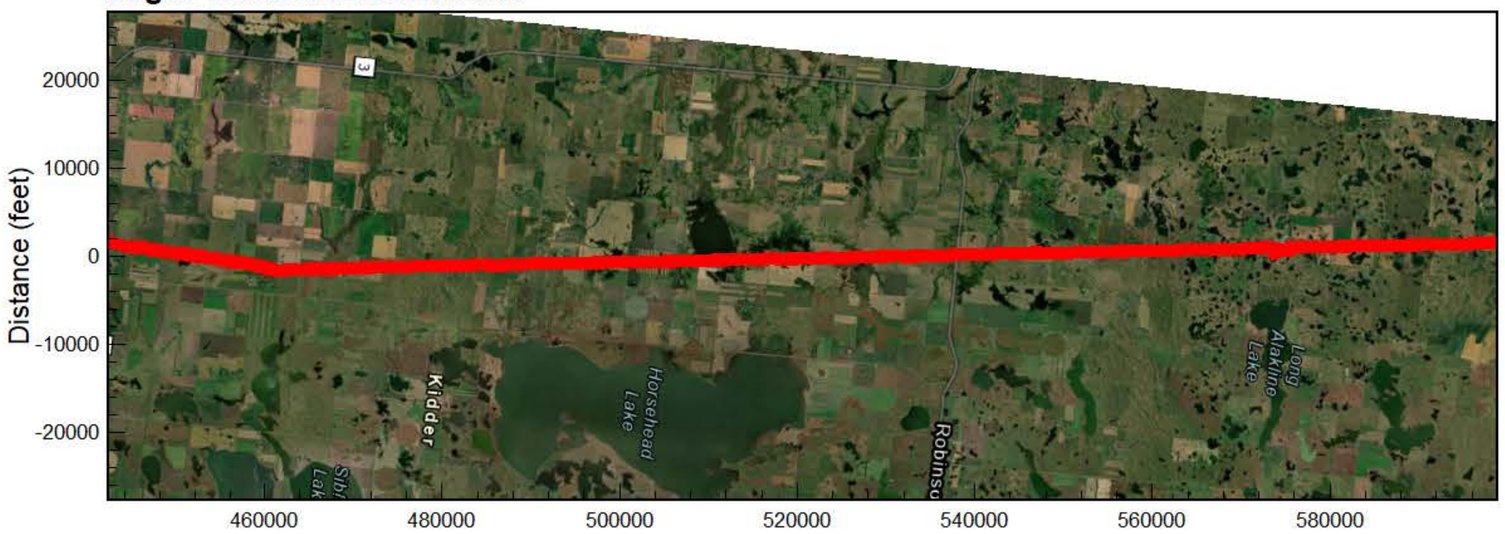


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

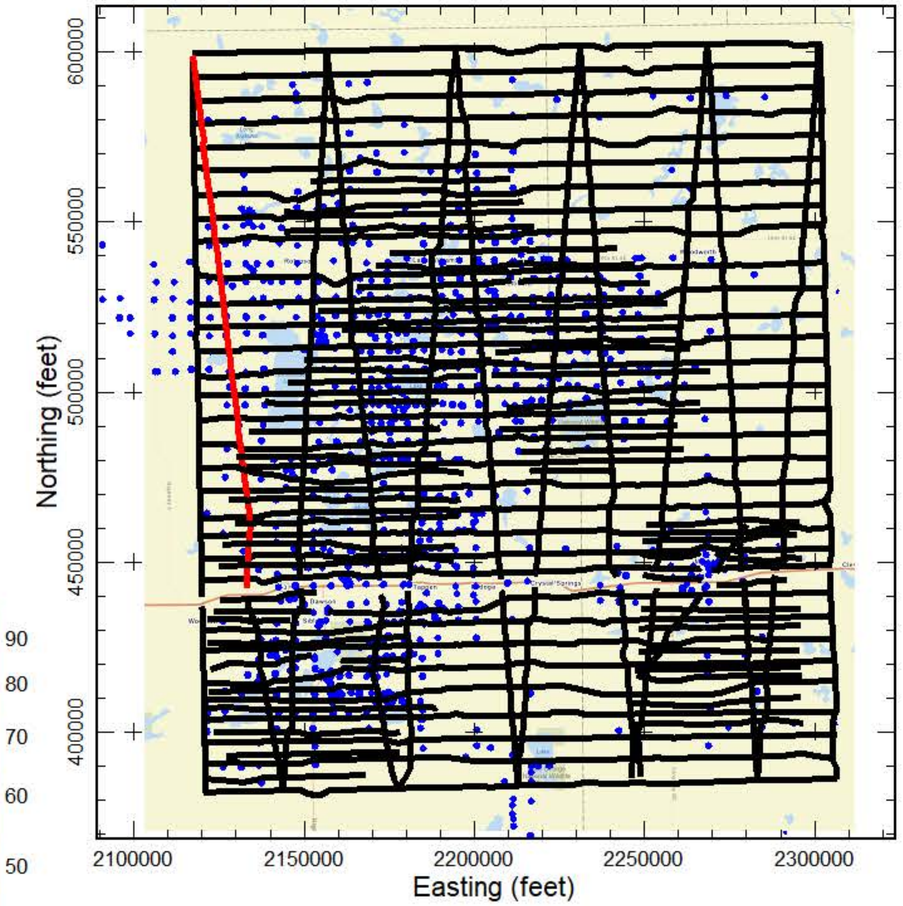
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

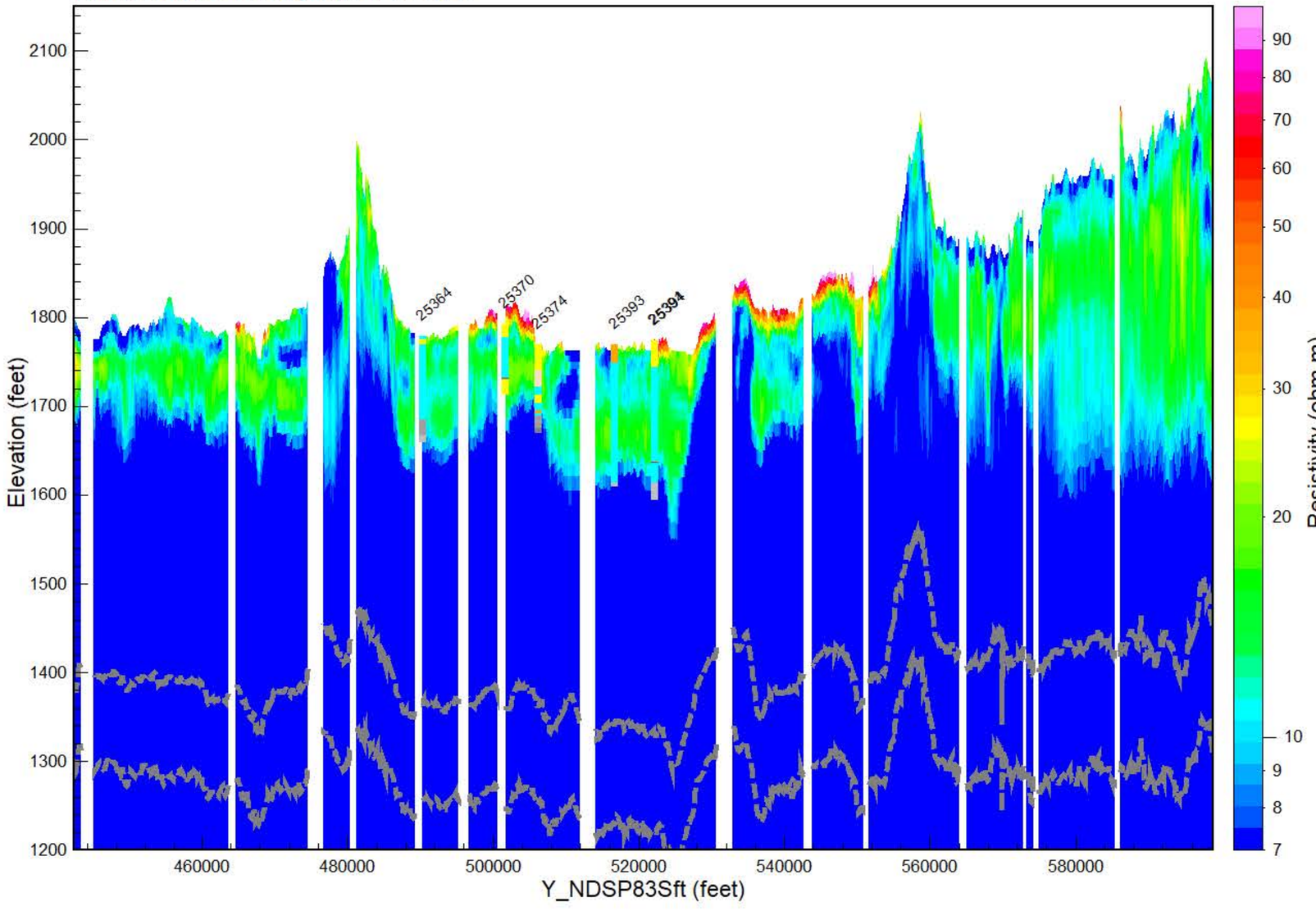
Flight Location Line L190202



AEM Survey Area 1



Final SCI Resistivity Line L190202



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

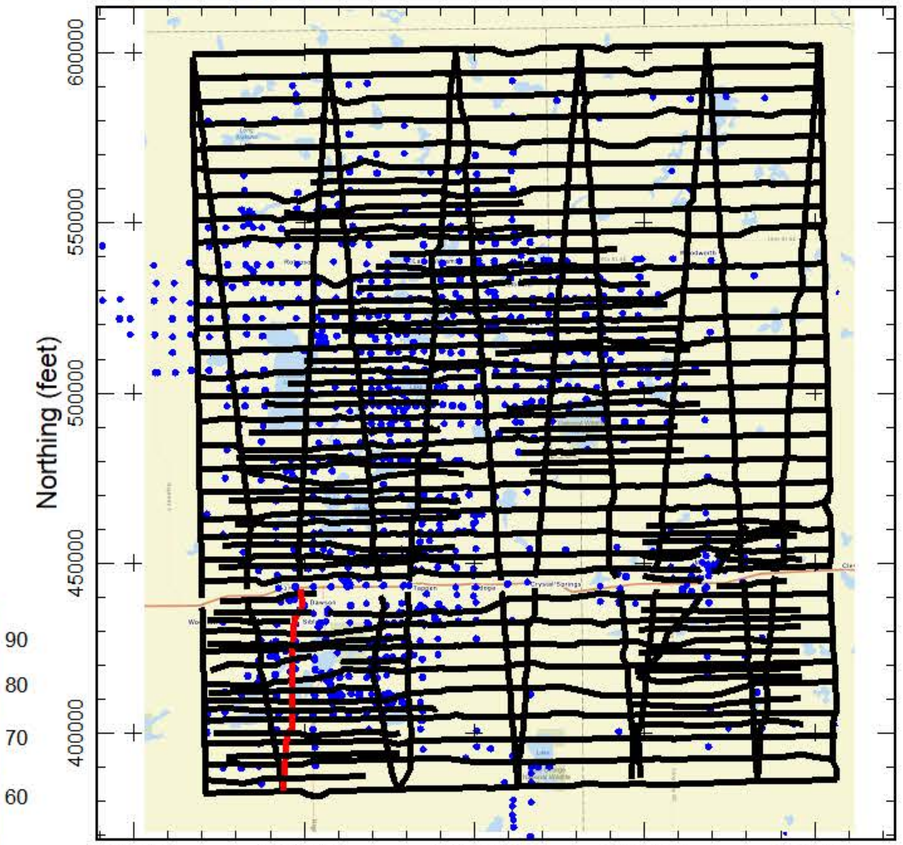
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

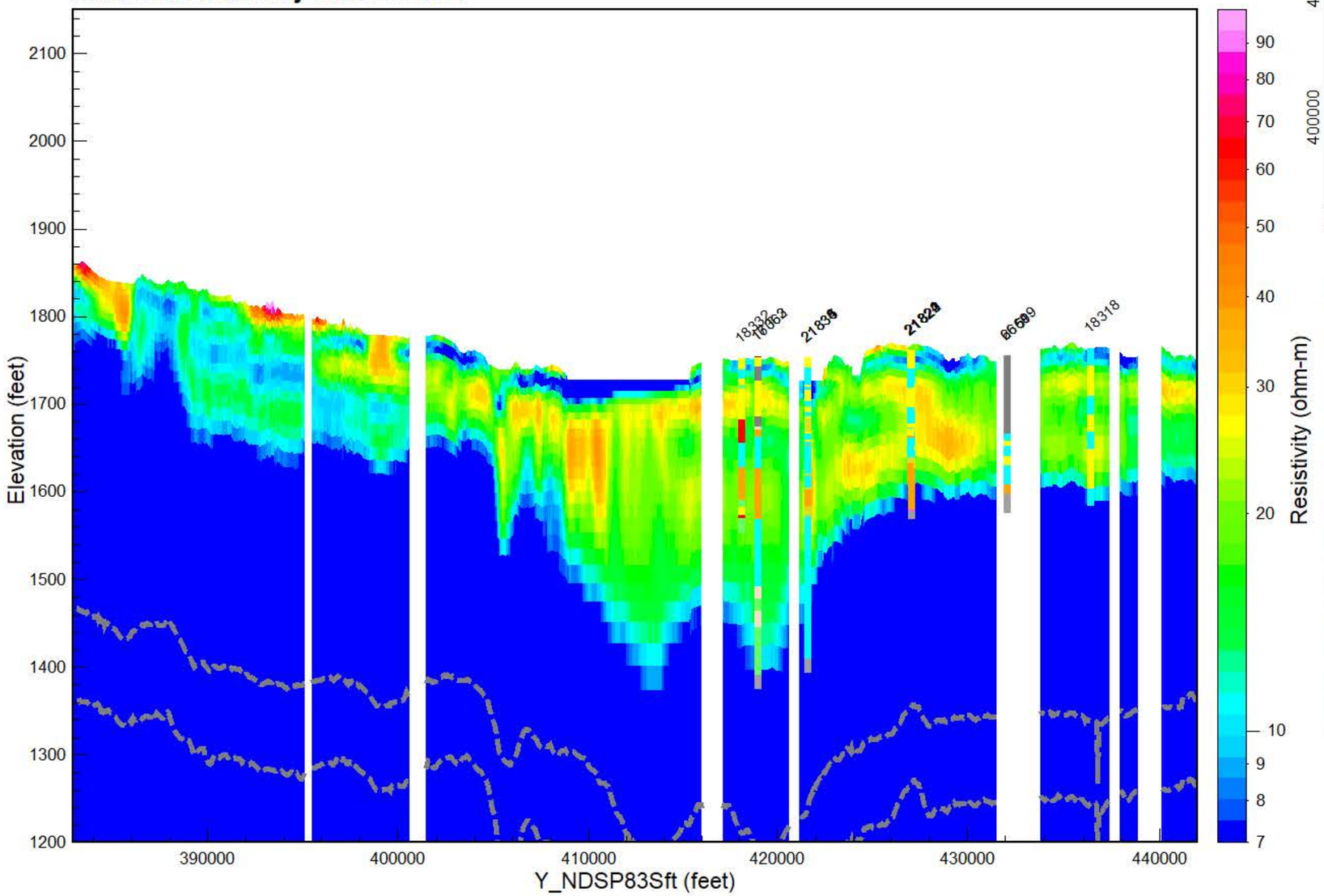
Flight Location Line L190301



AEM Survey Area 1



Final SCI Resistivity Line L190301

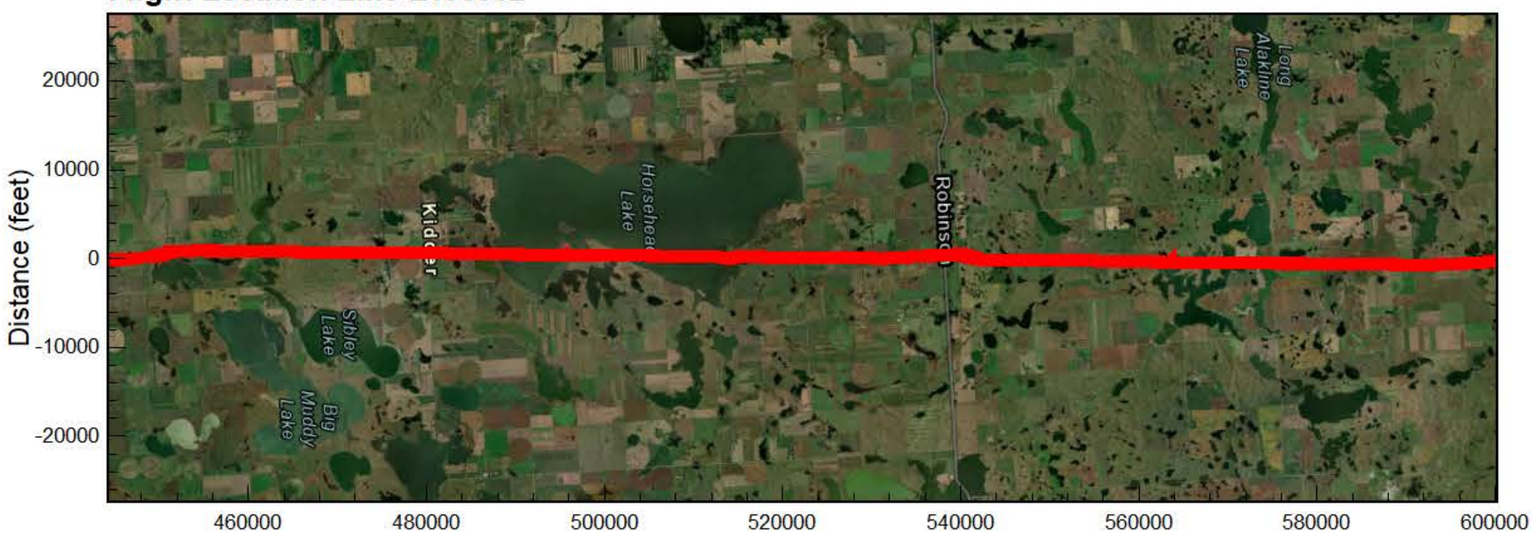


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

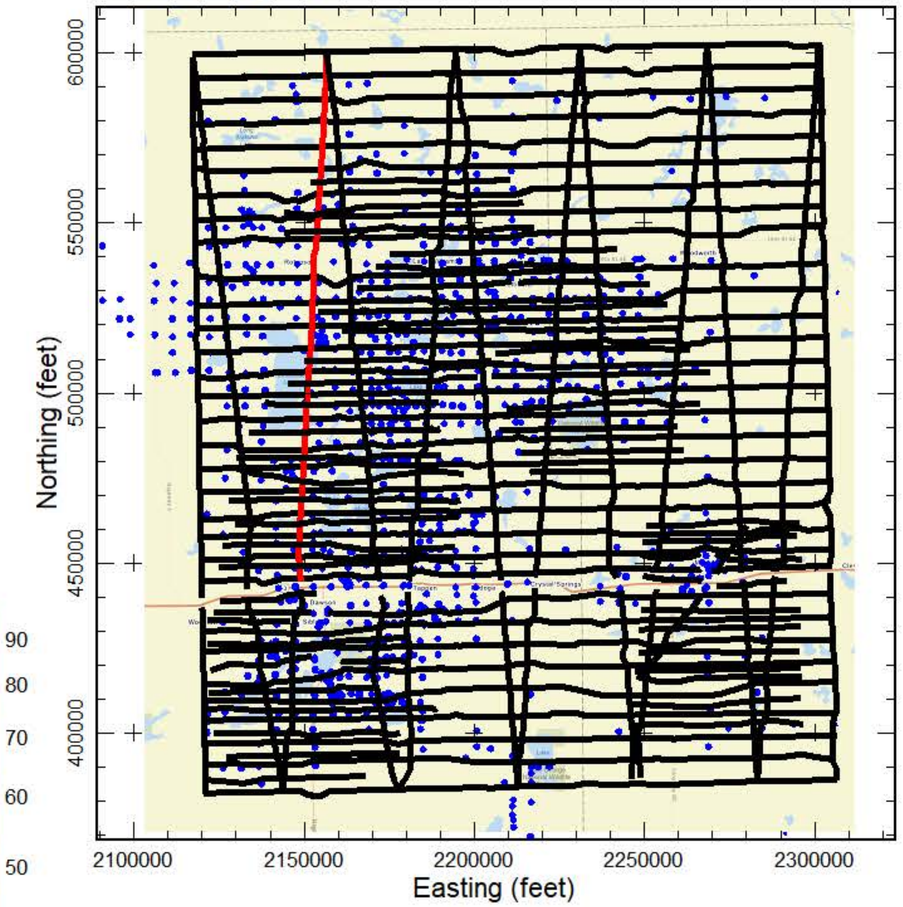
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

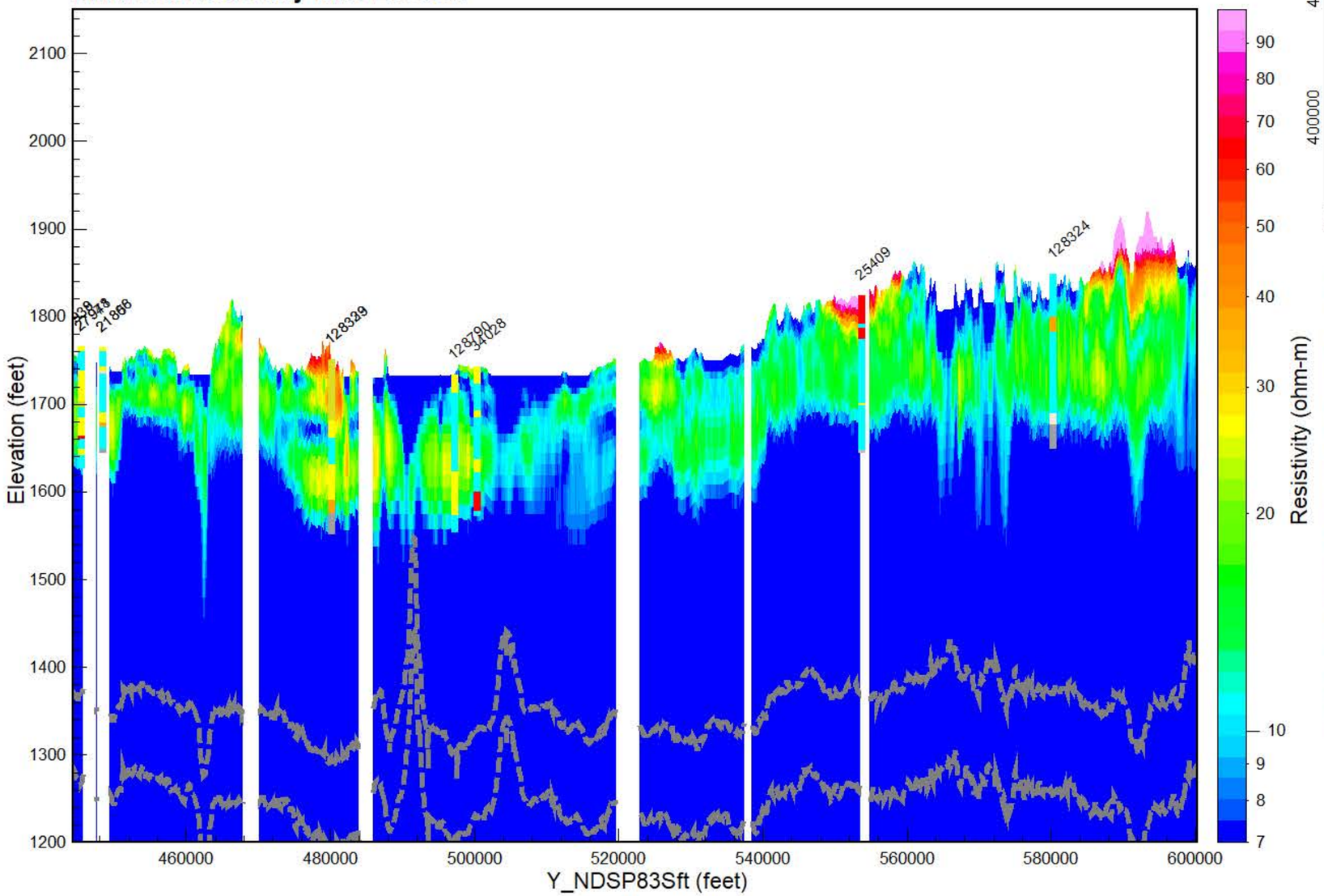
Flight Location Line L190302



AEM Survey Area 1



Final SCI Resistivity Line L190302



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

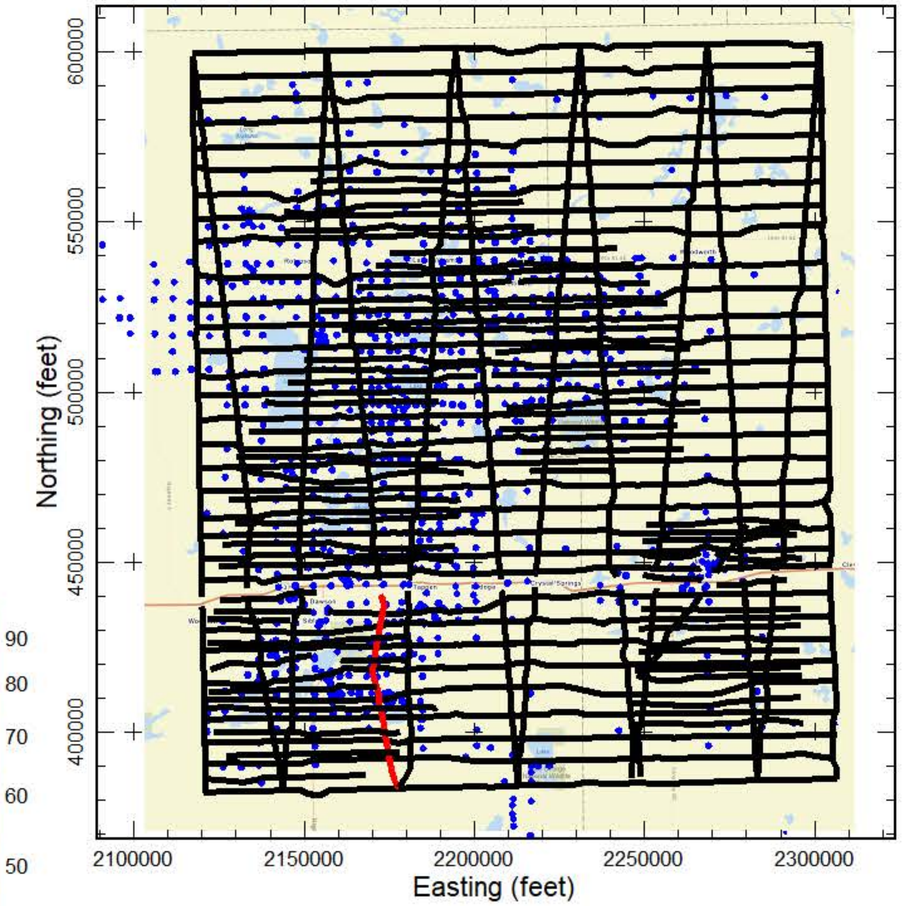
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

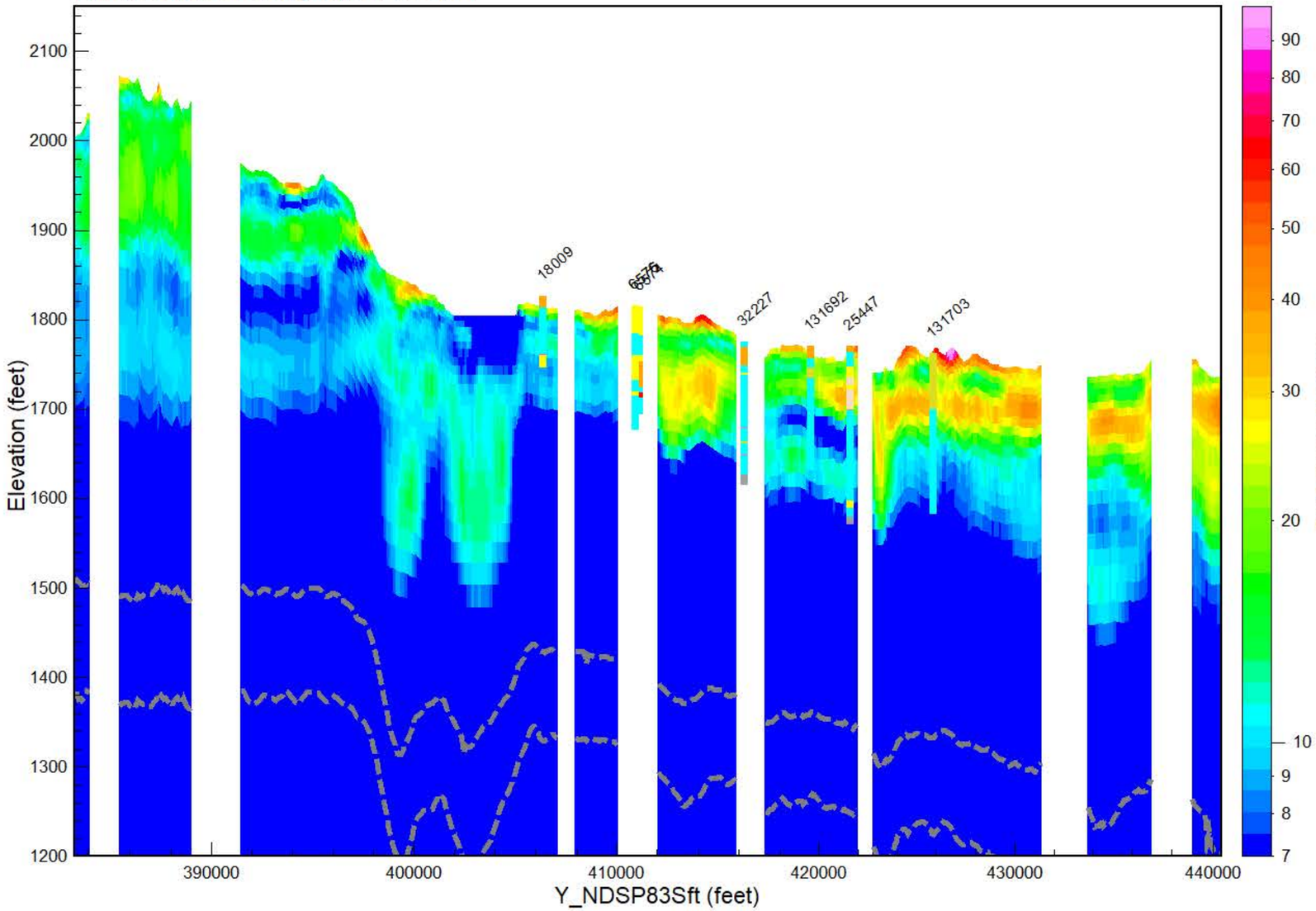
Flight Location Line L190401



AEM Survey Area 1



Final SCI Resistivity Line L190401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

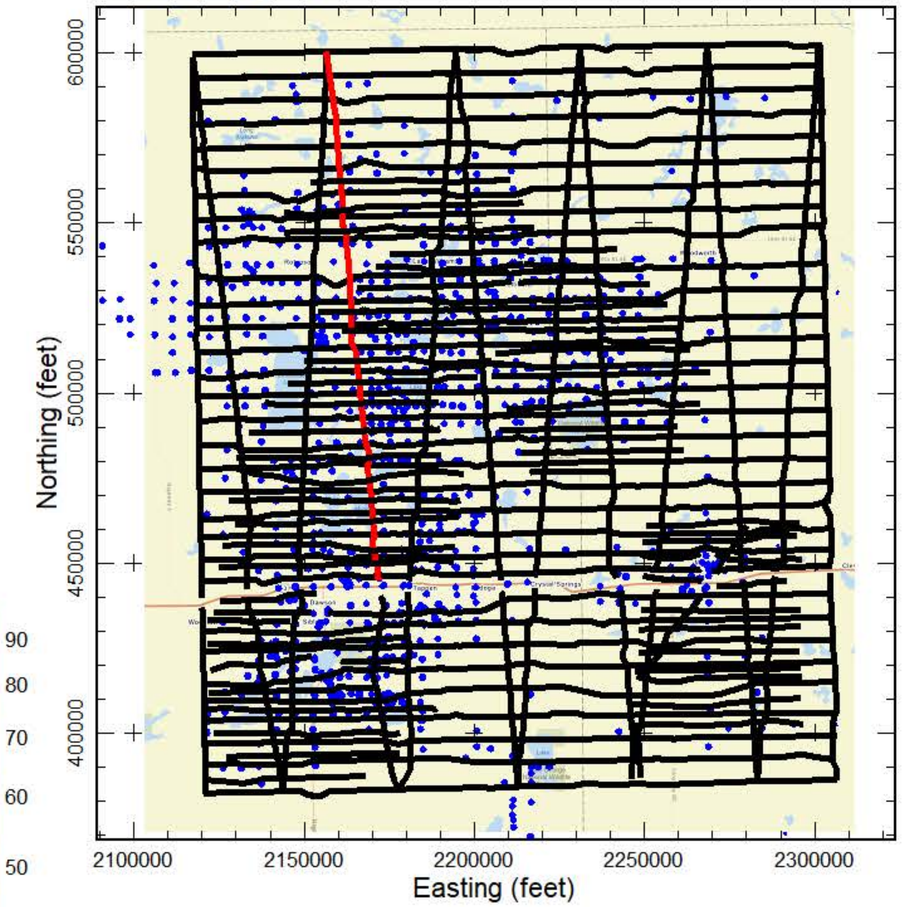
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

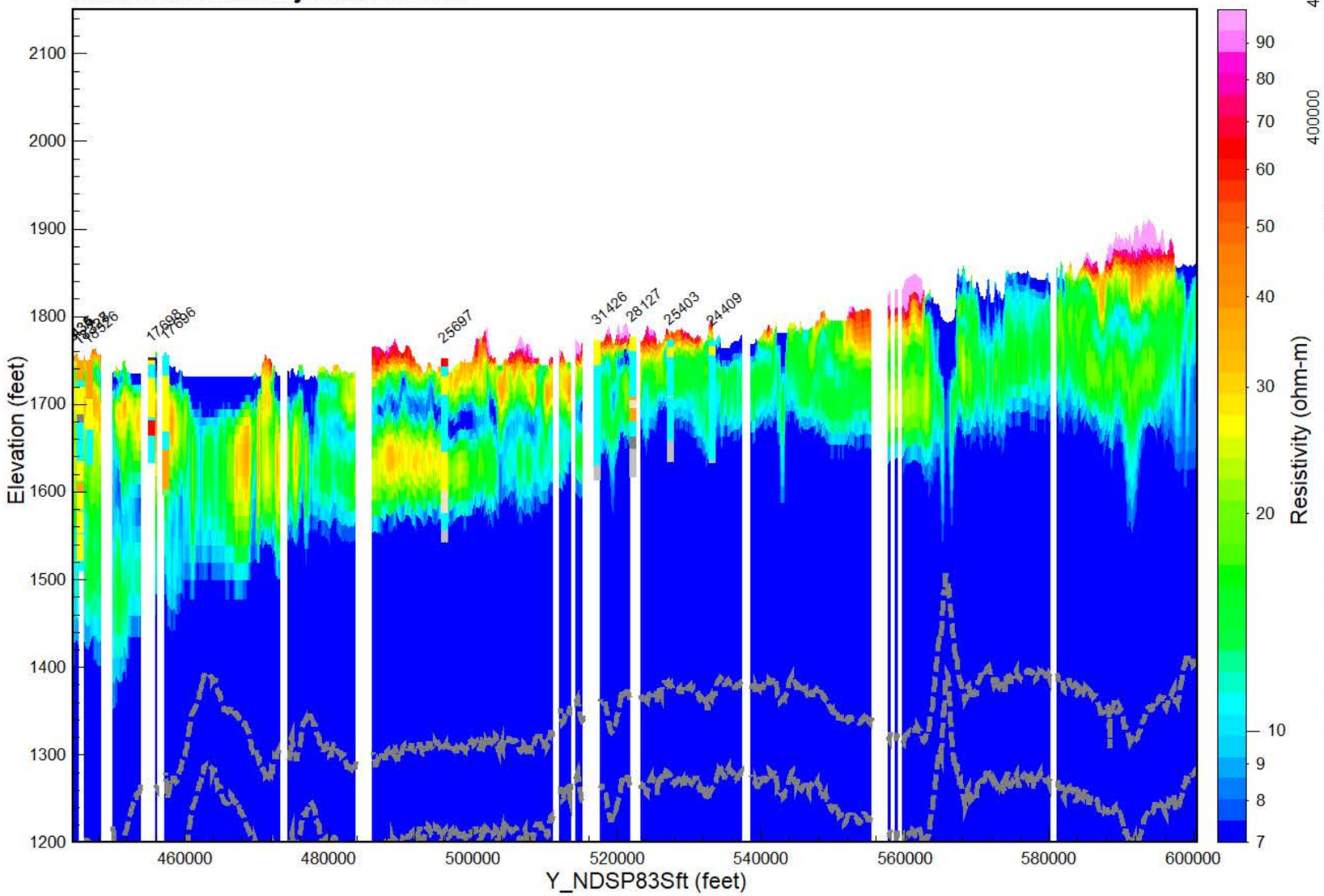
Flight Location Line L190402



AEM Survey Area 1



Final SCI Resistivity Line L190402



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

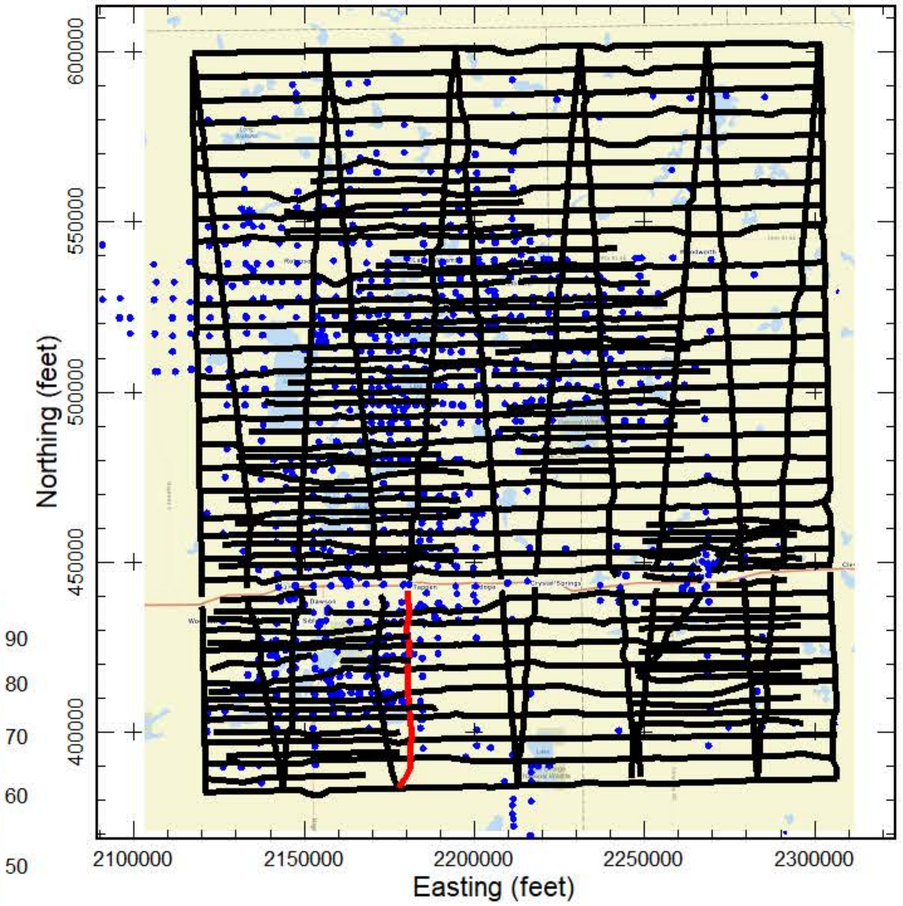
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

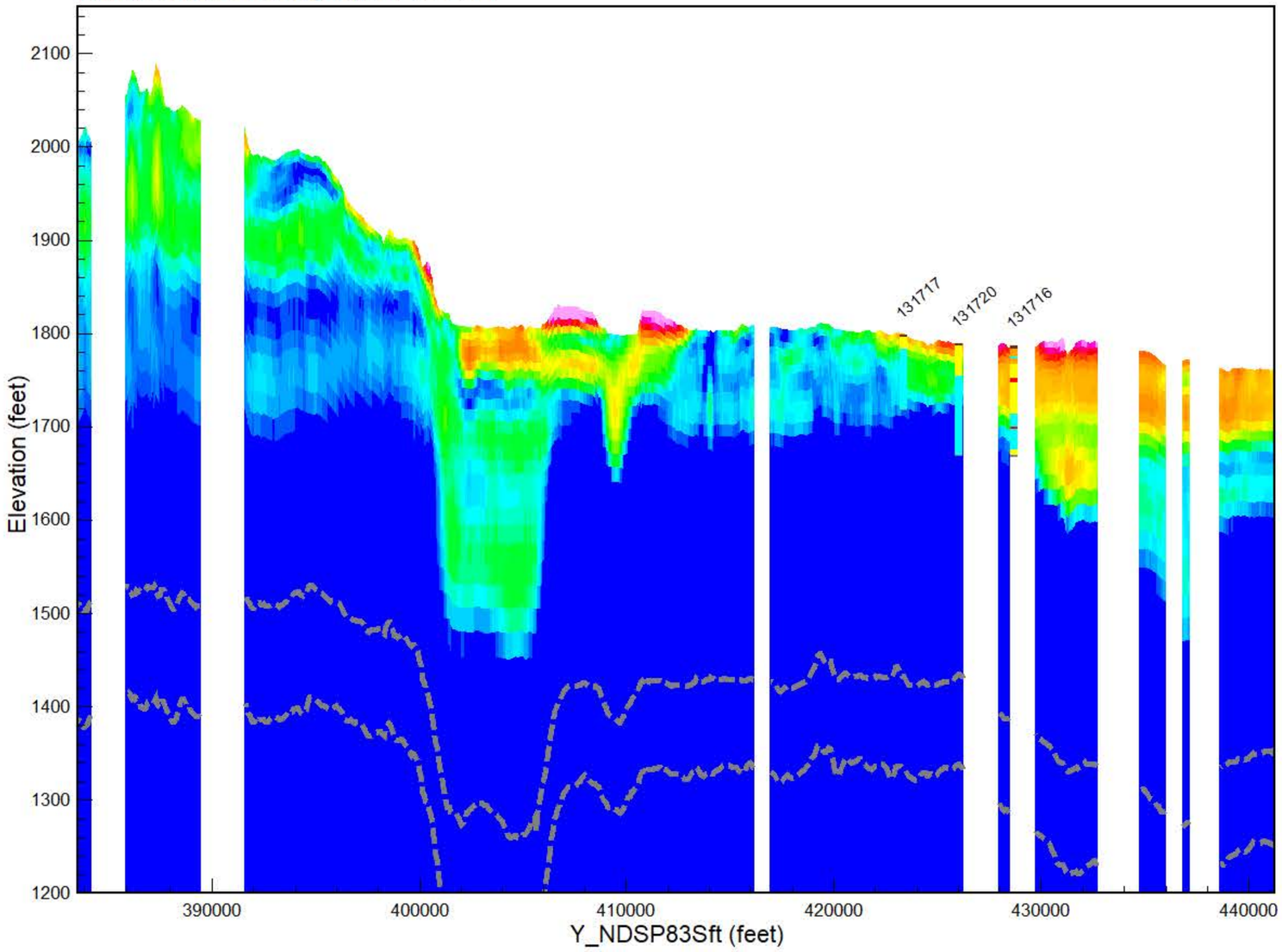
Flight Location Line L190501

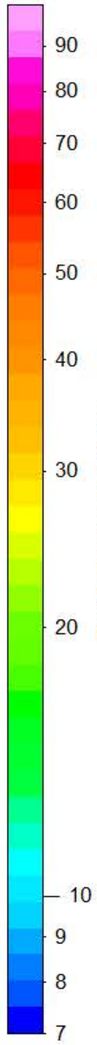


AEM Survey Area 1



Final SCI Resistivity Line L190501





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

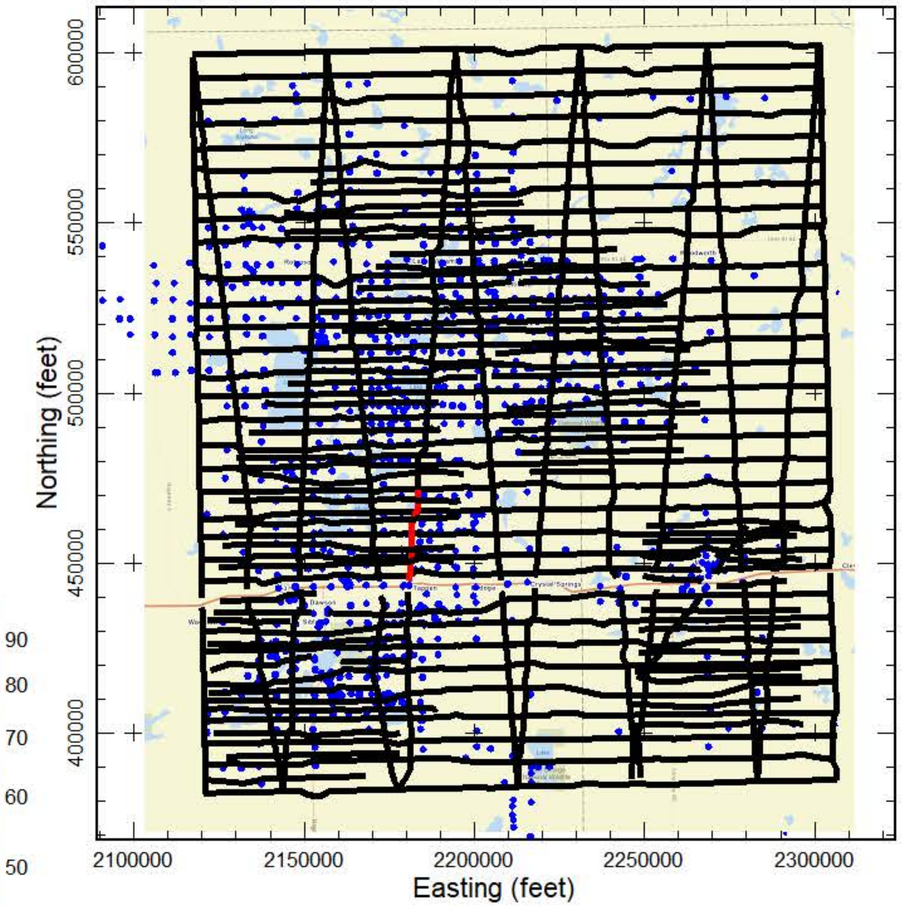
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

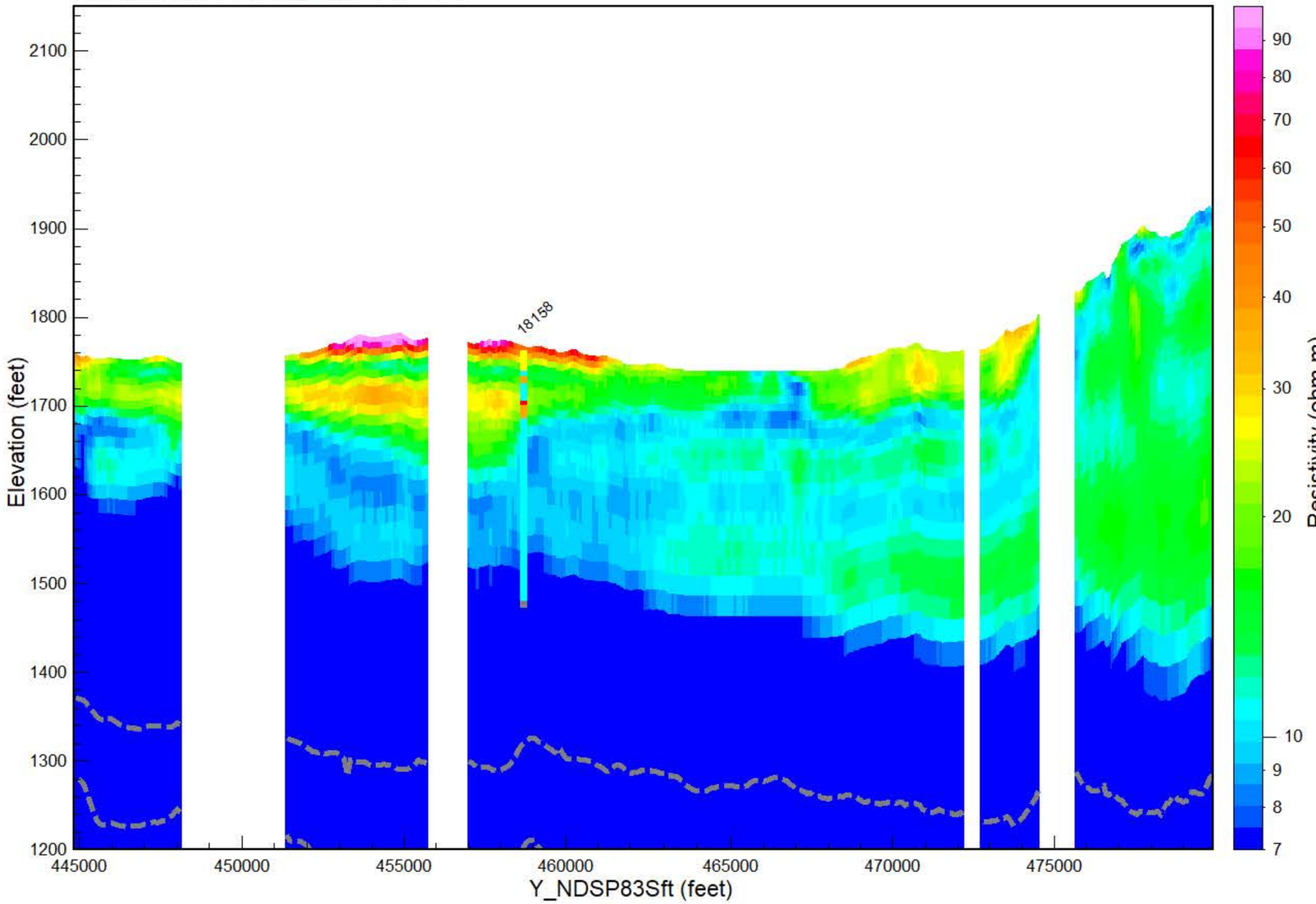
Flight Location Line L190502



AEM Survey Area 1



Final SCI Resistivity Line L190502

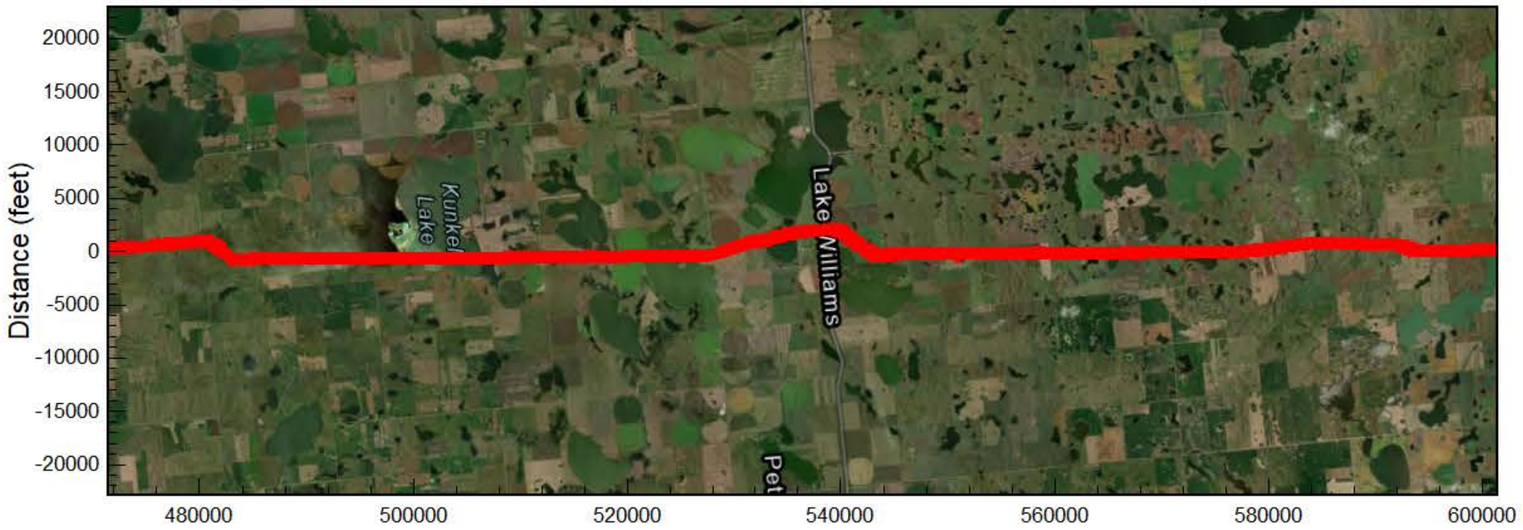


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

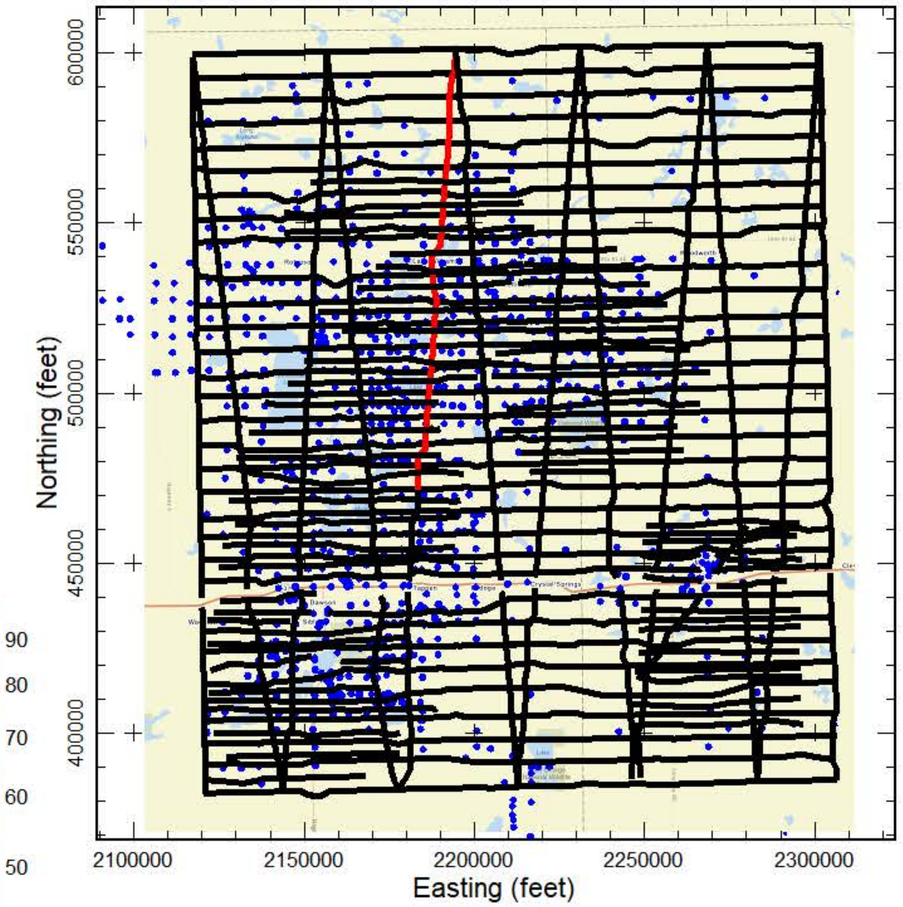
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

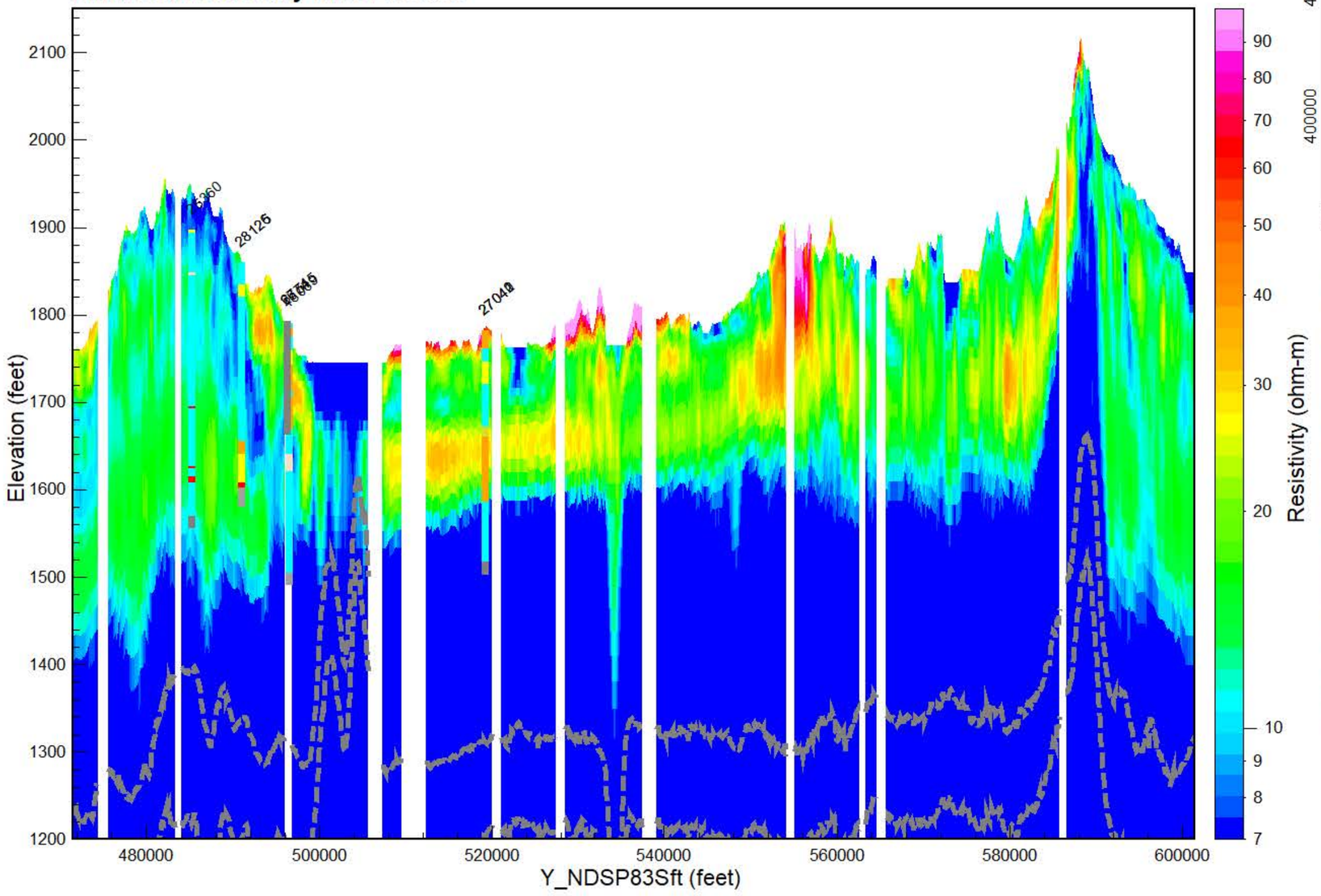
Flight Location Line L190503



AEM Survey Area 1



Final SCI Resistivity Line L190503



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

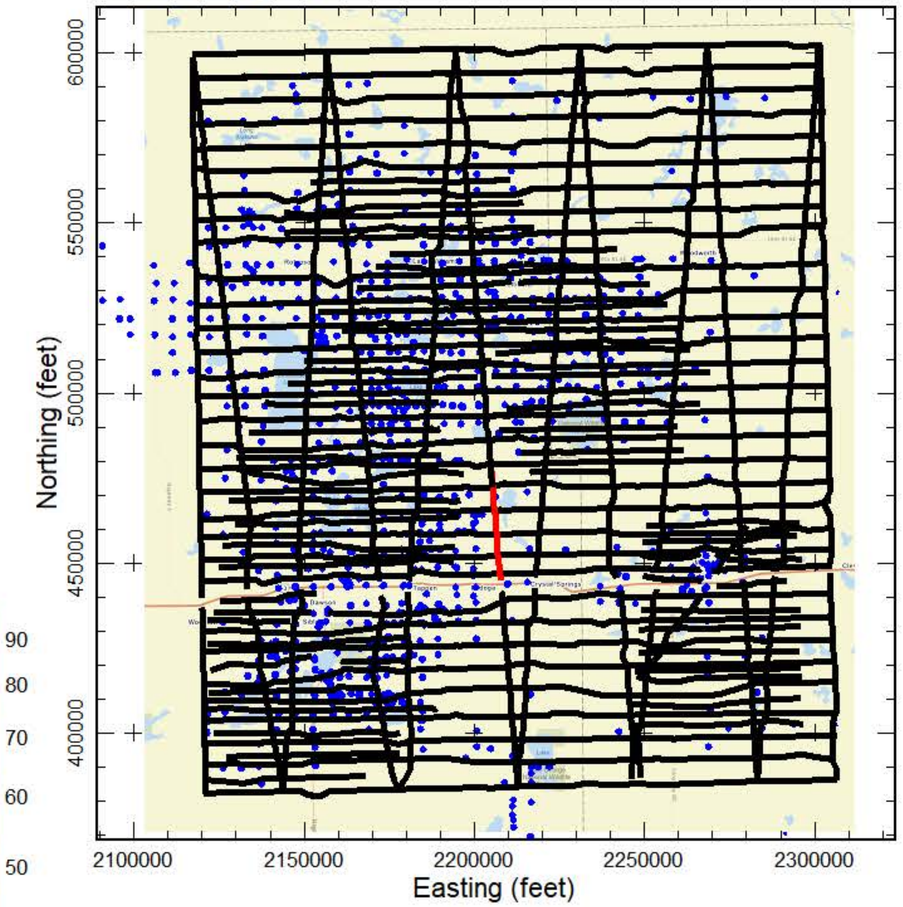
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

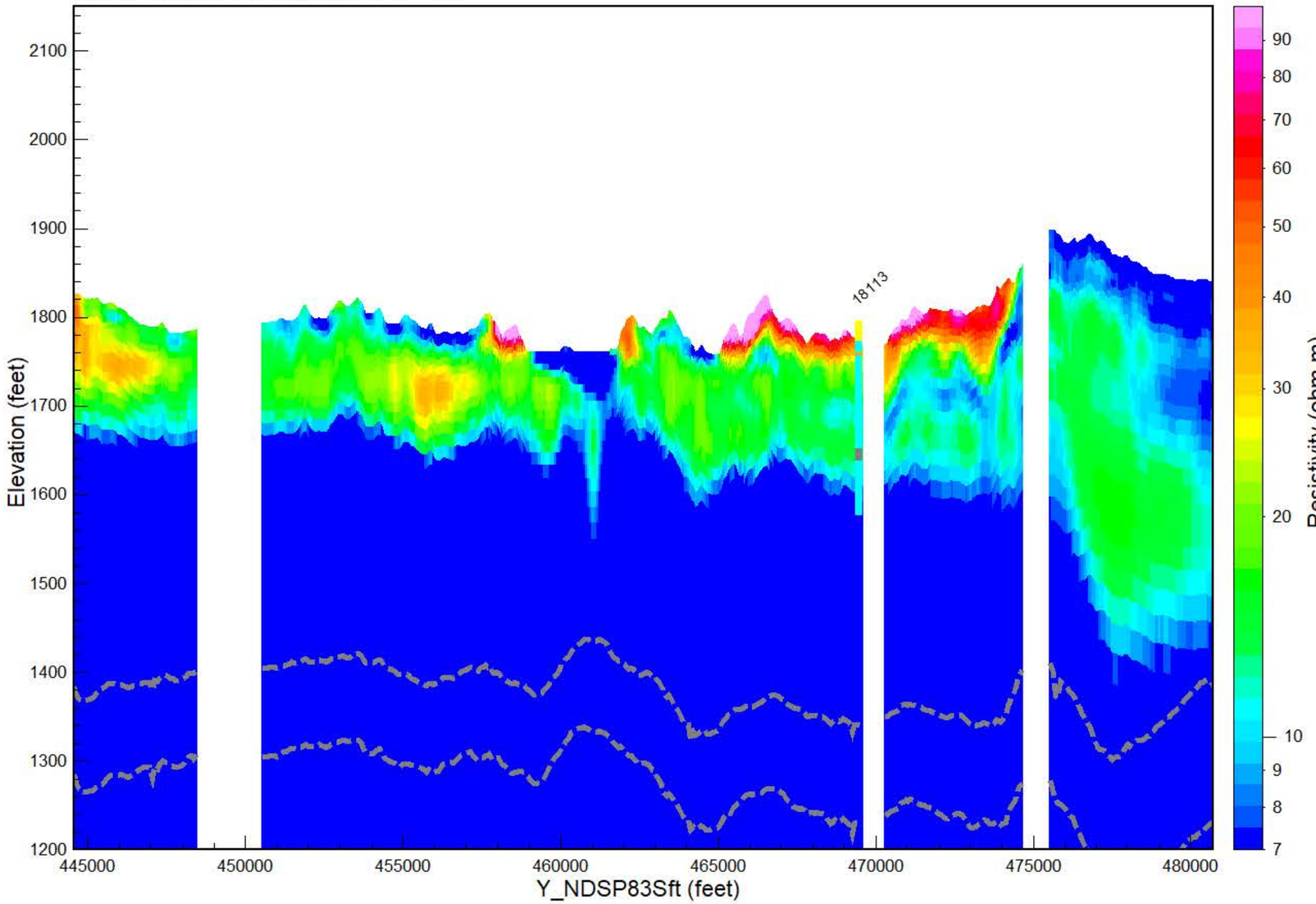
Flight Location Line L190602



AEM Survey Area 1



Final SCI Resistivity Line L190602

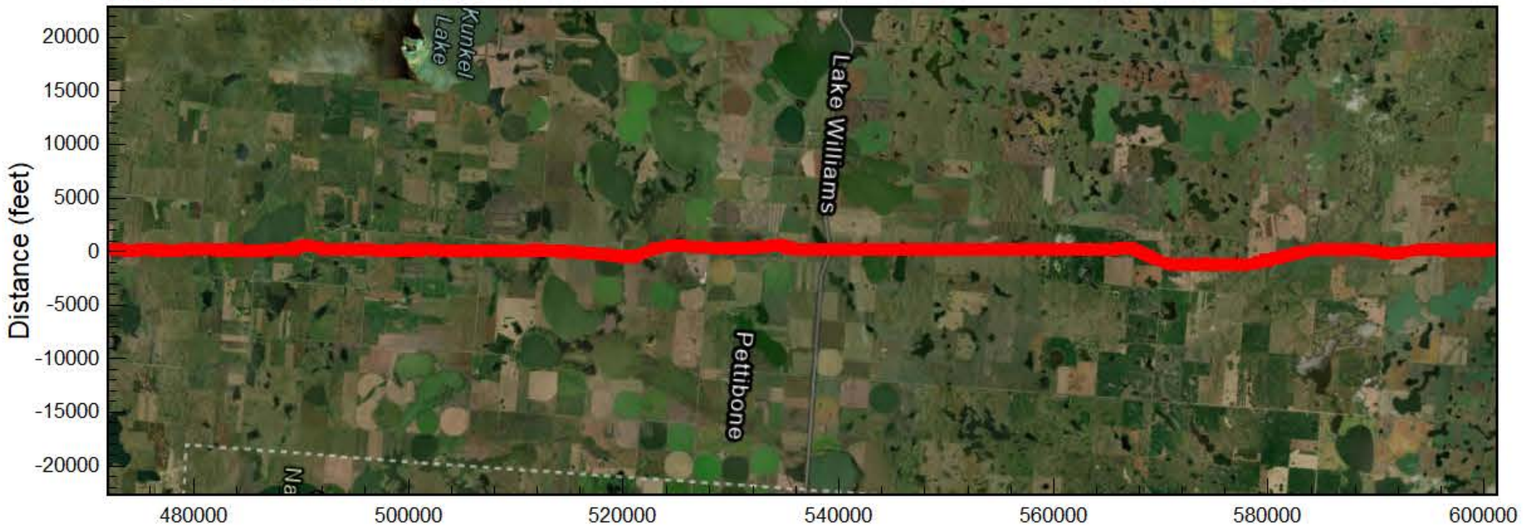


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

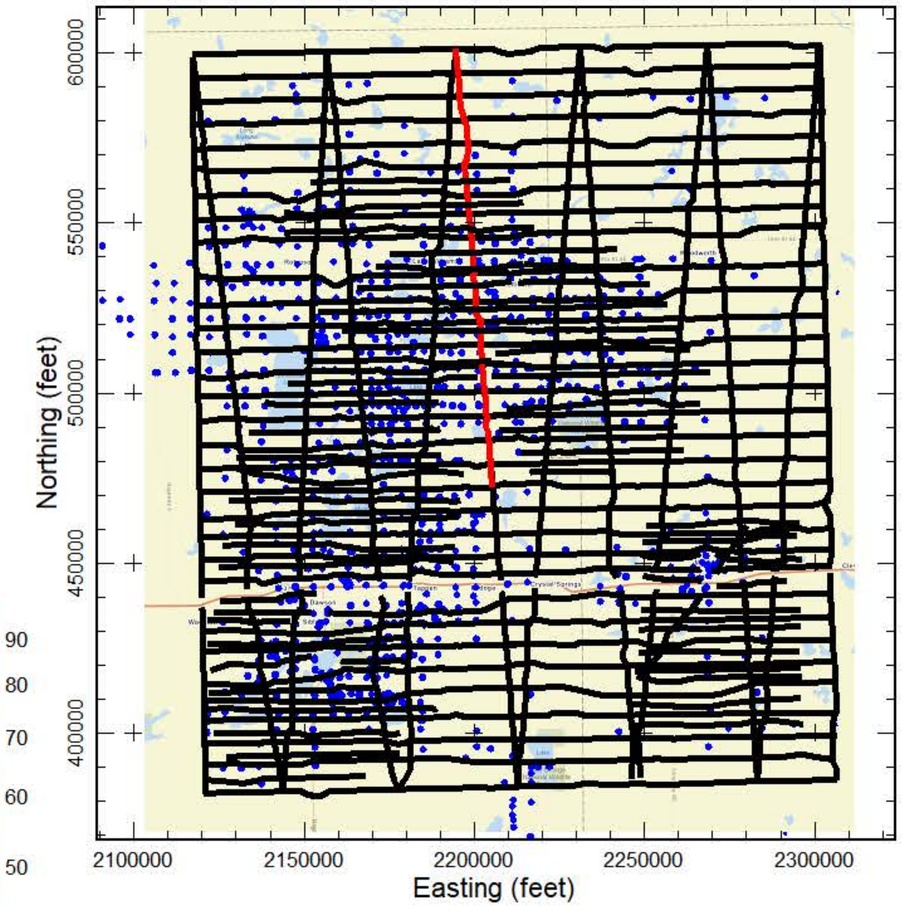
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

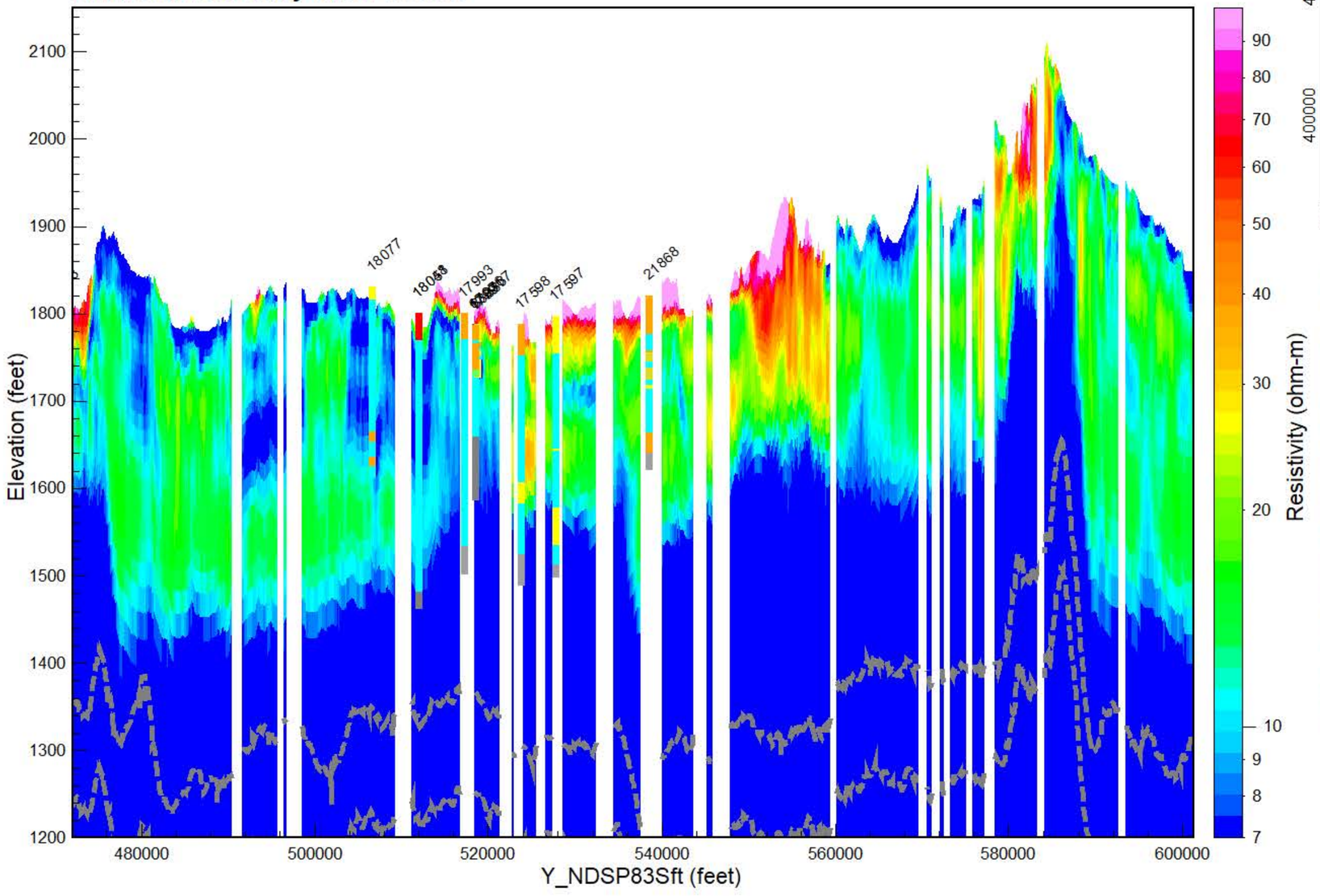
Flight Location Line L190603



AEM Survey Area 1



Final SCI Resistivity Line L190603

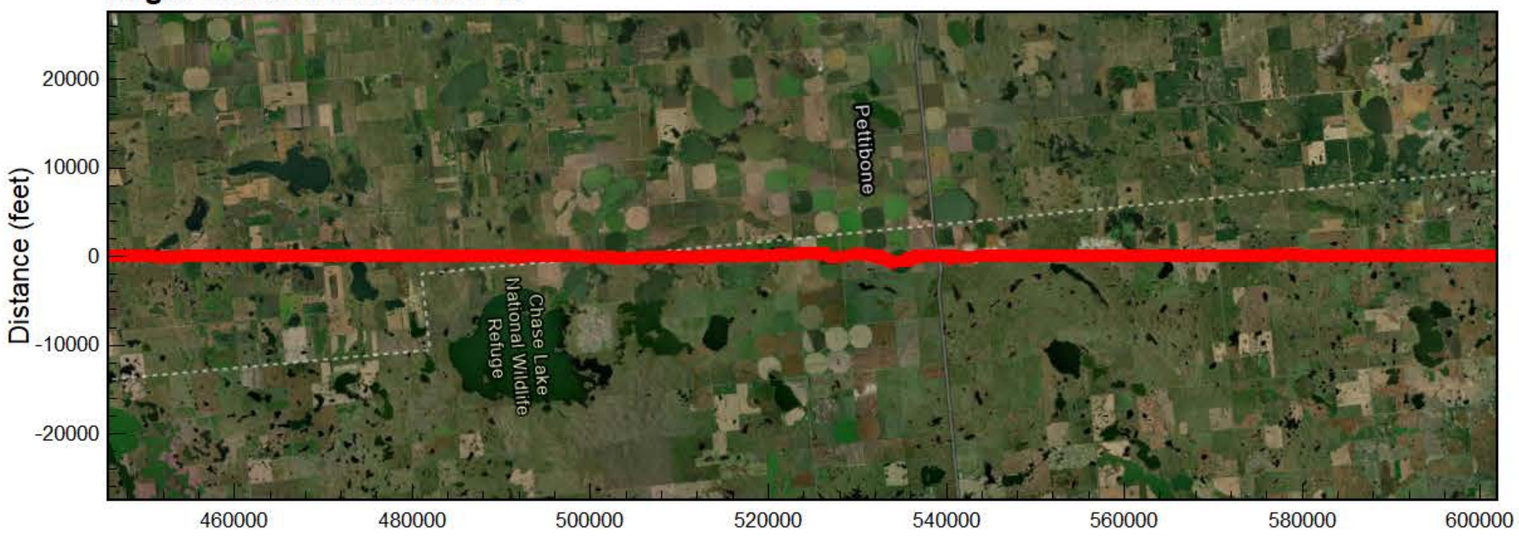


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

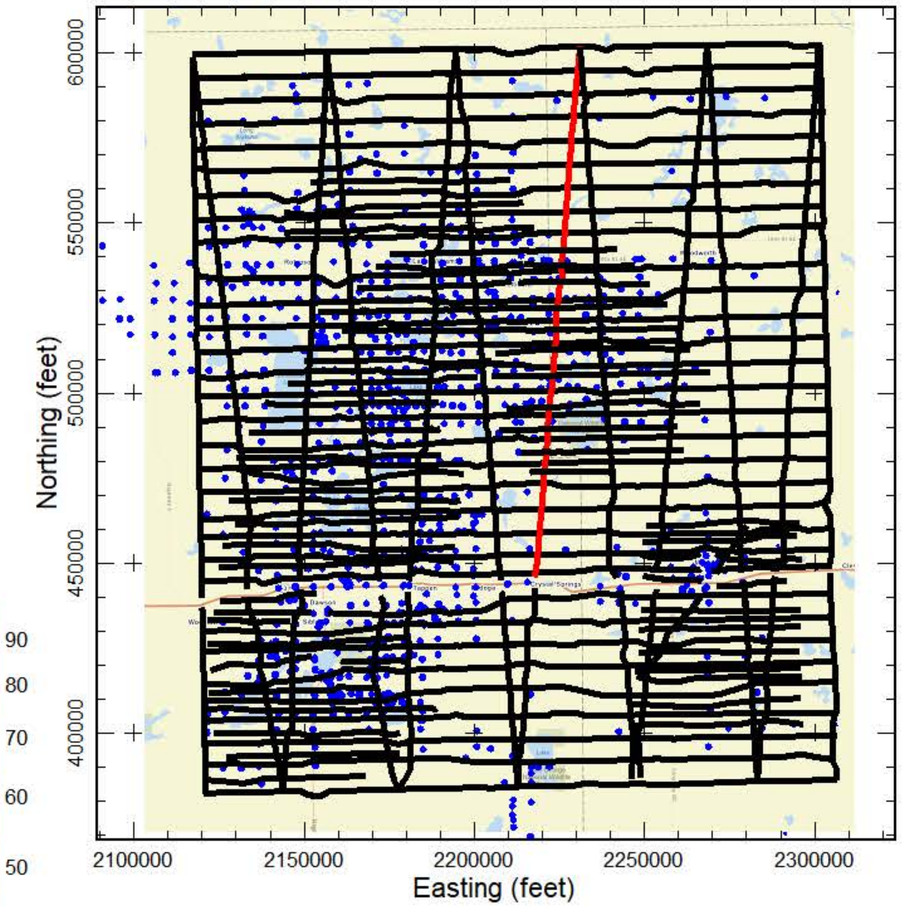
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

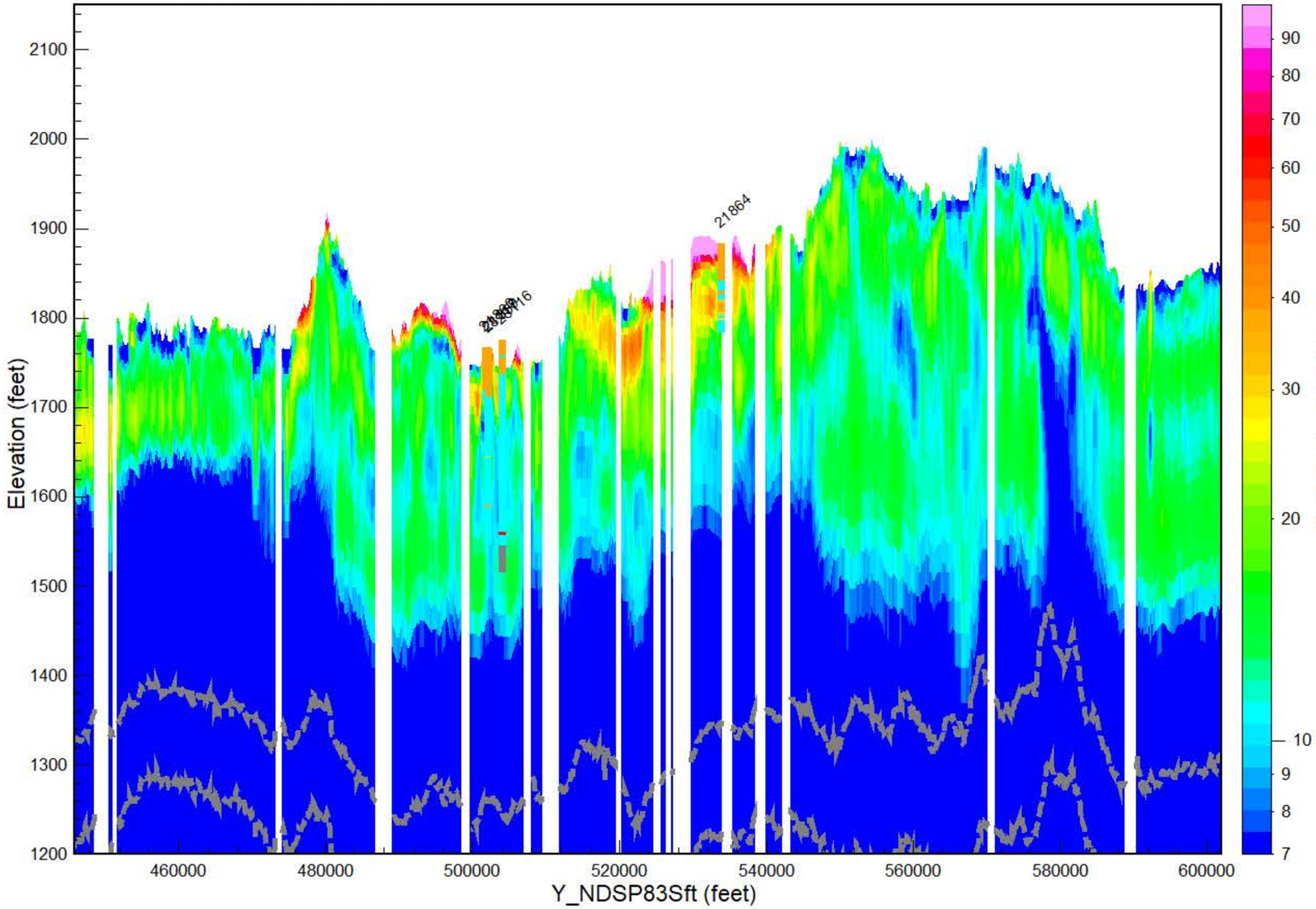
Flight Location Line L190702



AEM Survey Area 1



Final SCI Resistivity Line L190702

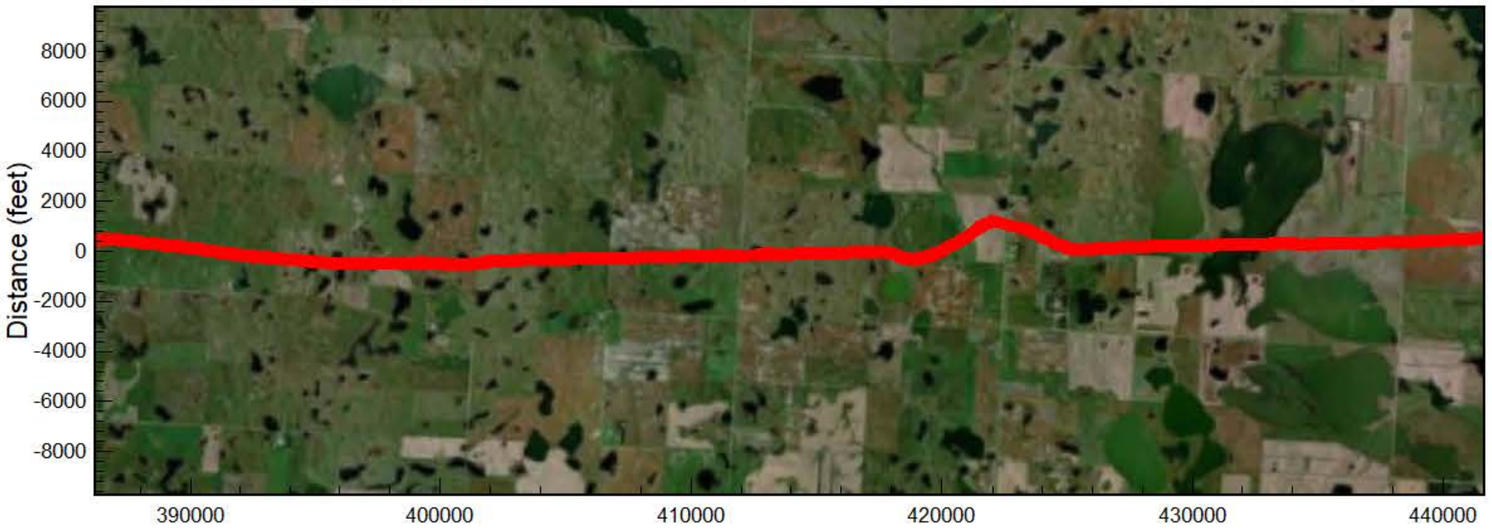


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

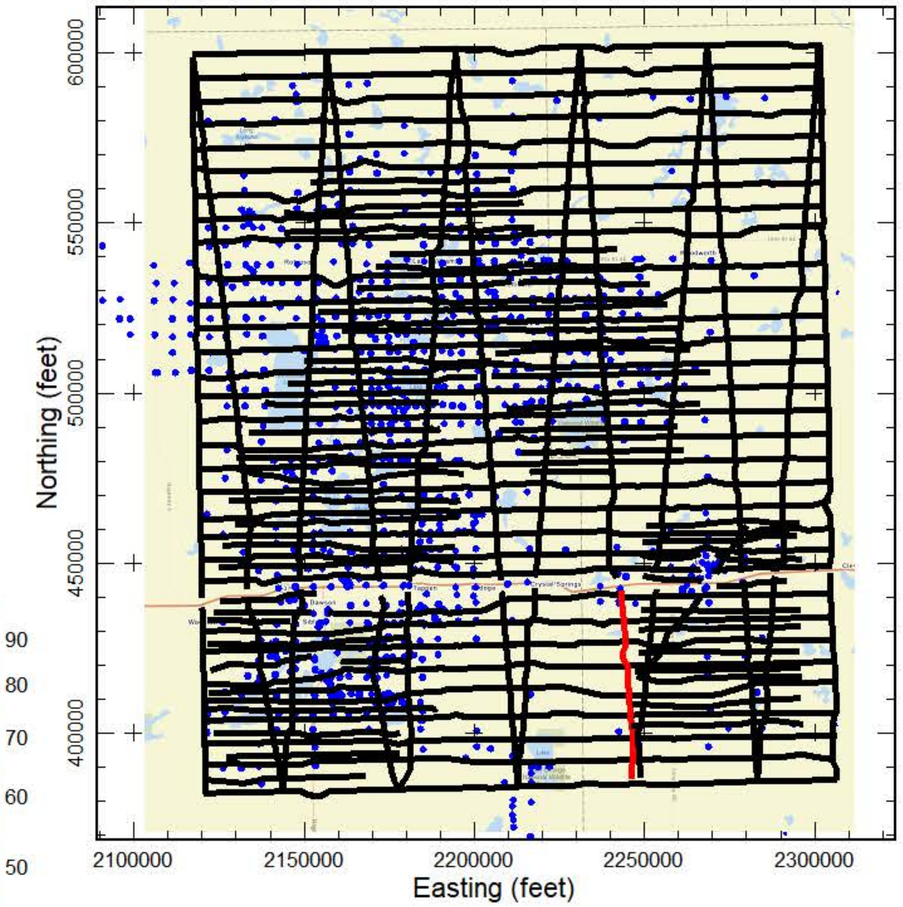
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

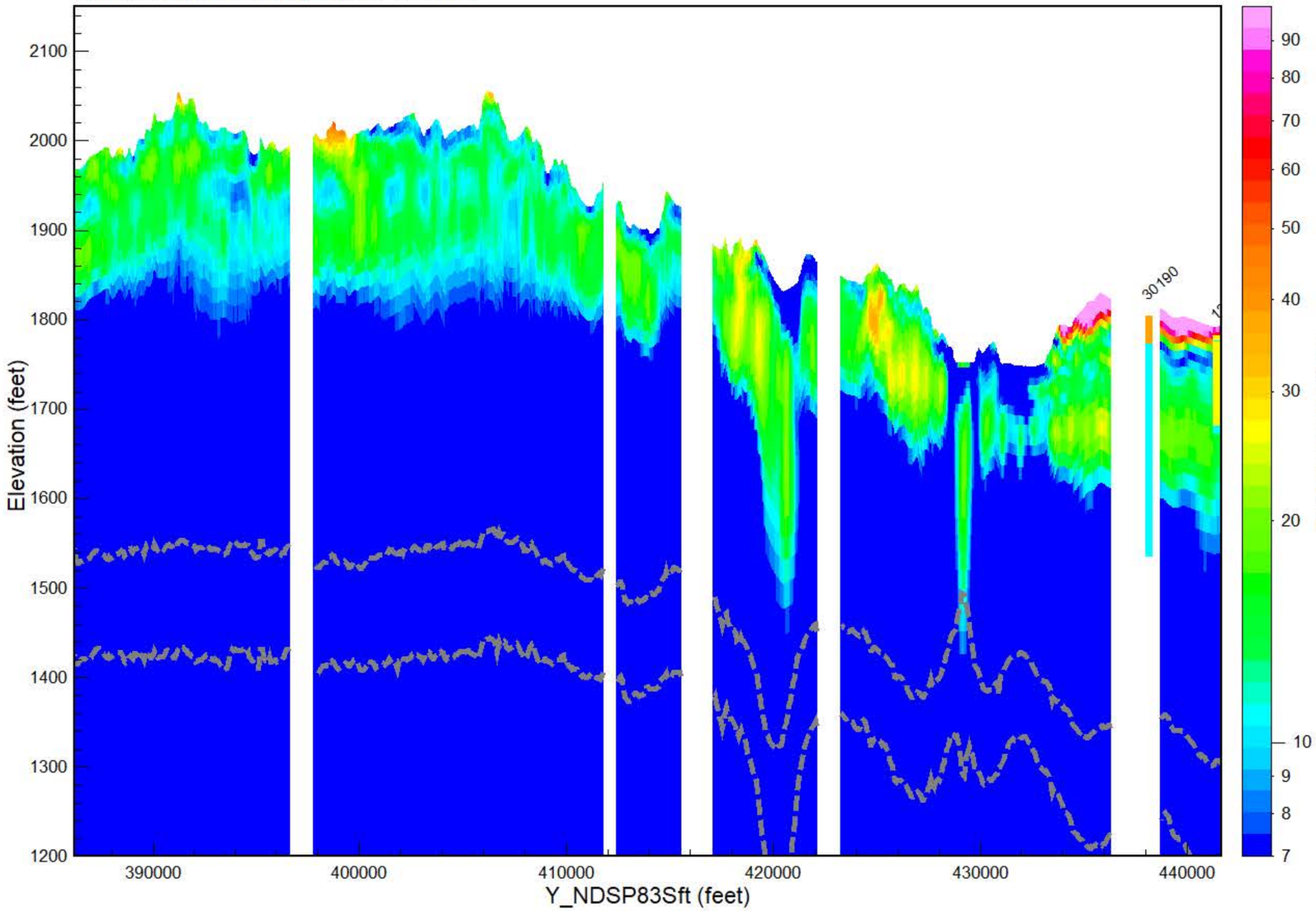
Flight Location Line L190801



AEM Survey Area 1



Final SCI Resistivity Line L190801

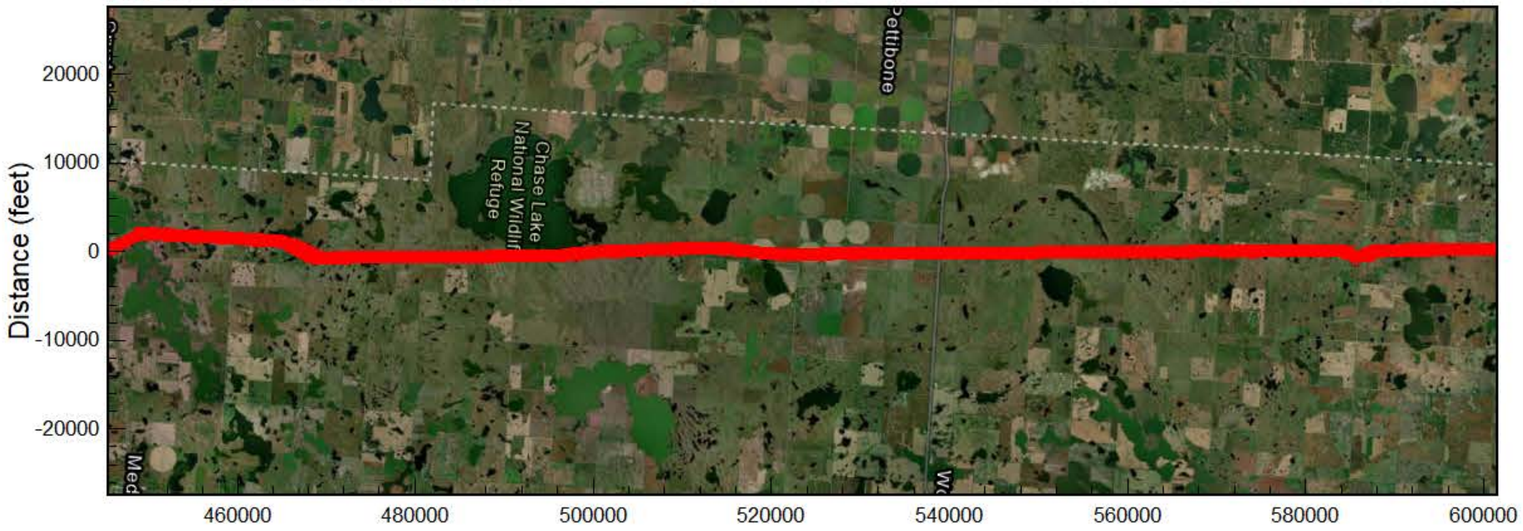


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

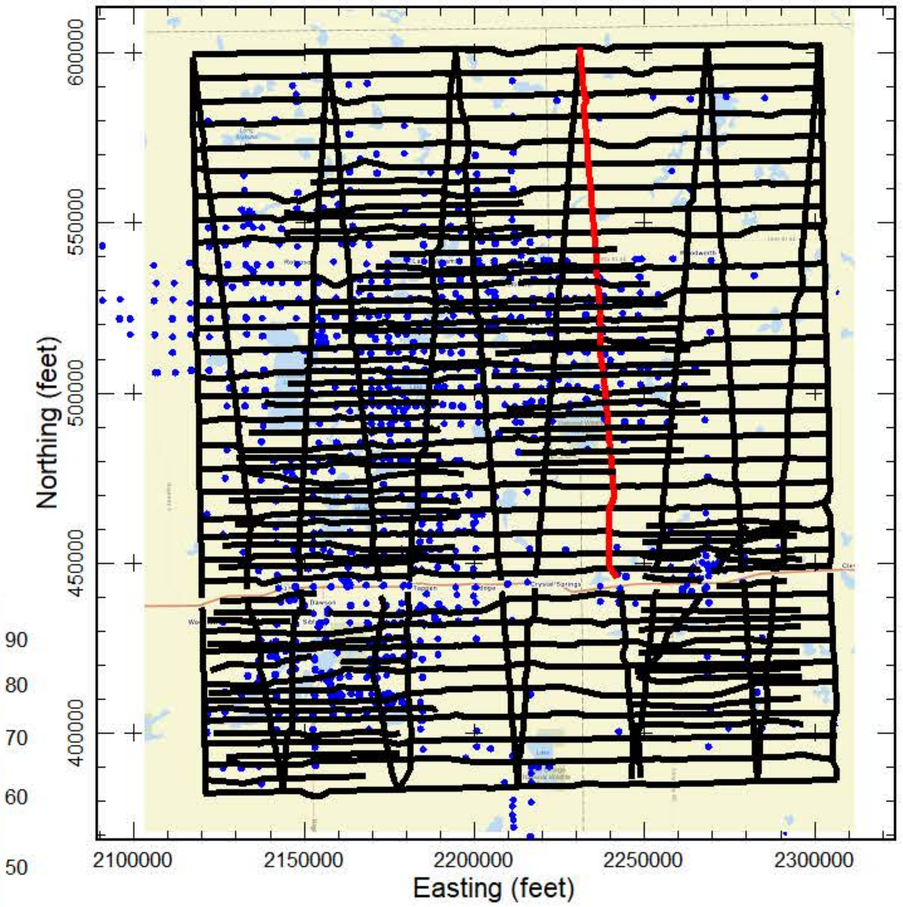
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

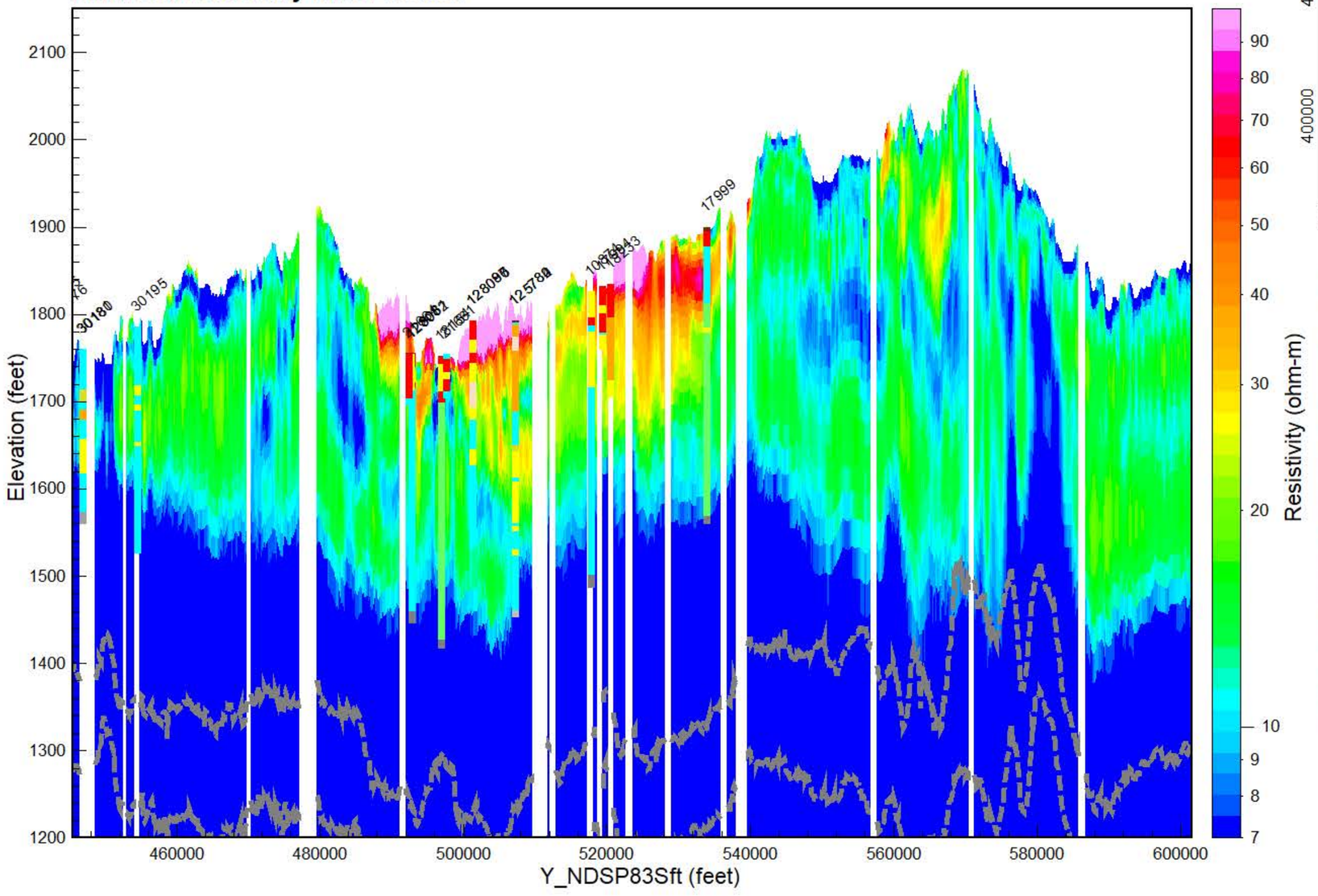
Flight Location Line L190802



AEM Survey Area 1



Final SCI Resistivity Line L190802



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

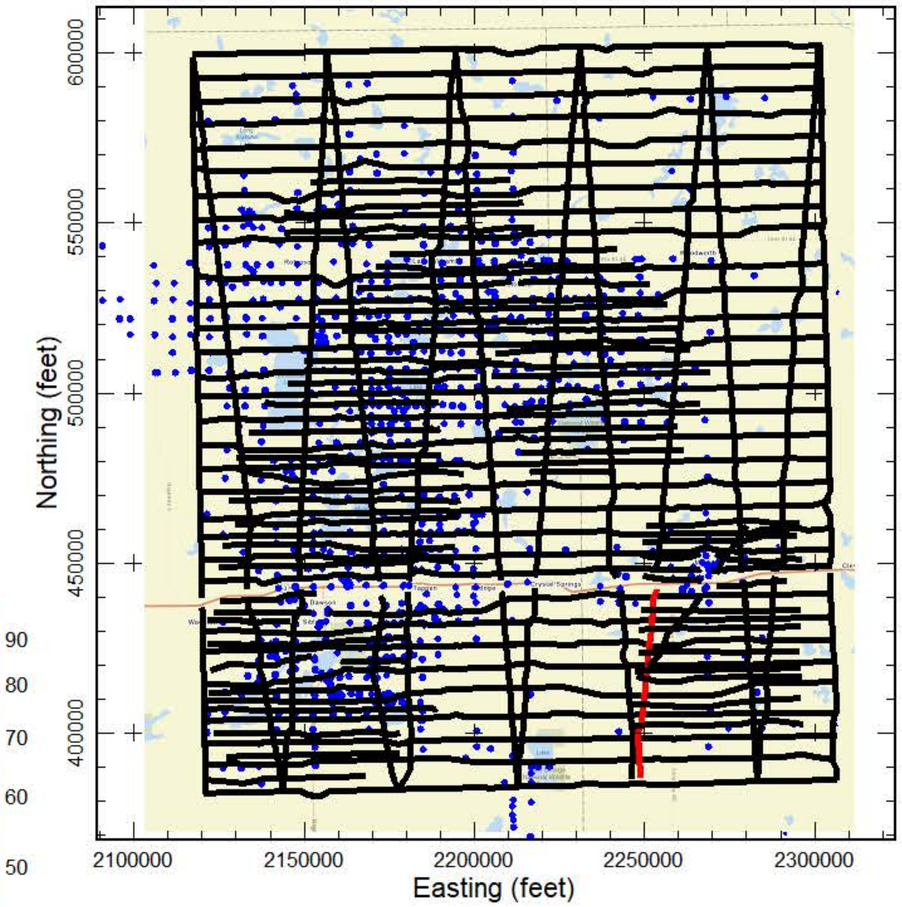
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

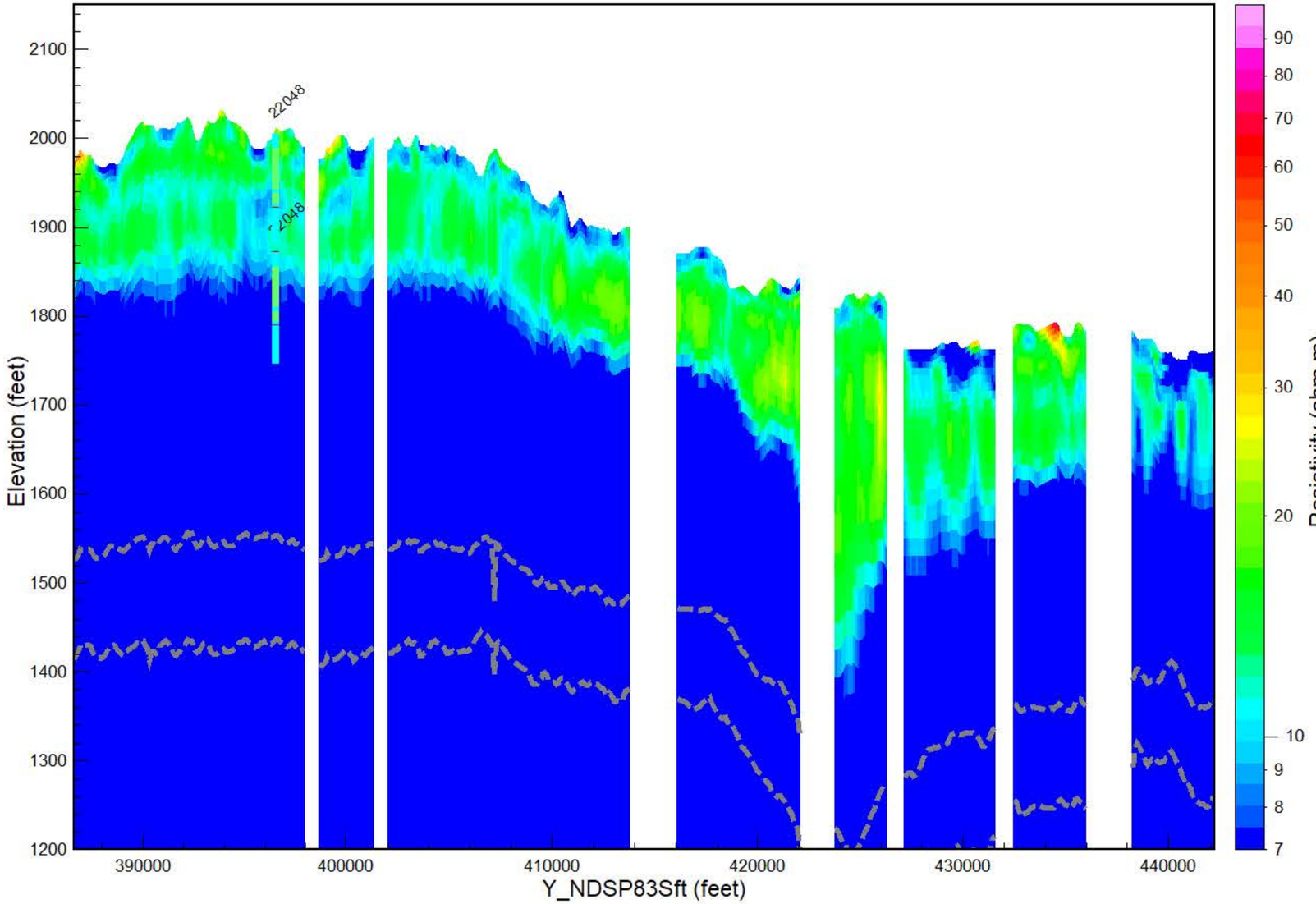
Flight Location Line L190901



AEM Survey Area 1



Final SCI Resistivity Line L190901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

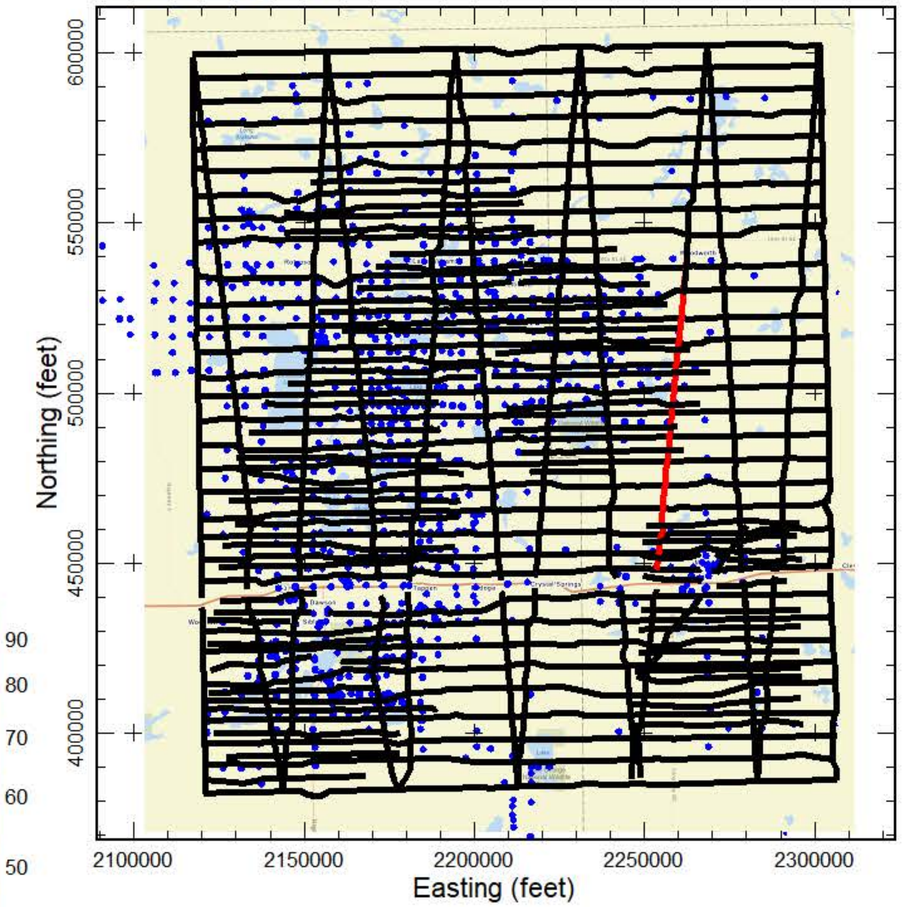
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

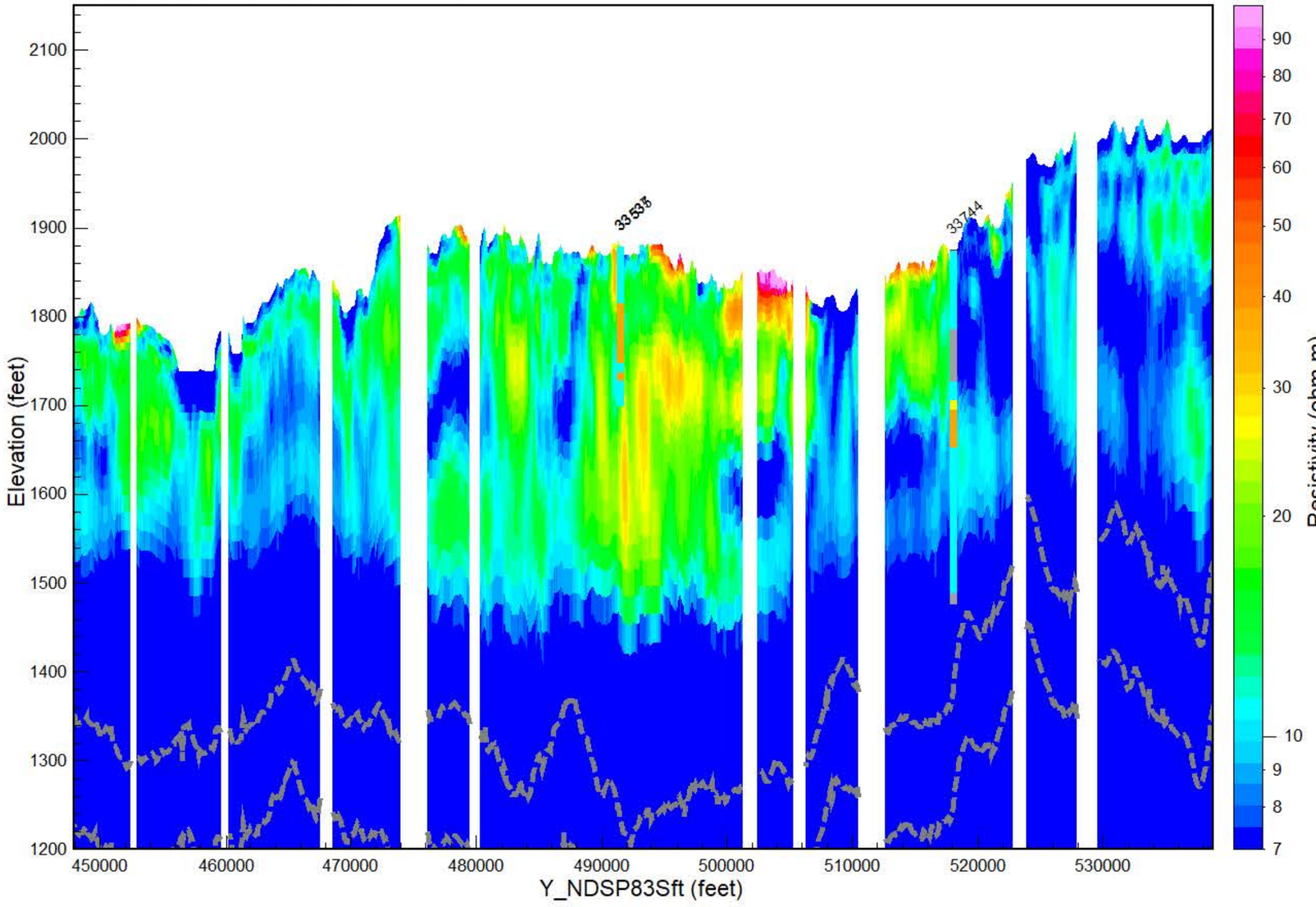
Flight Location Line L190902



AEM Survey Area 1



Final SCI Resistivity Line L190902

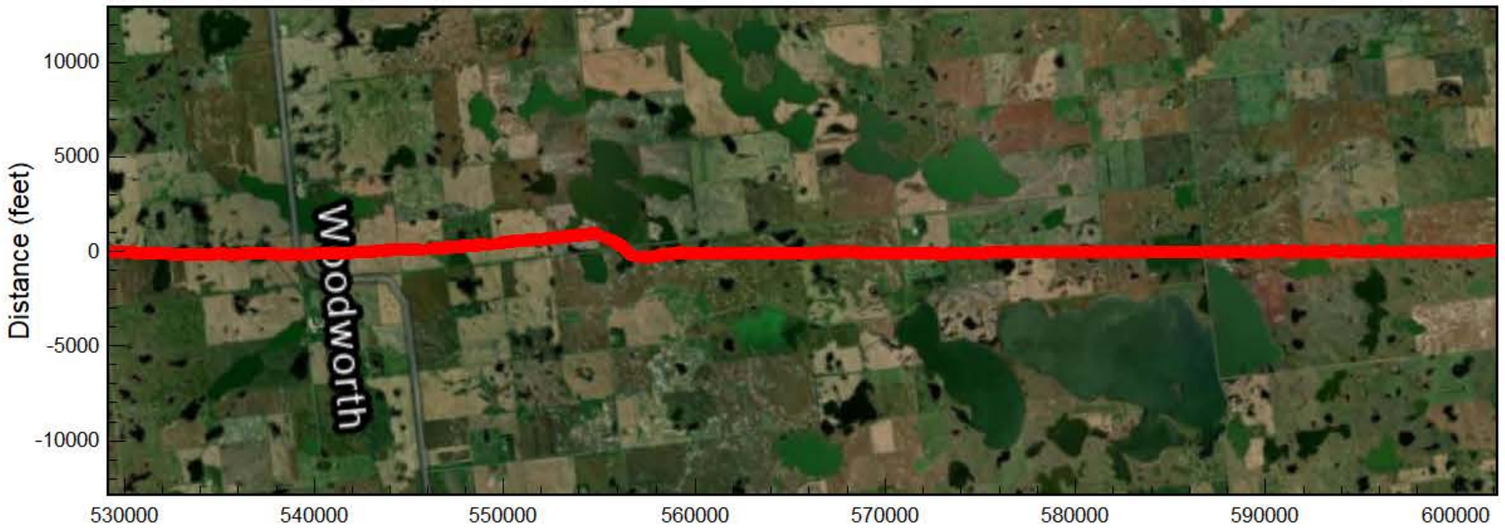


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

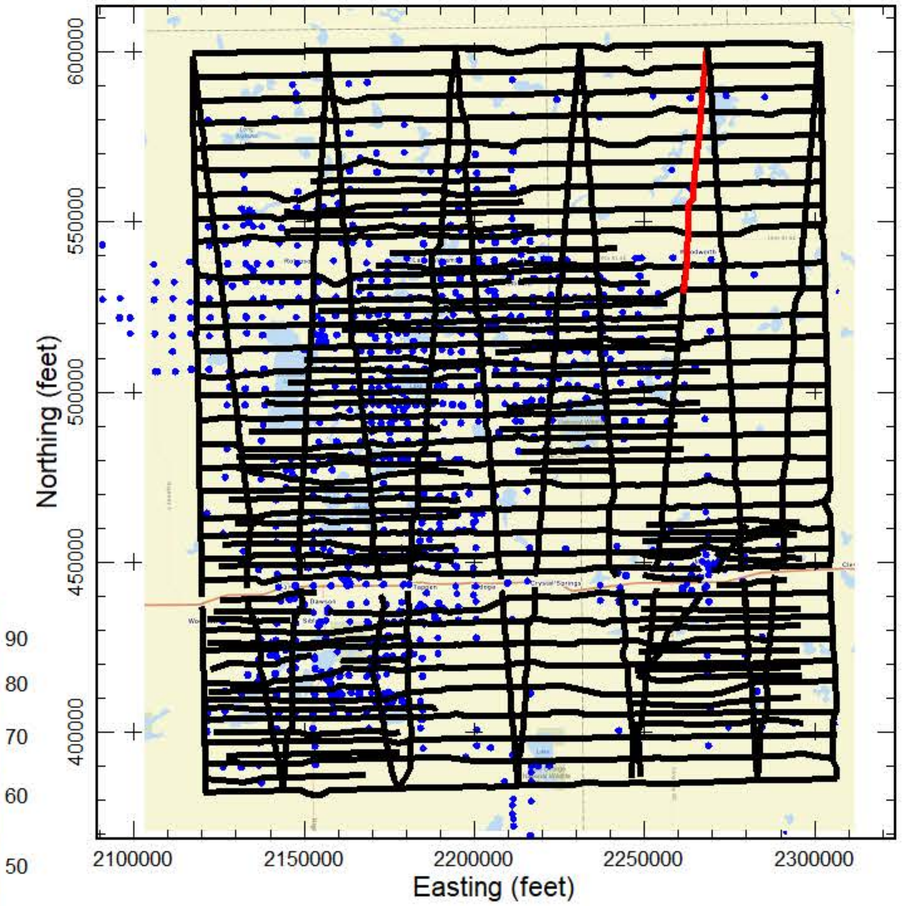
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

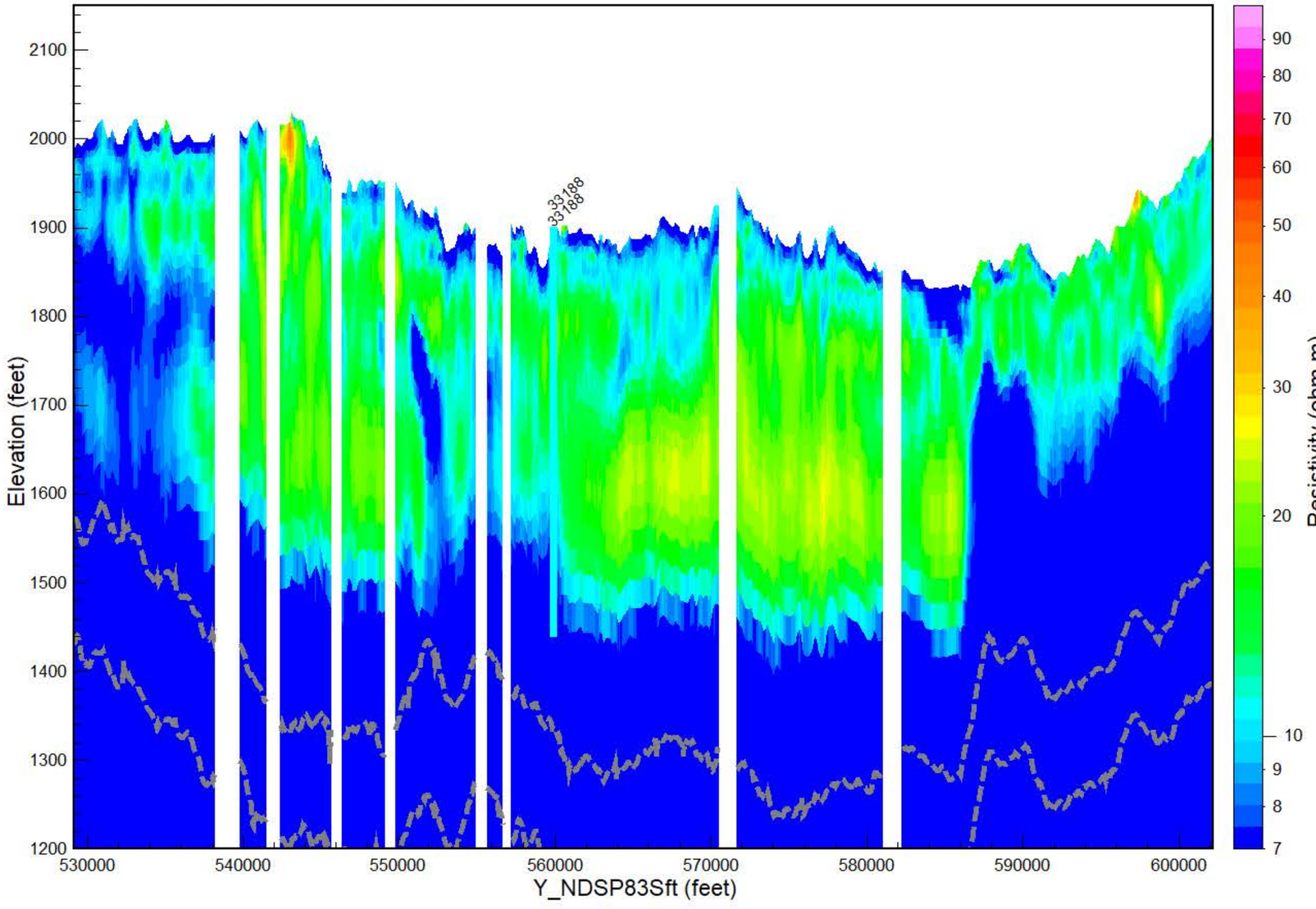
Flight Location Line L190903



AEM Survey Area 1



Final SCI Resistivity Line L190903



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

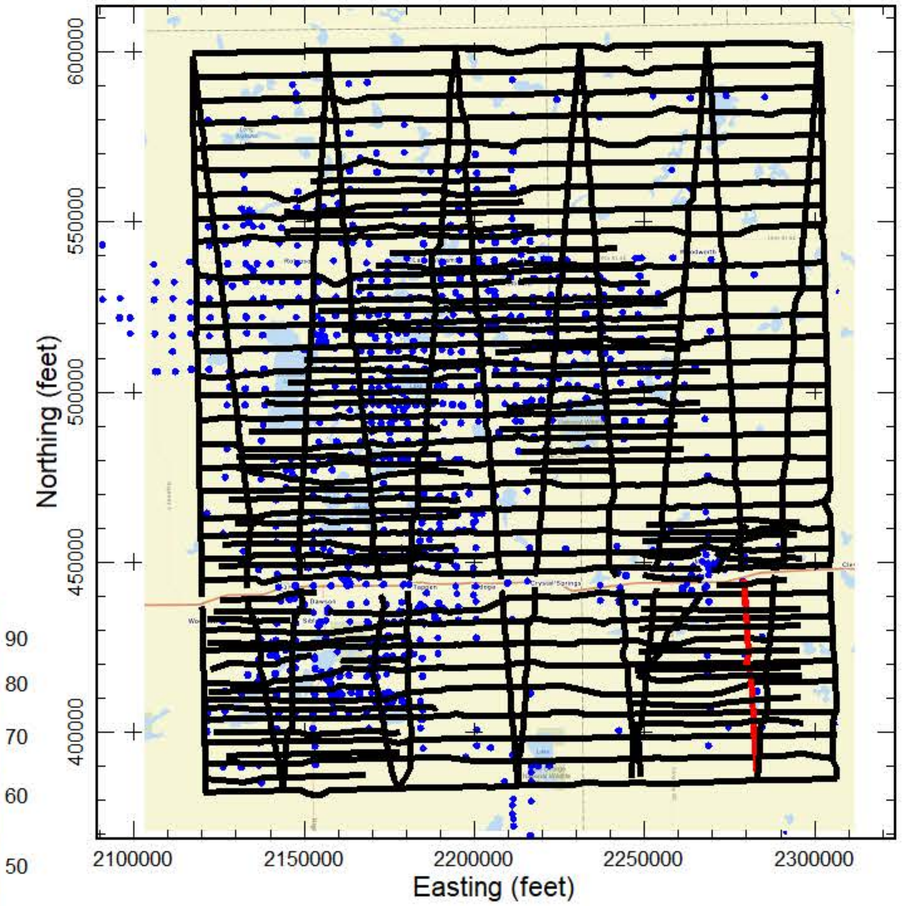
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

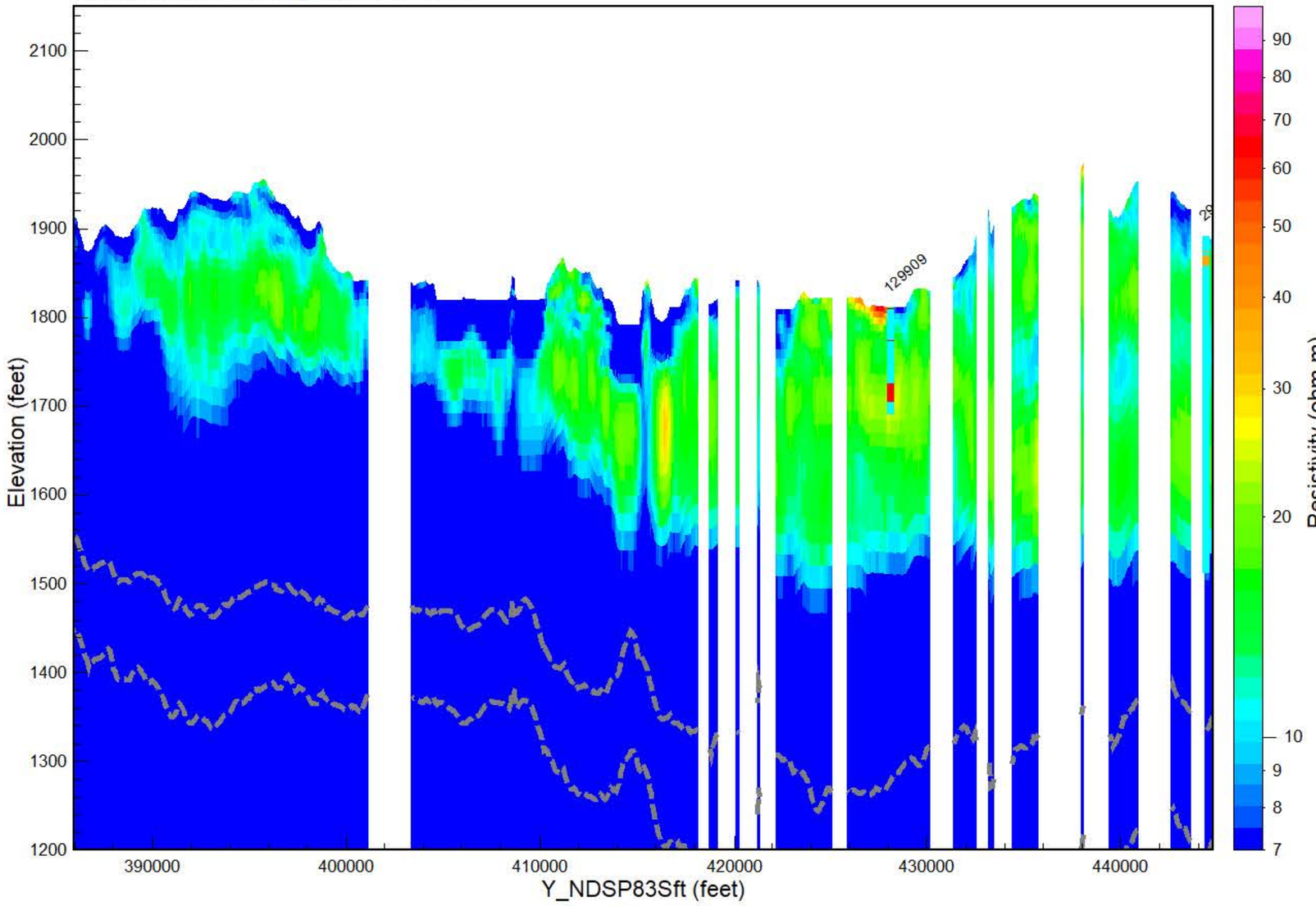
Flight Location Line L191001



AEM Survey Area 1



Final SCI Resistivity Line L191001

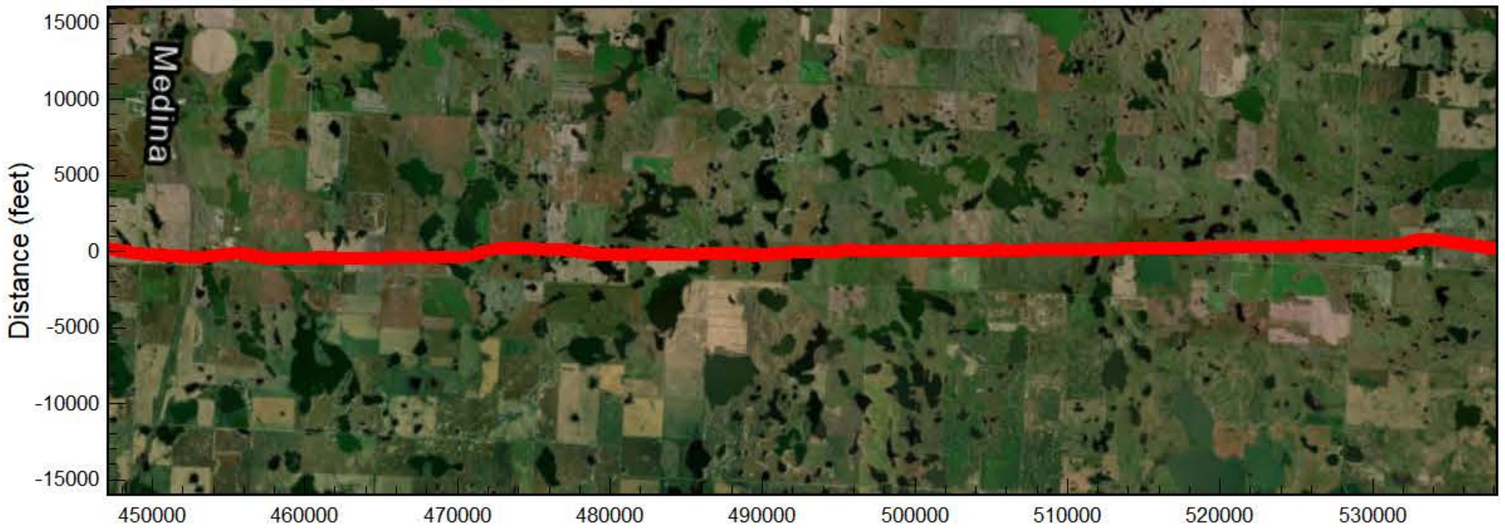


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

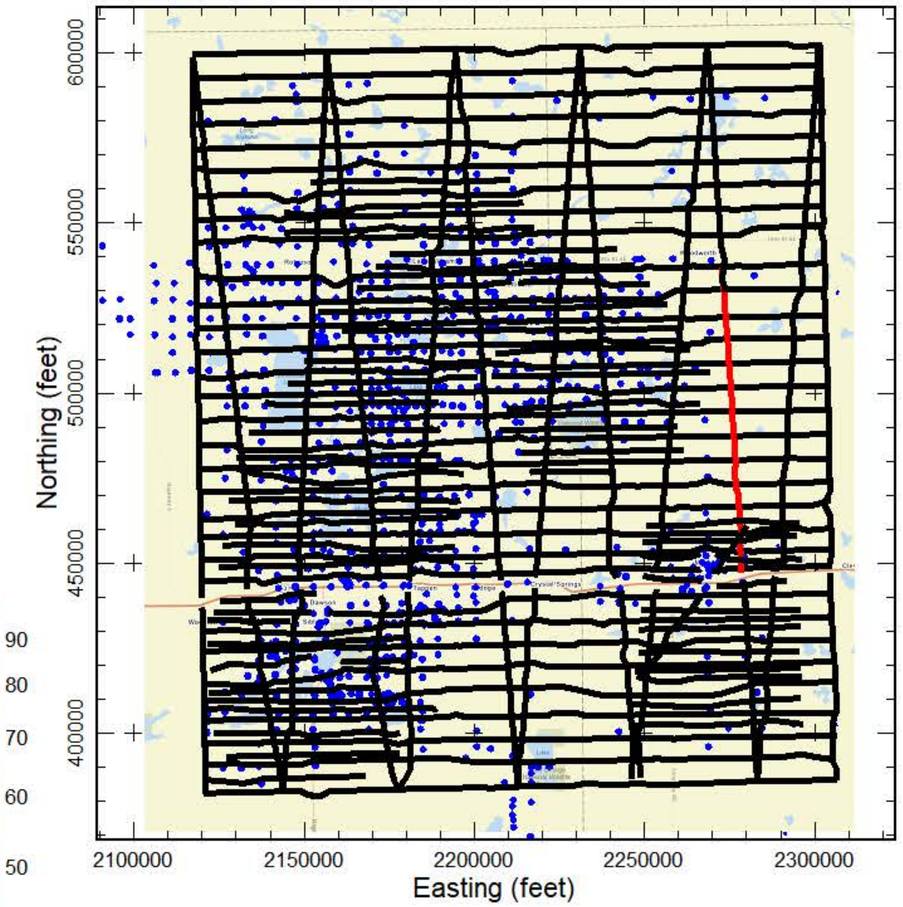
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

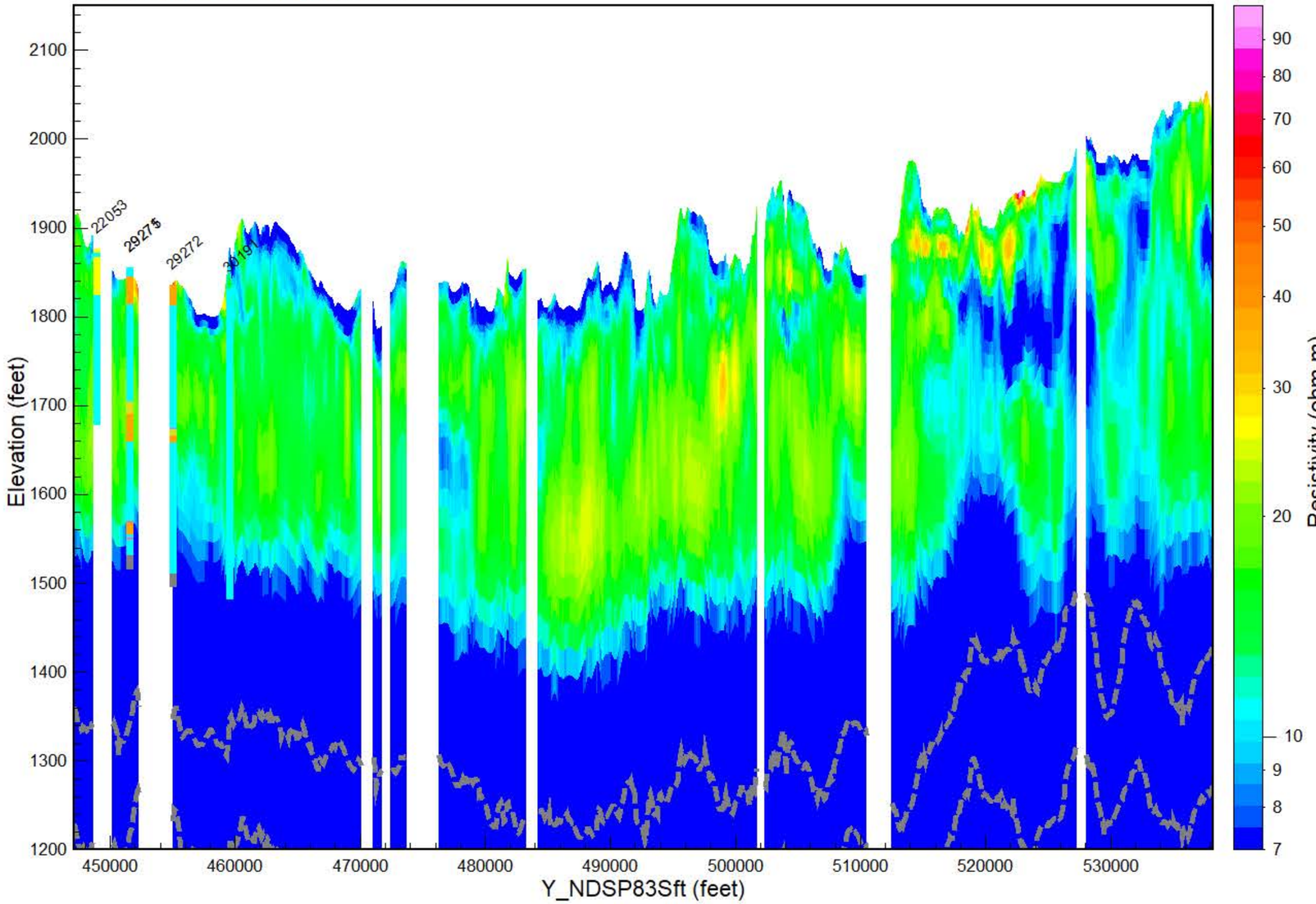
Flight Location Line L191002



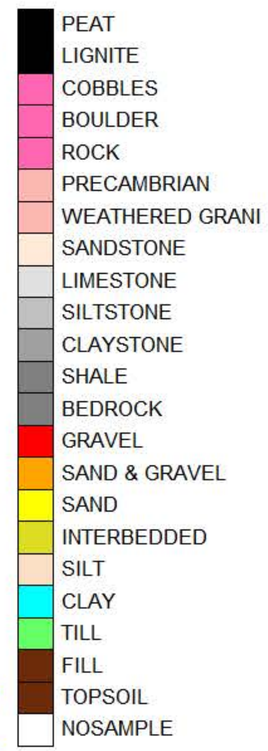
AEM Survey Area 1



Final SCI Resistivity Line L191002

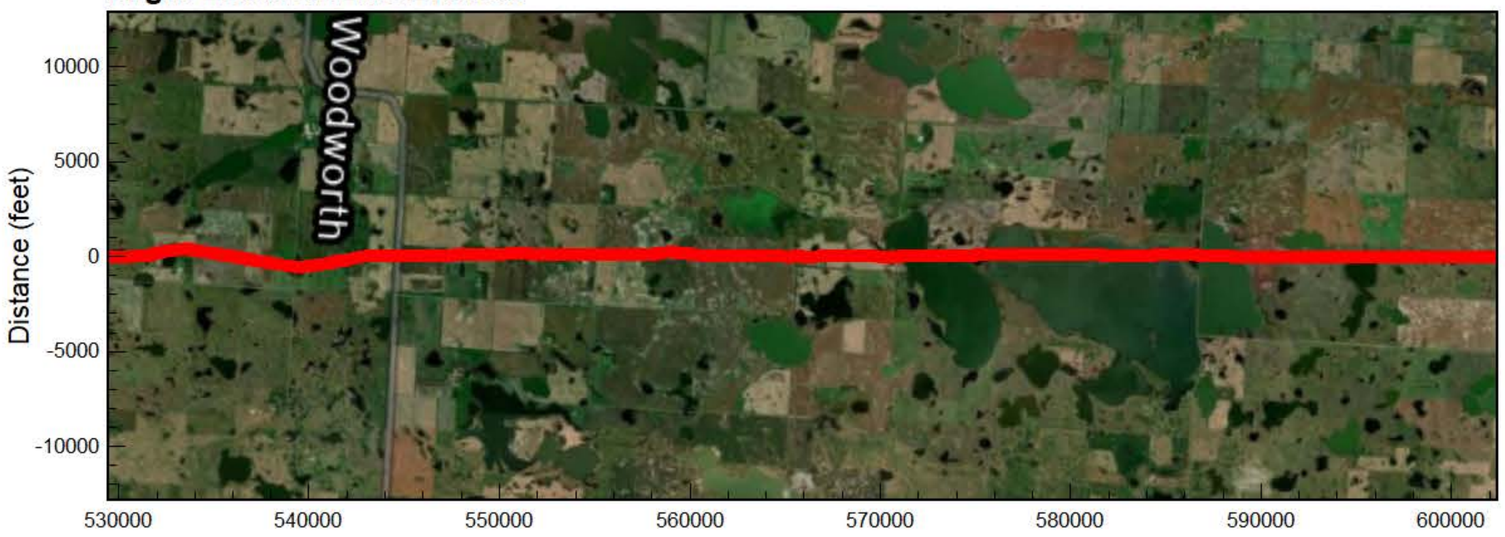


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

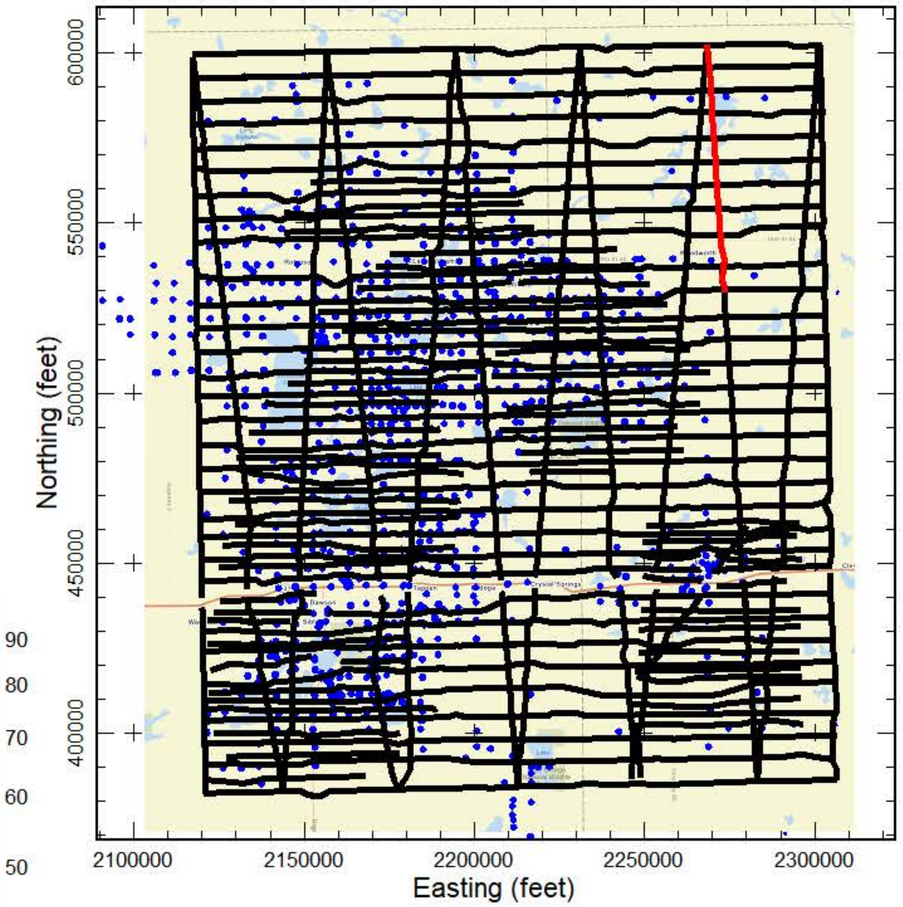


AGF
Aqua Geo Frameworks

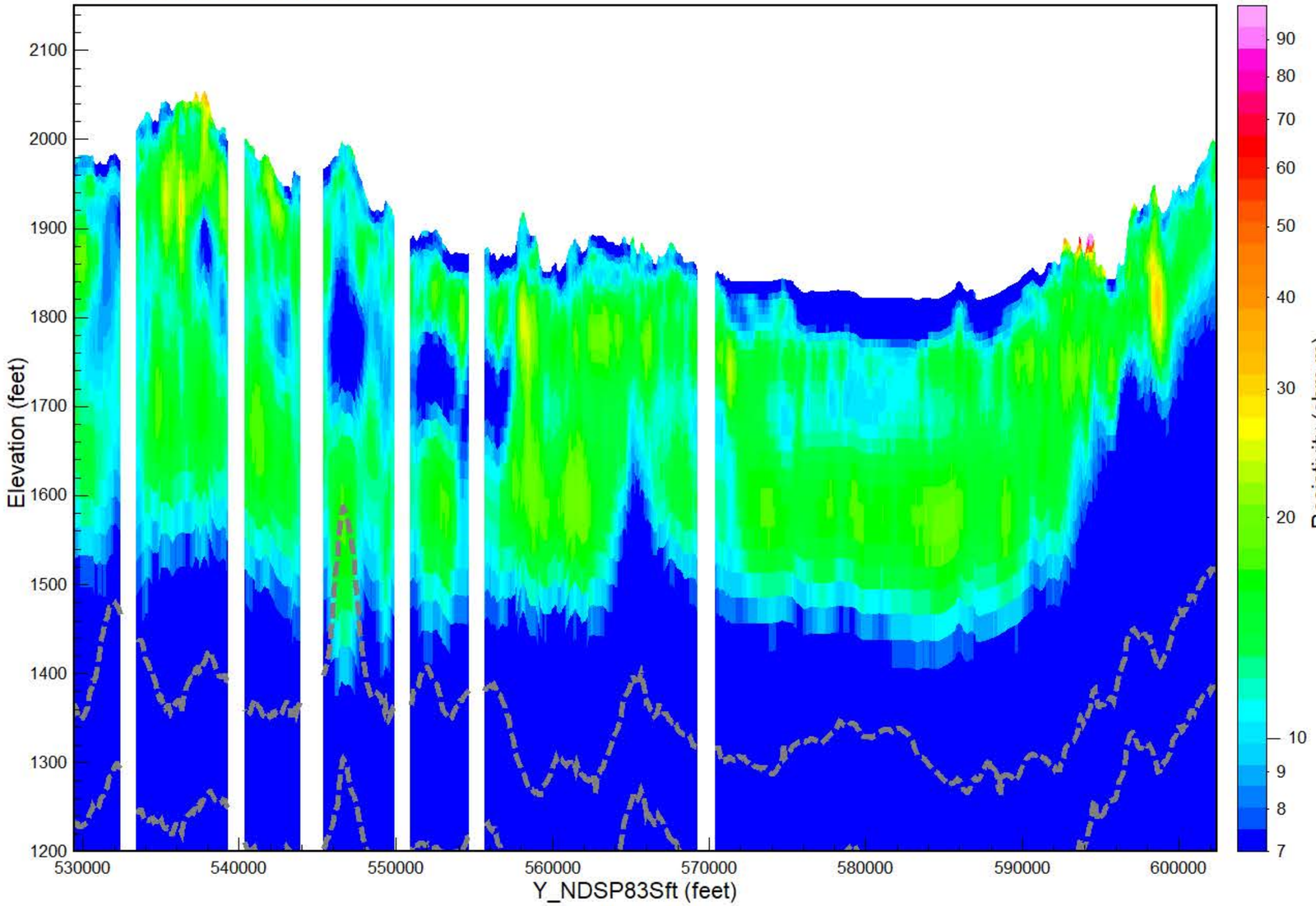
Flight Location Line L191003



AEM Survey Area 1



Final SCI Resistivity Line L191003

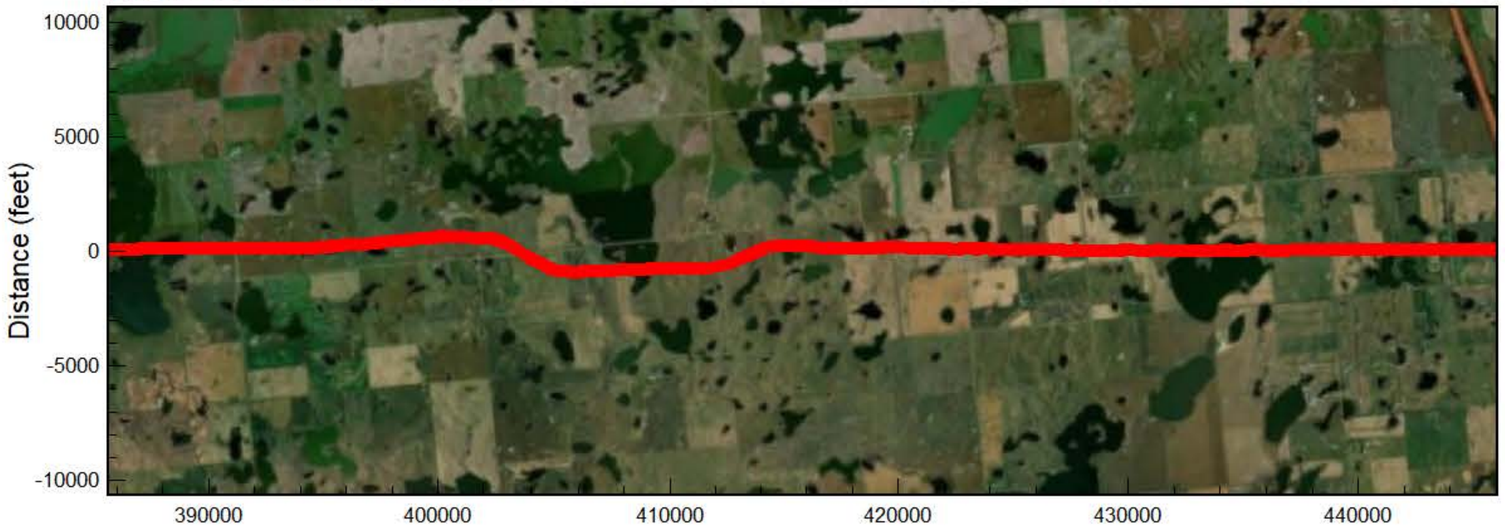


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

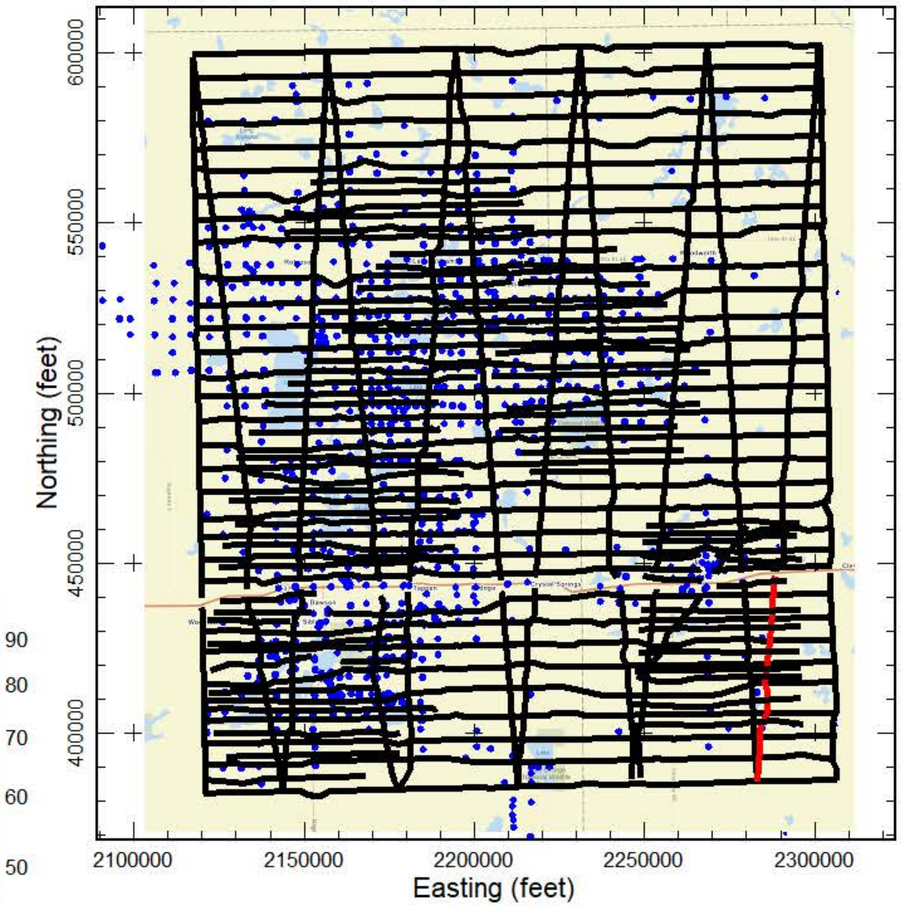
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

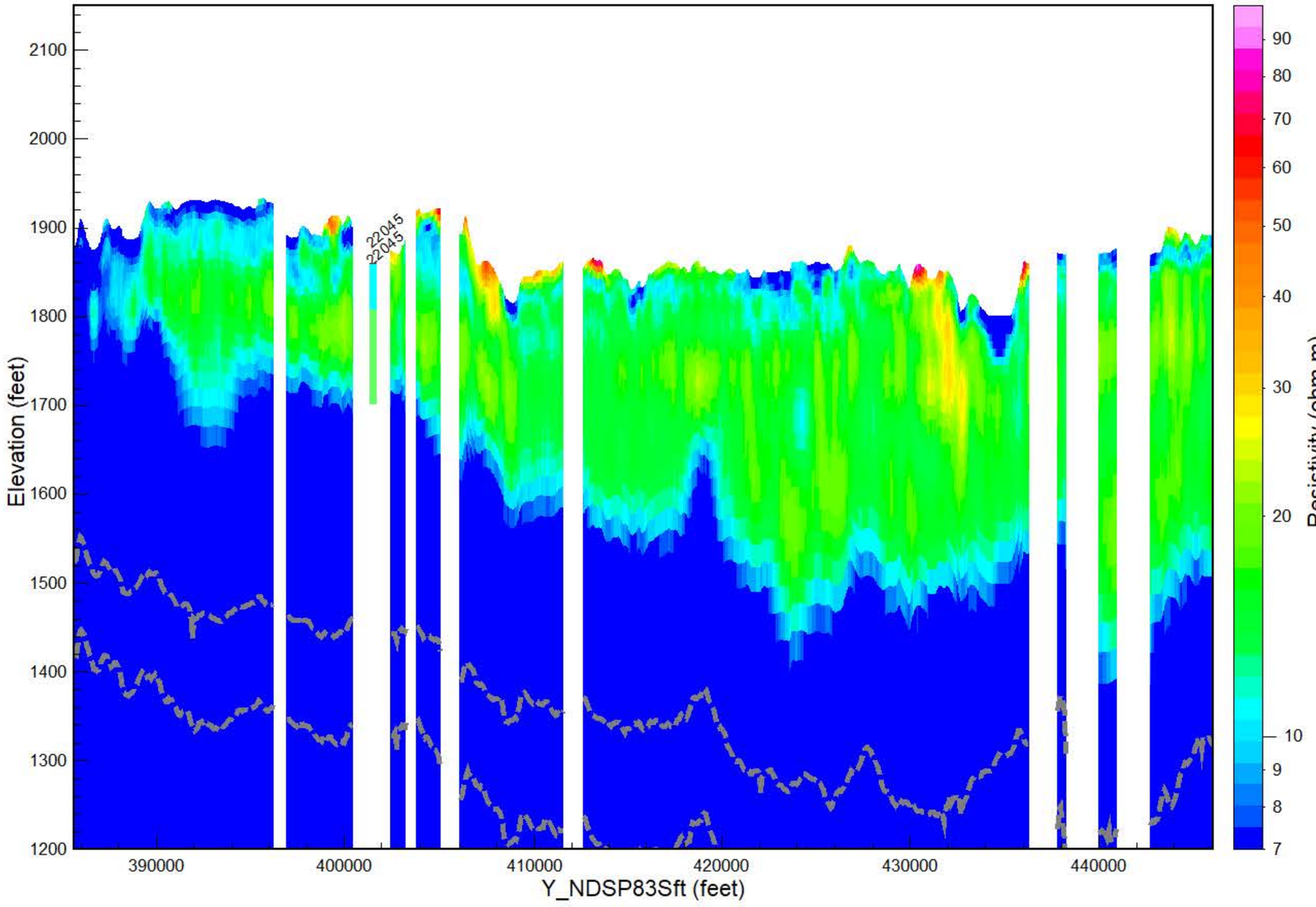
Flight Location Line L191101



AEM Survey Area 1



Final SCI Resistivity Line L191101

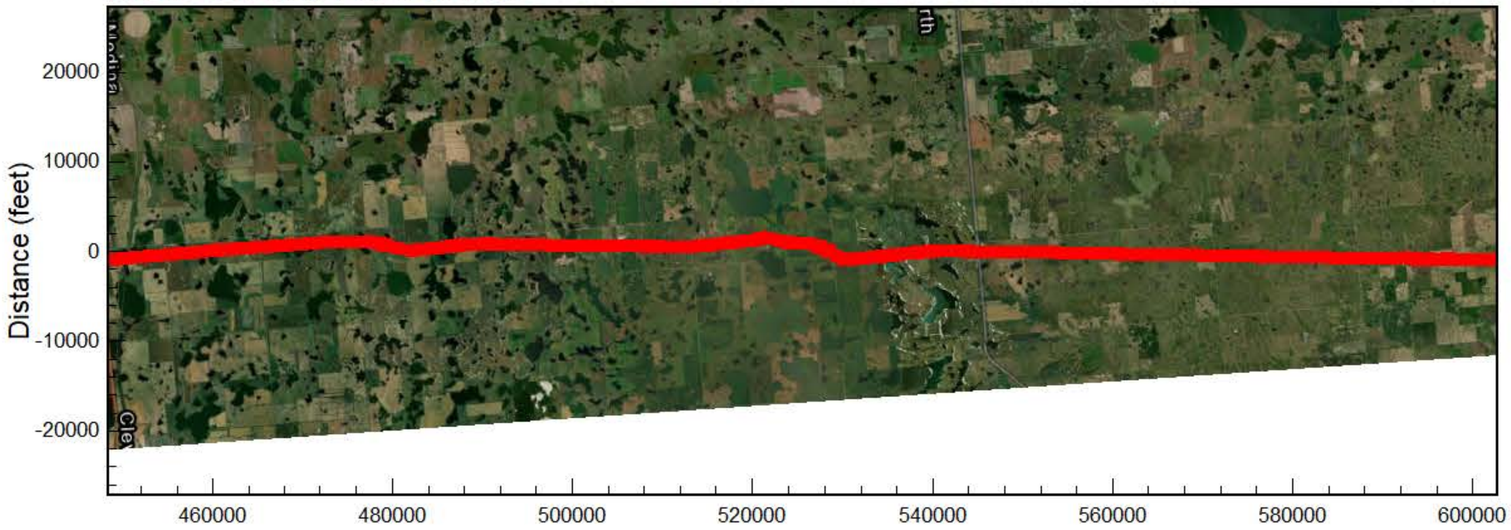


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

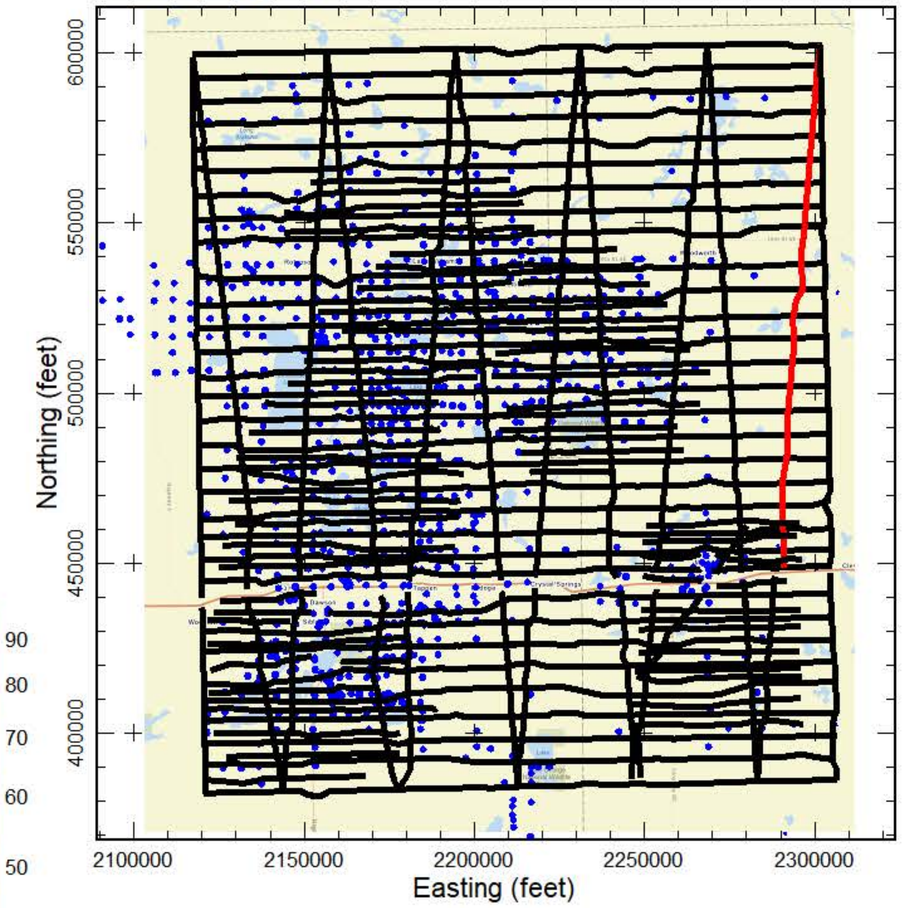
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

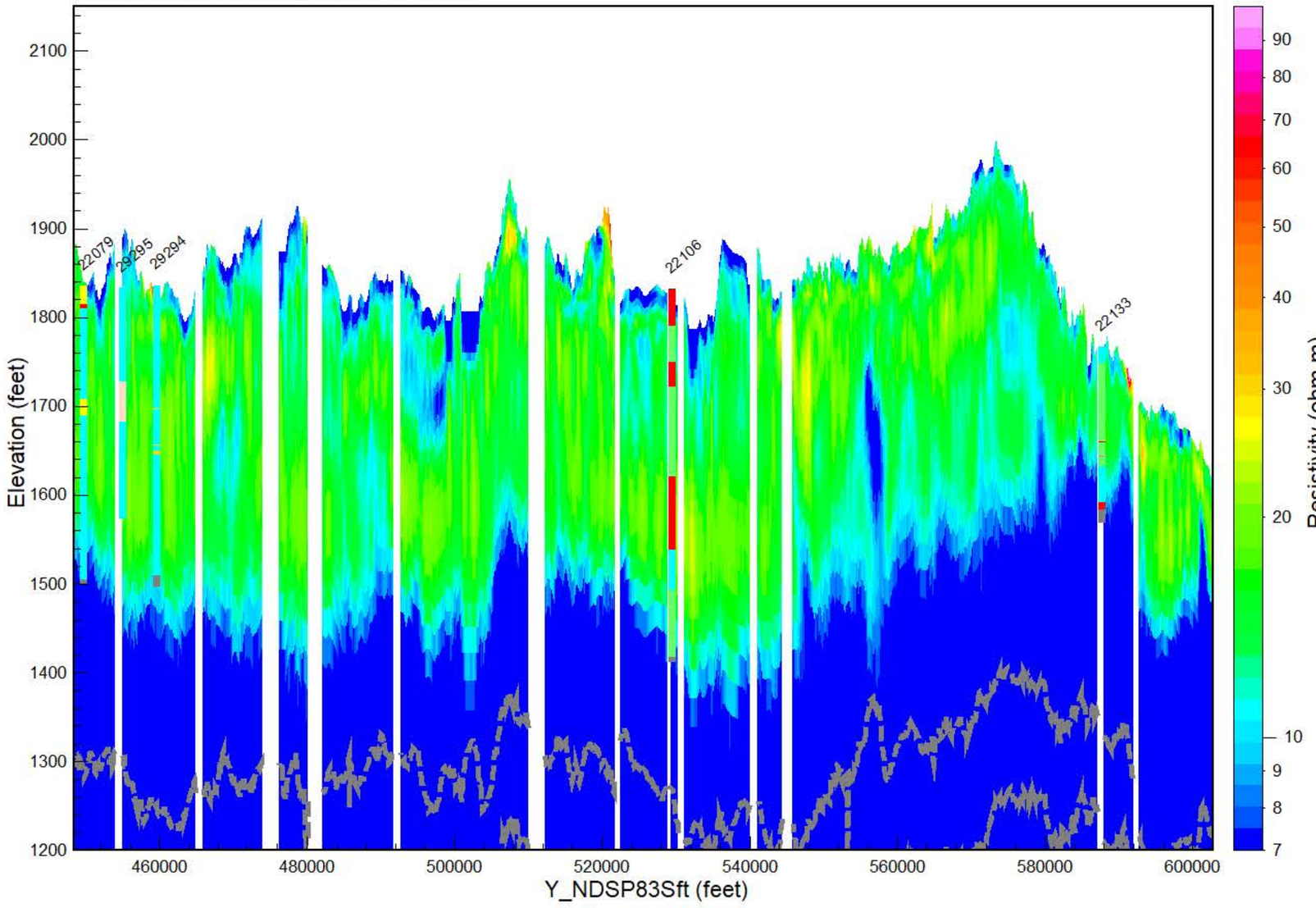
Flight Location Line L191102



AEM Survey Area 1



Final SCI Resistivity Line L191102

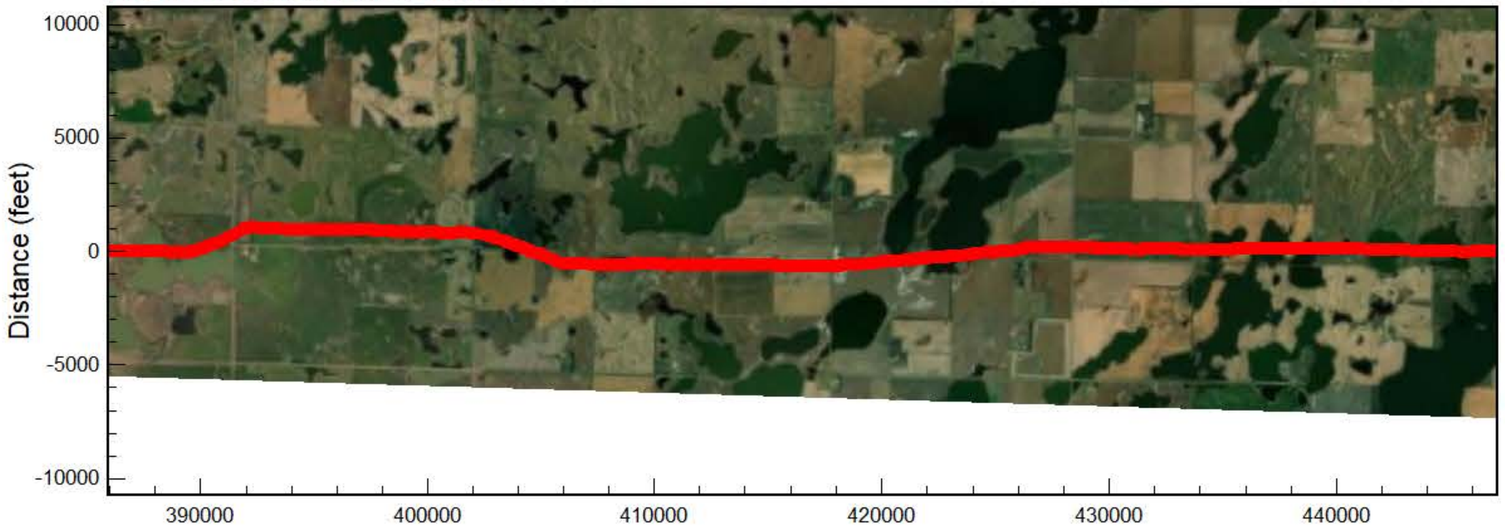


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

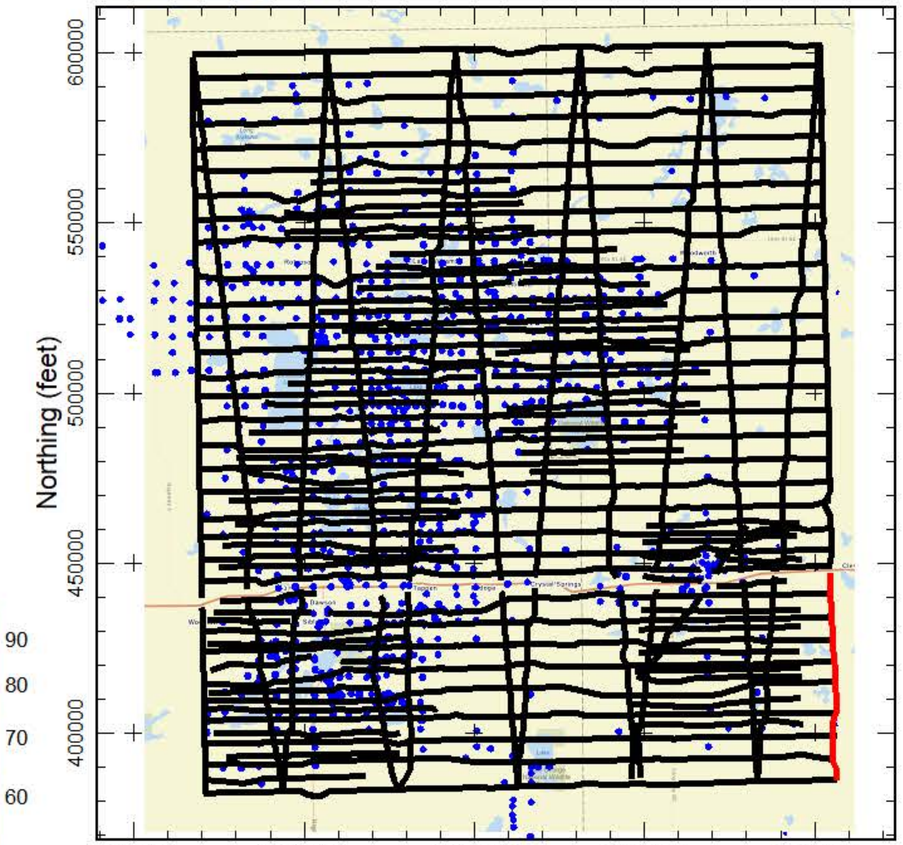
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

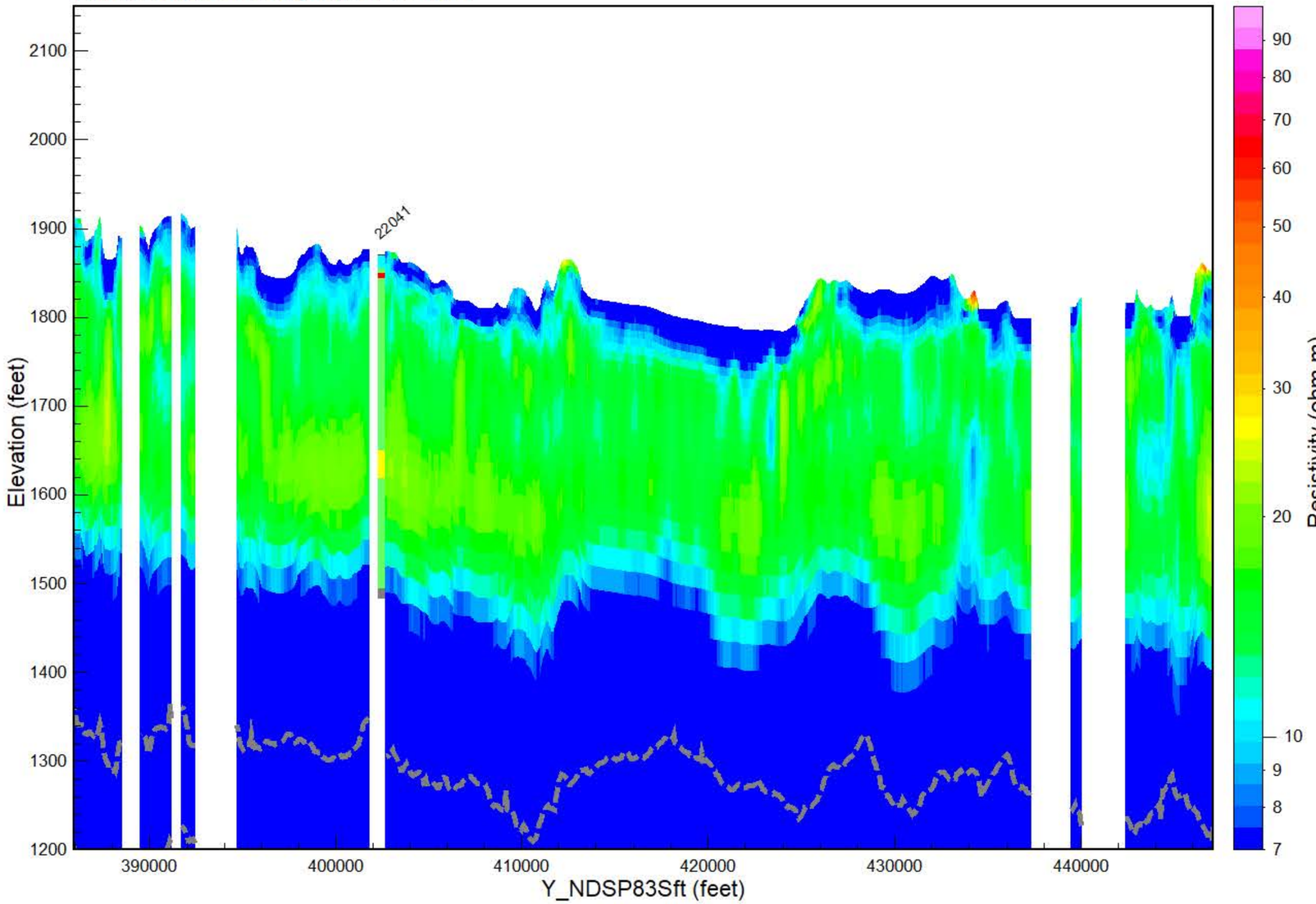
Flight Location Line L191201



AEM Survey Area 1



Final SCI Resistivity Line L191201

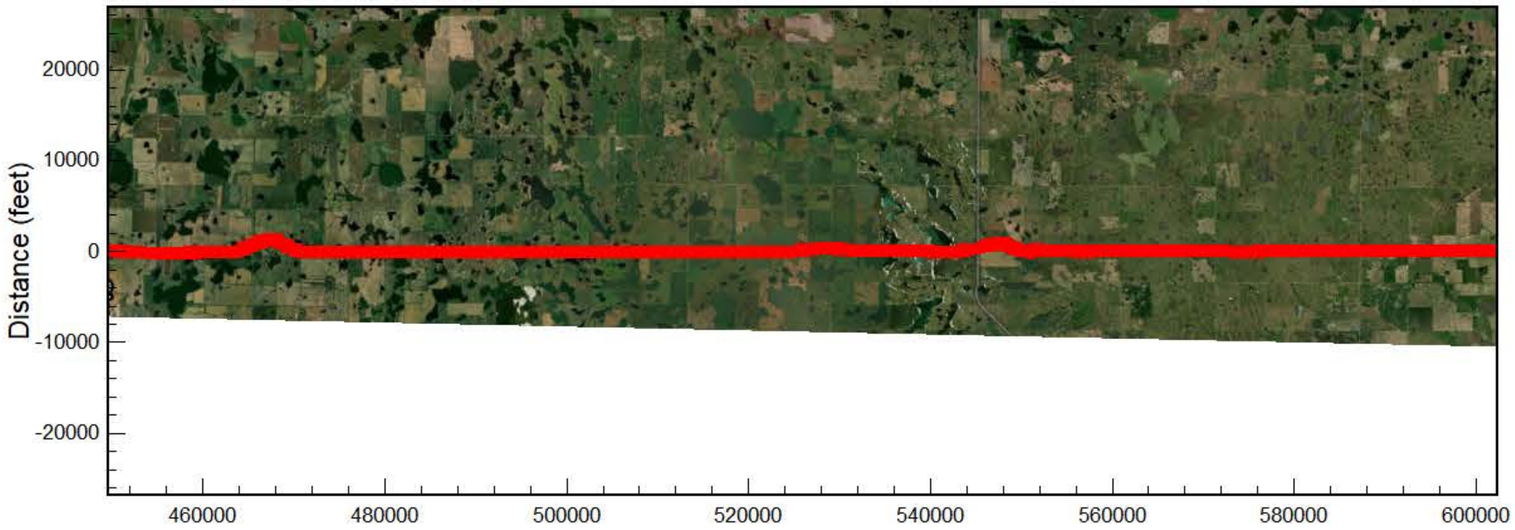


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

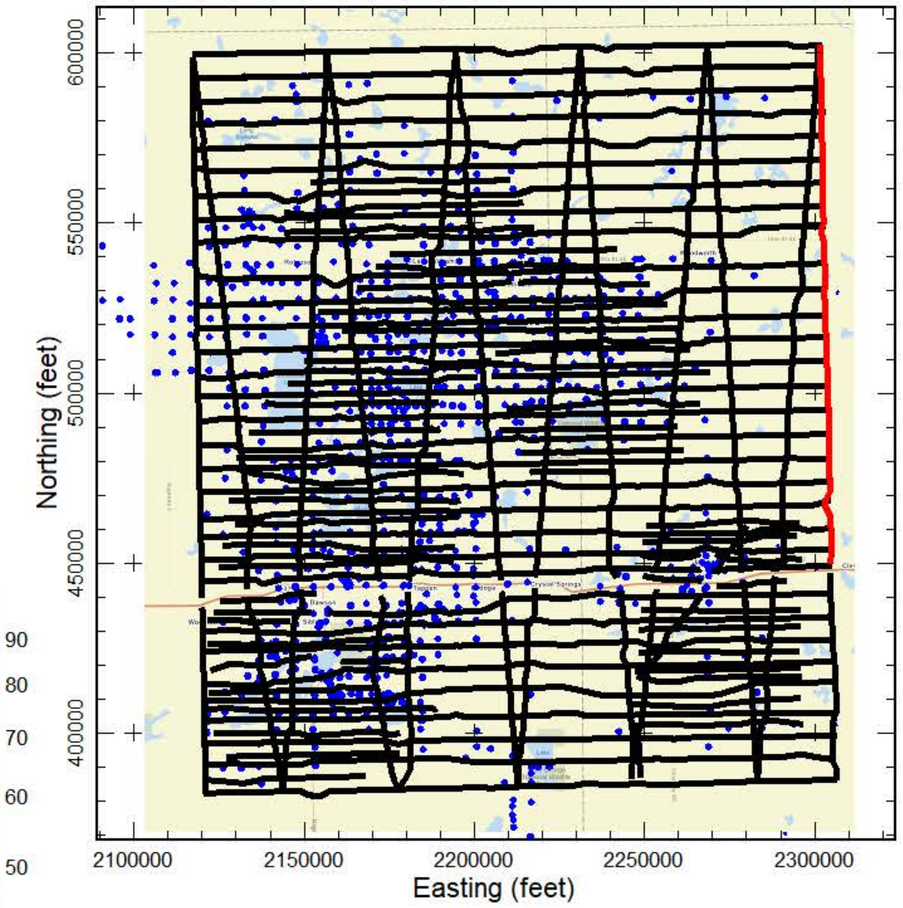
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

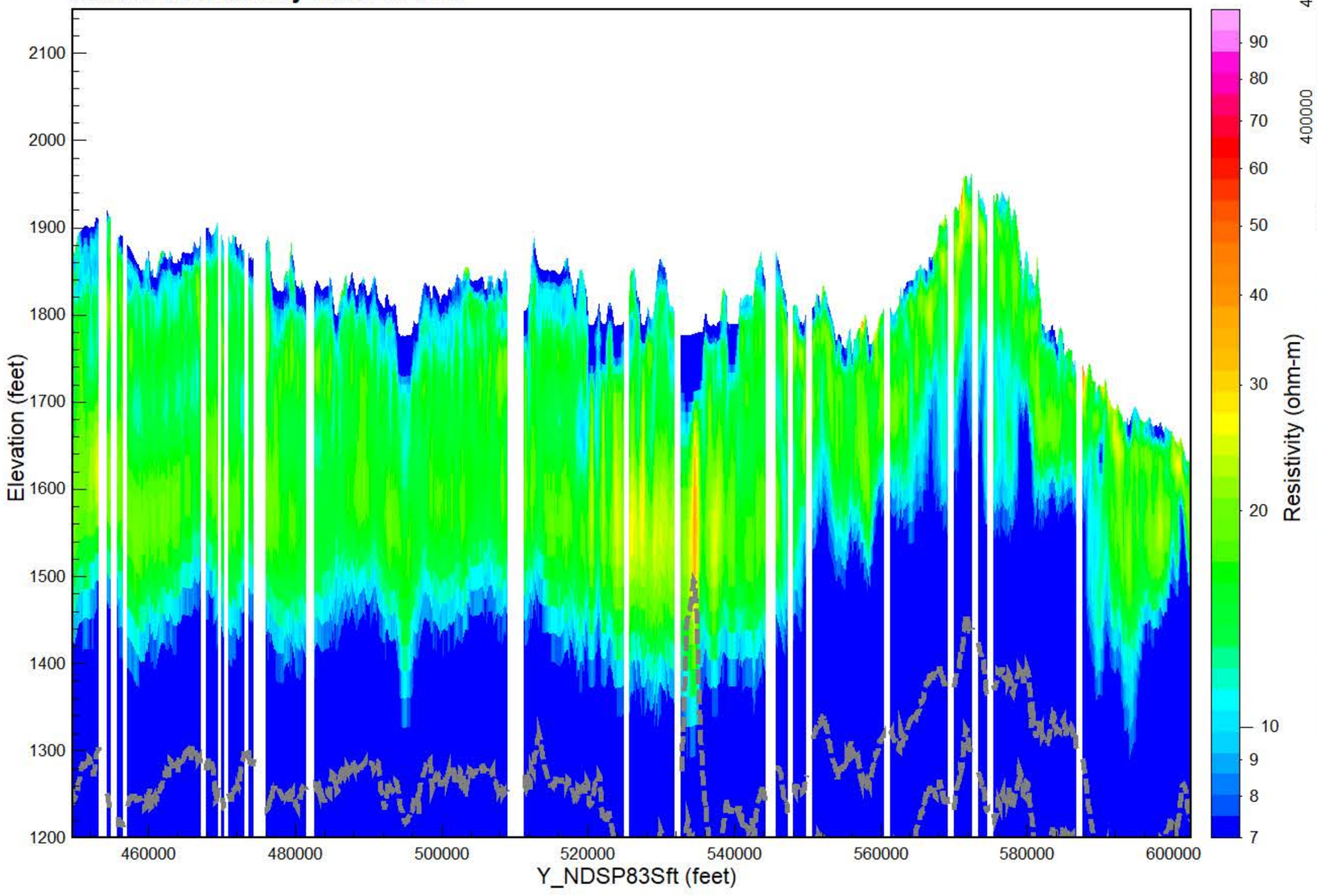
Flight Location Line L191202



AEM Survey Area 1



Final SCI Resistivity Line L191202



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

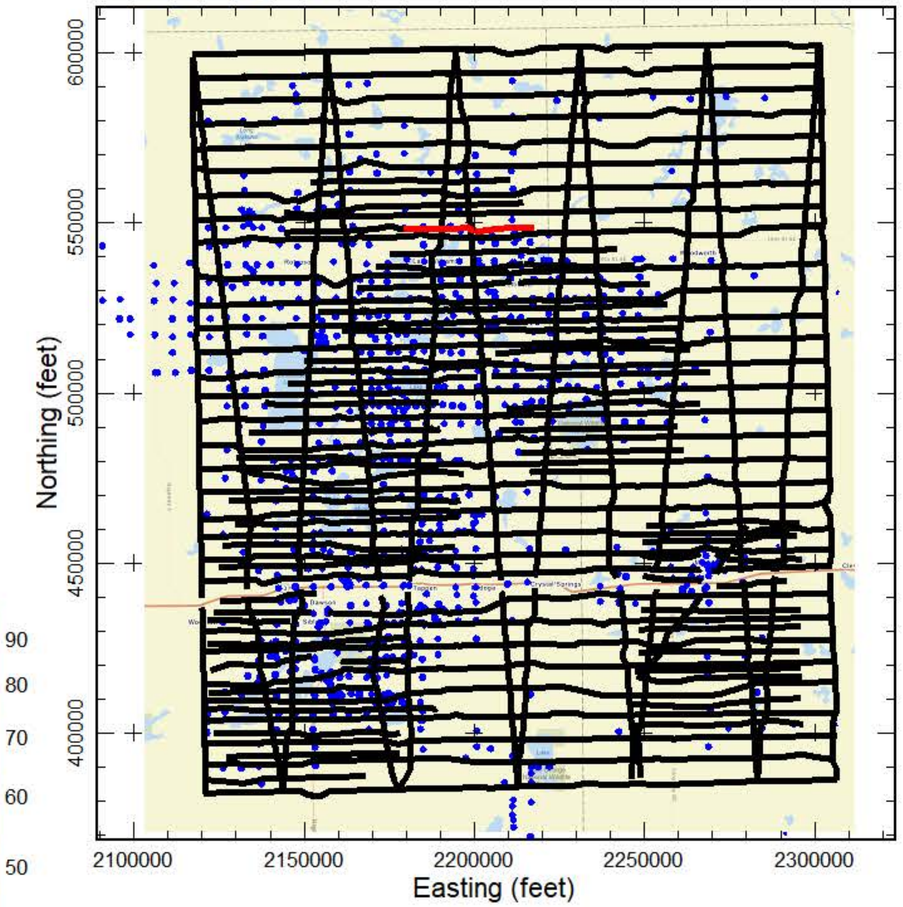
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

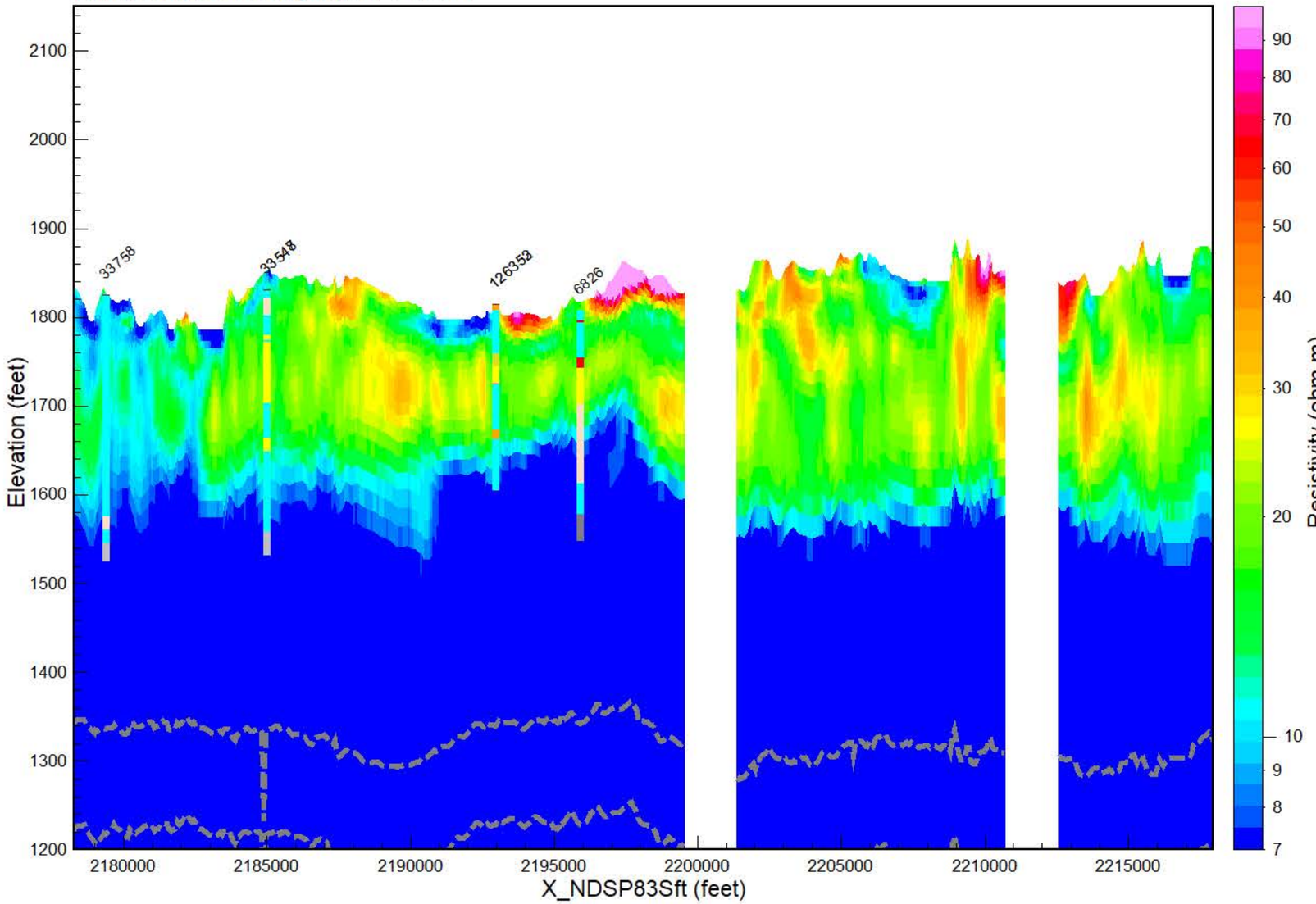
Flight Location Line L500101



AEM Survey Area 1



Final SCI Resistivity Line L500101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

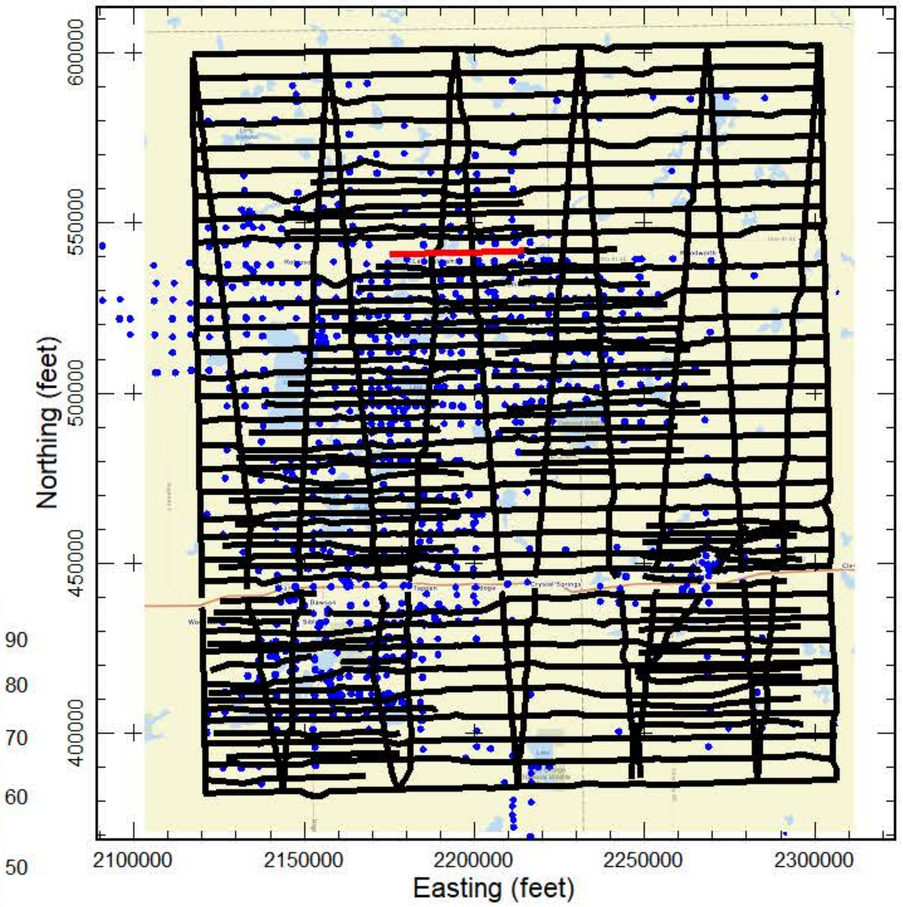
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

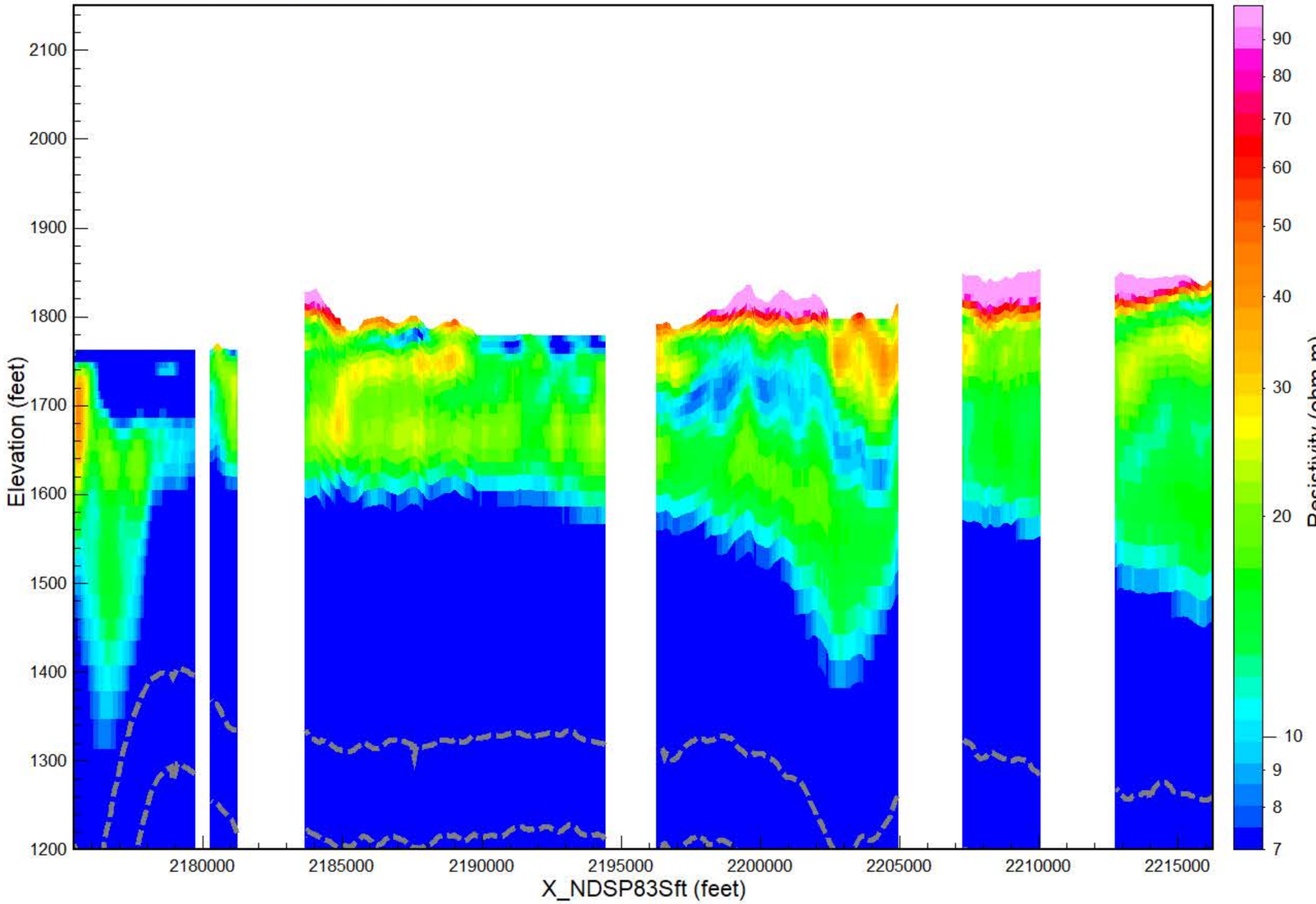
Flight Location Line L500201



AEM Survey Area 1



Final SCI Resistivity Line L500201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

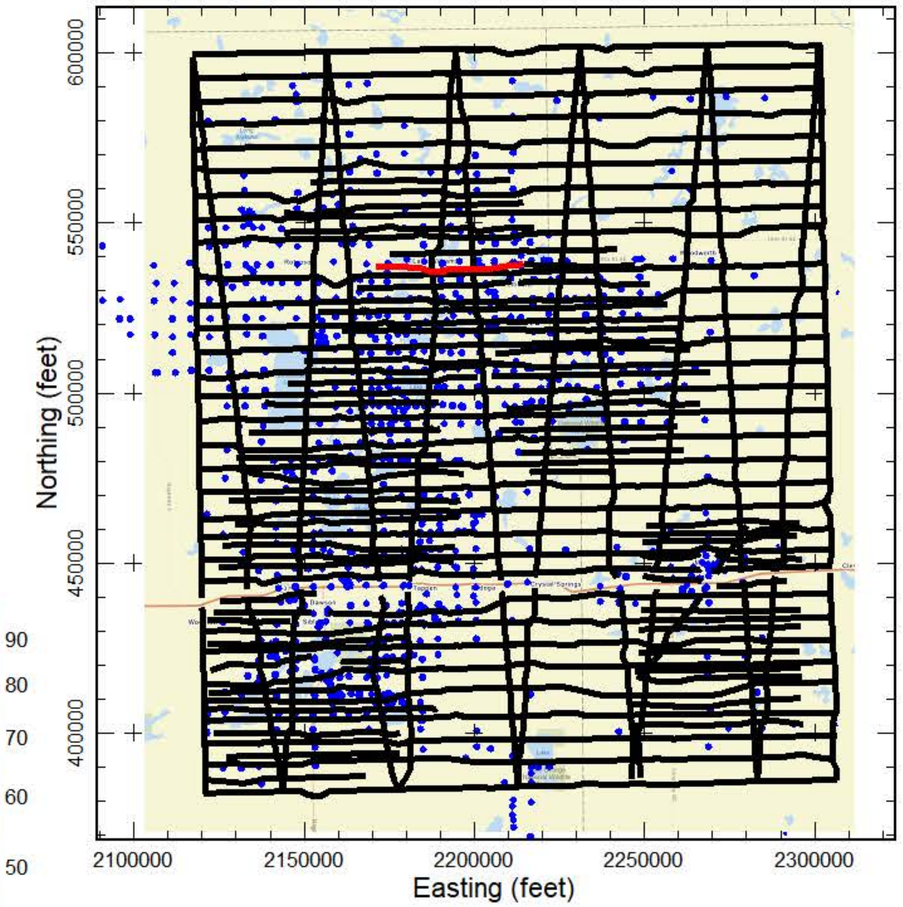
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

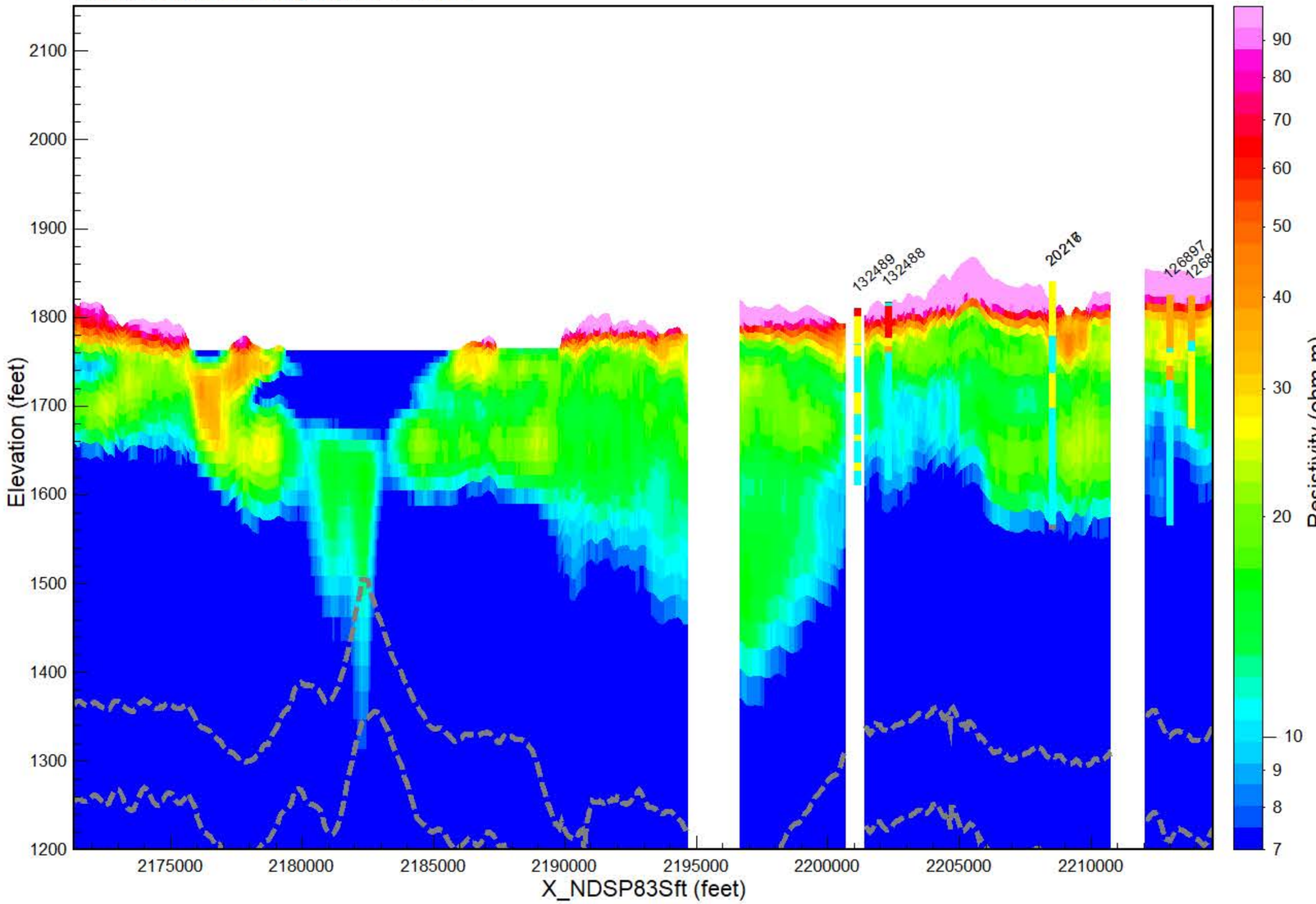
Flight Location Line L500301



AEM Survey Area 1



Final SCI Resistivity Line L500301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

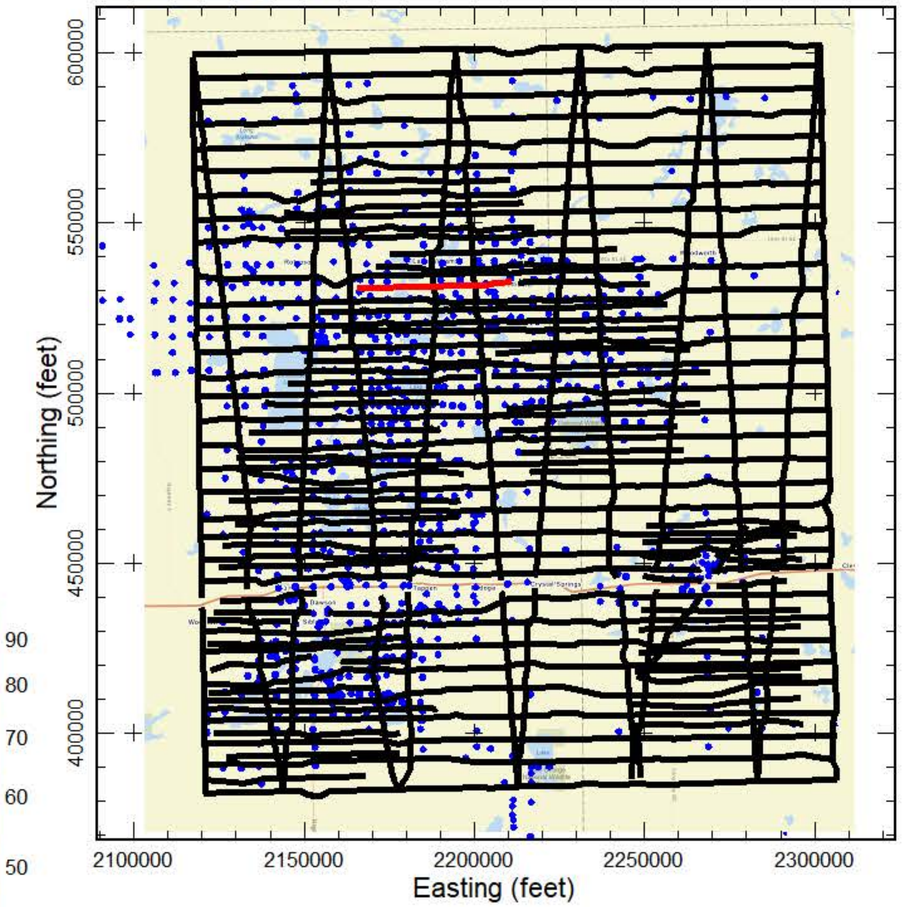
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

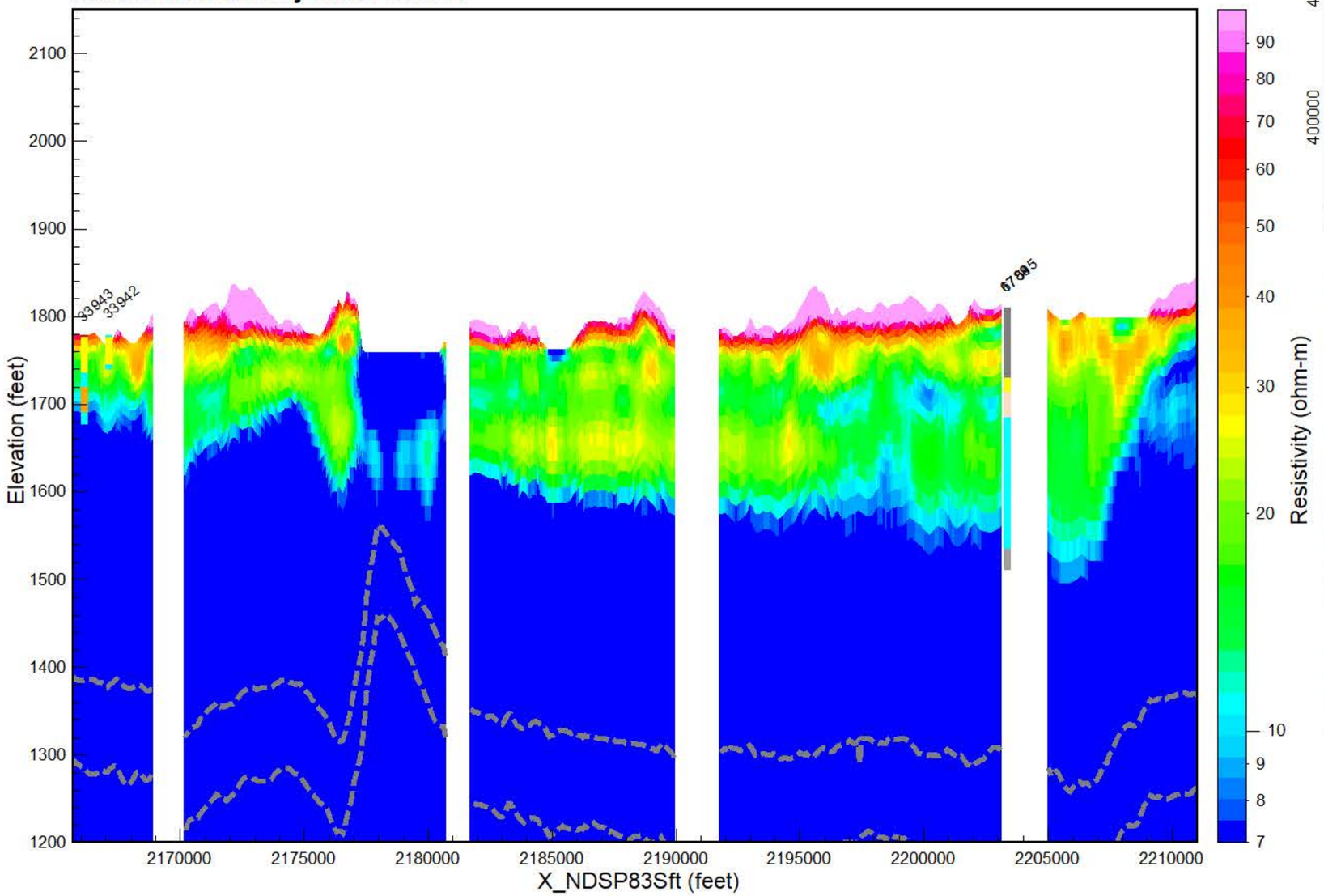
Flight Location Line L500401



AEM Survey Area 1



Final SCI Resistivity Line L500401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

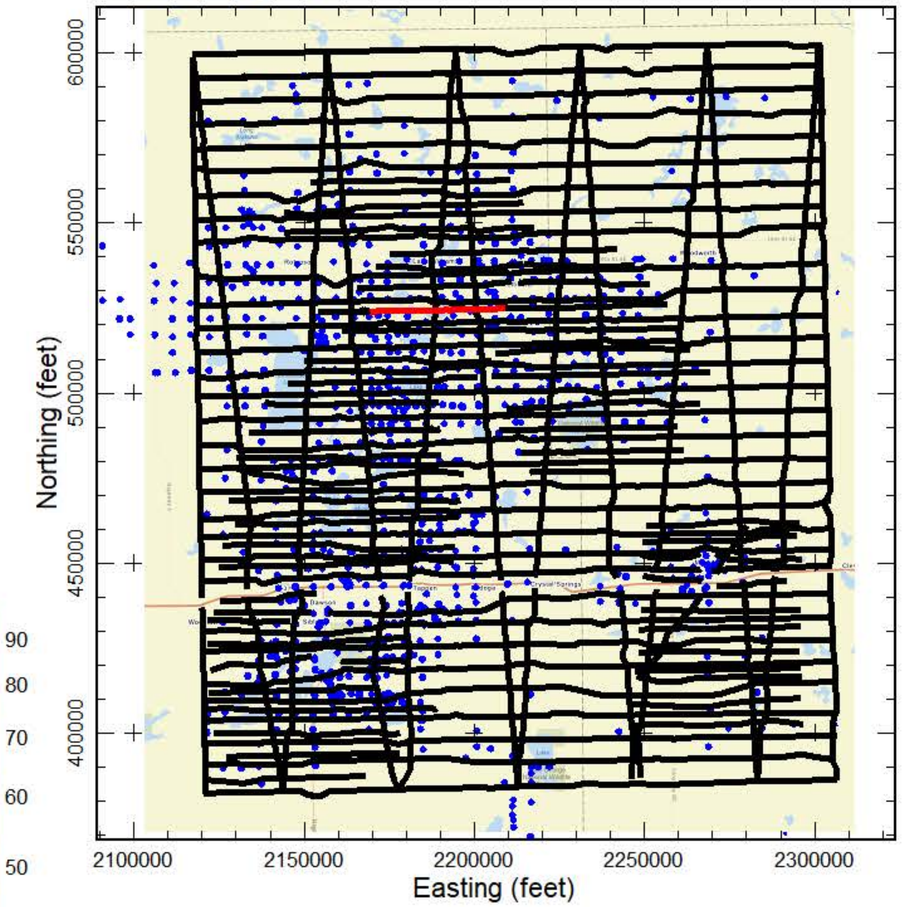
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

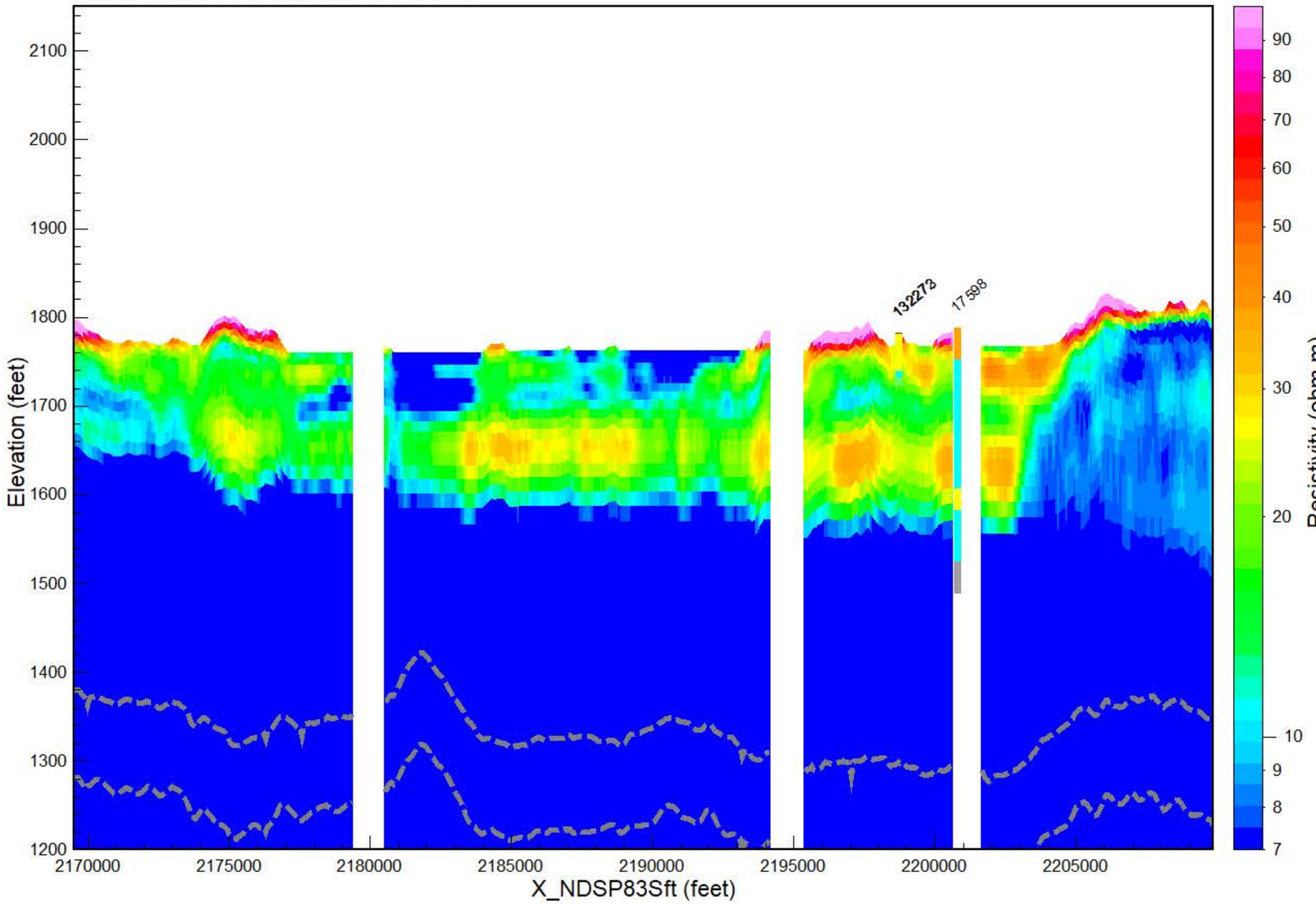
Flight Location Line L500501



AEM Survey Area 1



Final SCI Resistivity Line L500501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

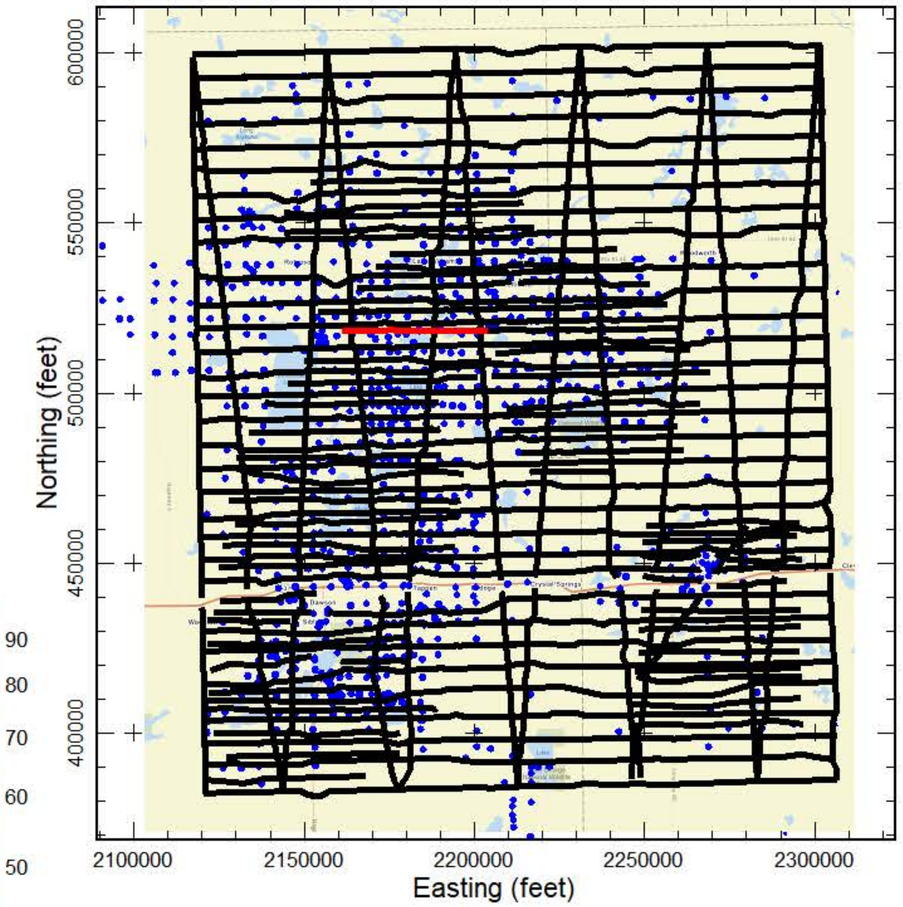
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

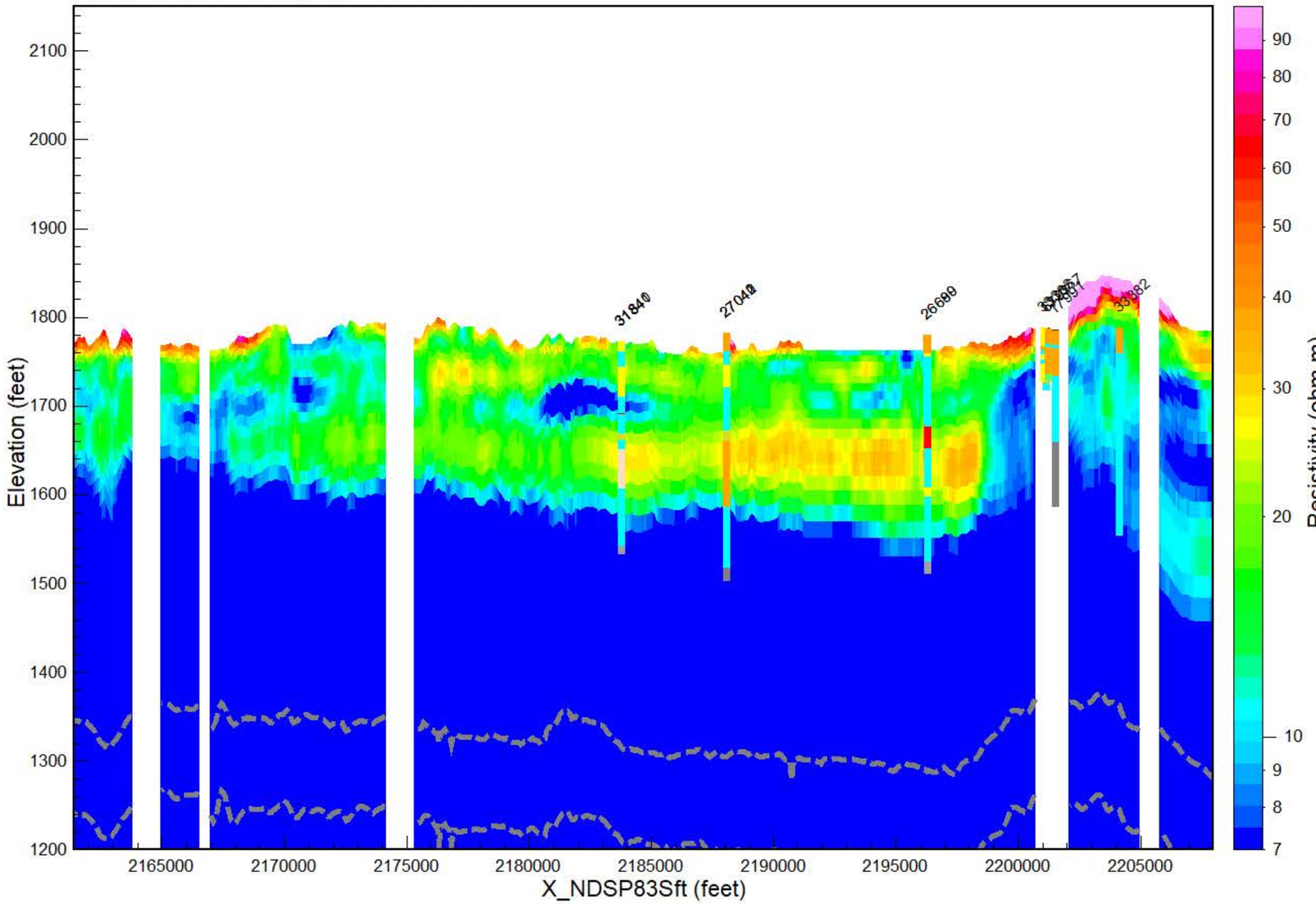
Flight Location Line L500601



AEM Survey Area 1



Final SCI Resistivity Line L500601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

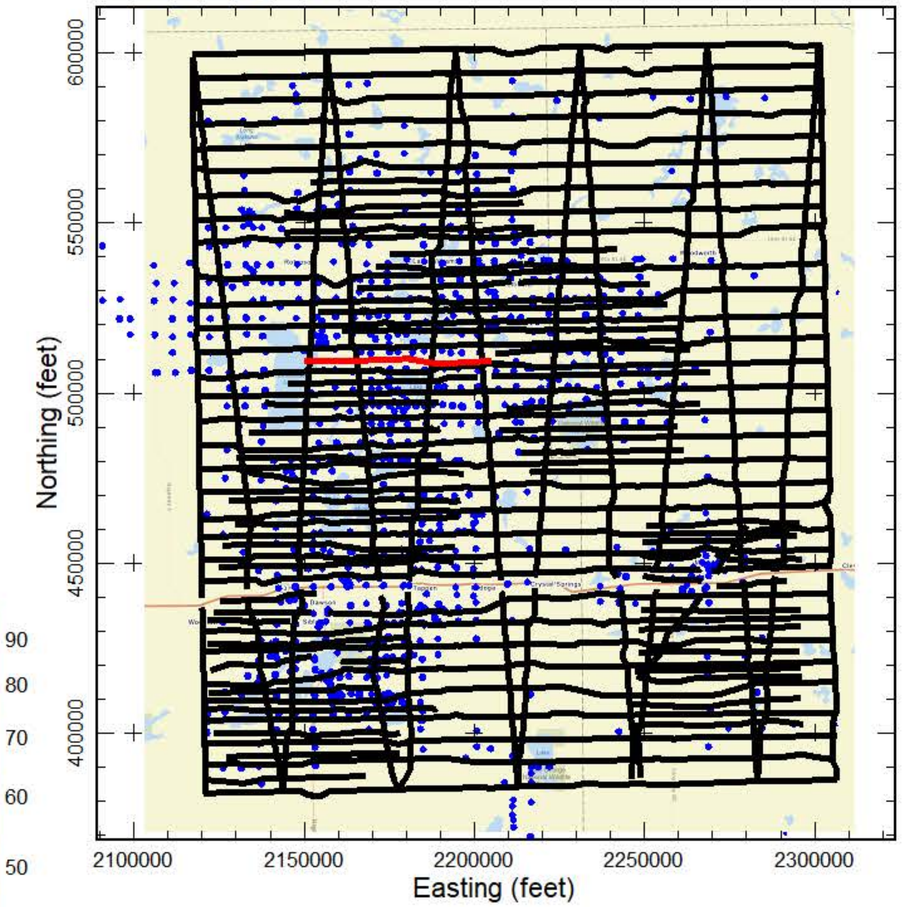
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

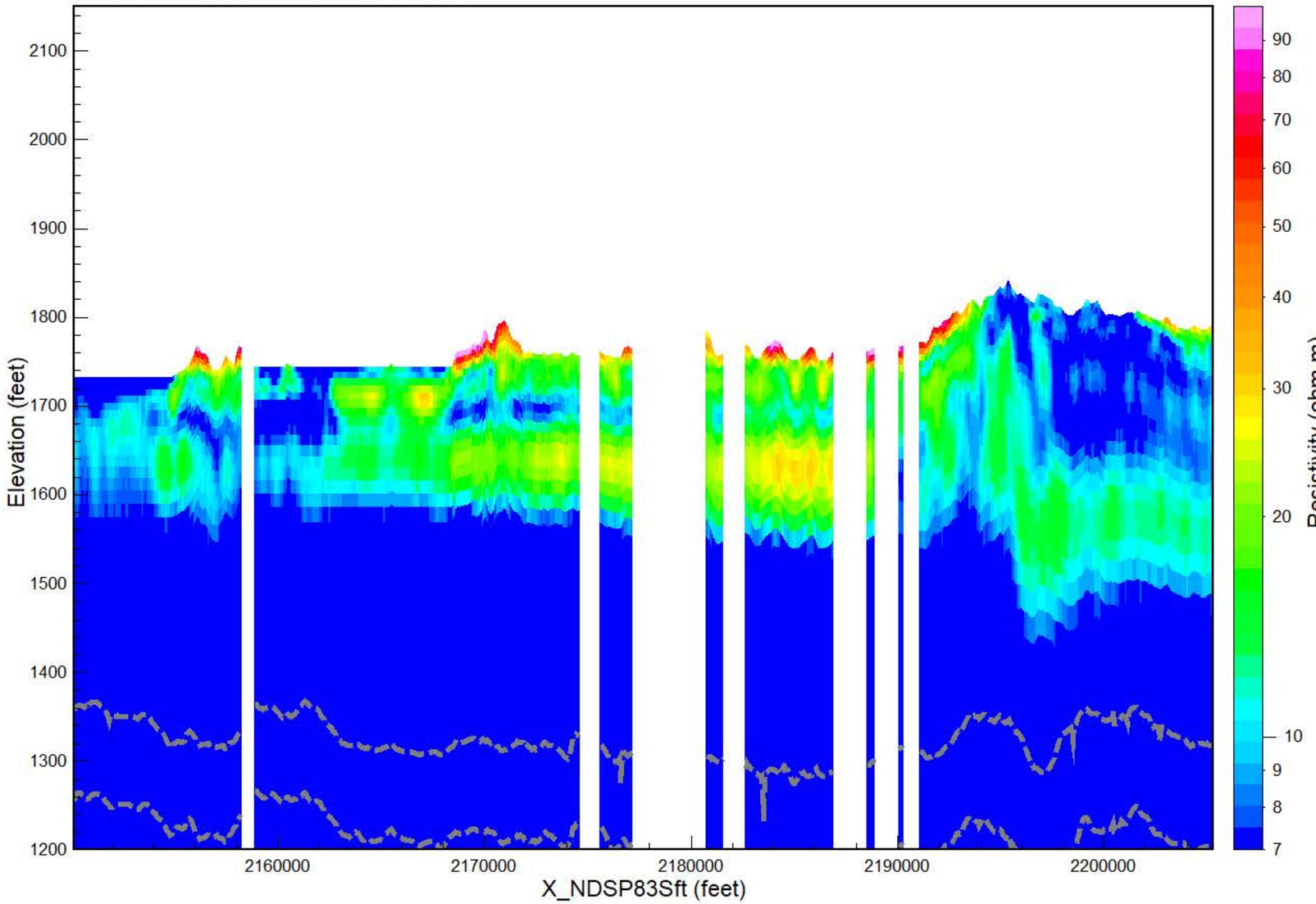
Flight Location Line L500701



AEM Survey Area 1



Final SCI Resistivity Line L500701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

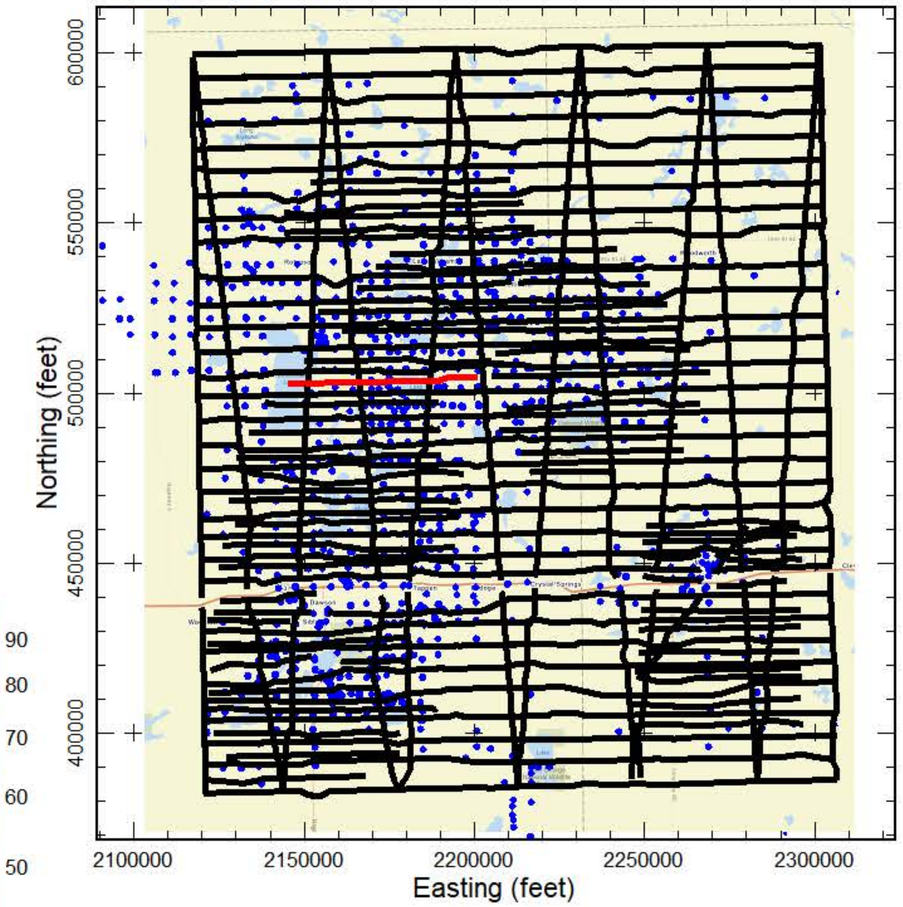
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

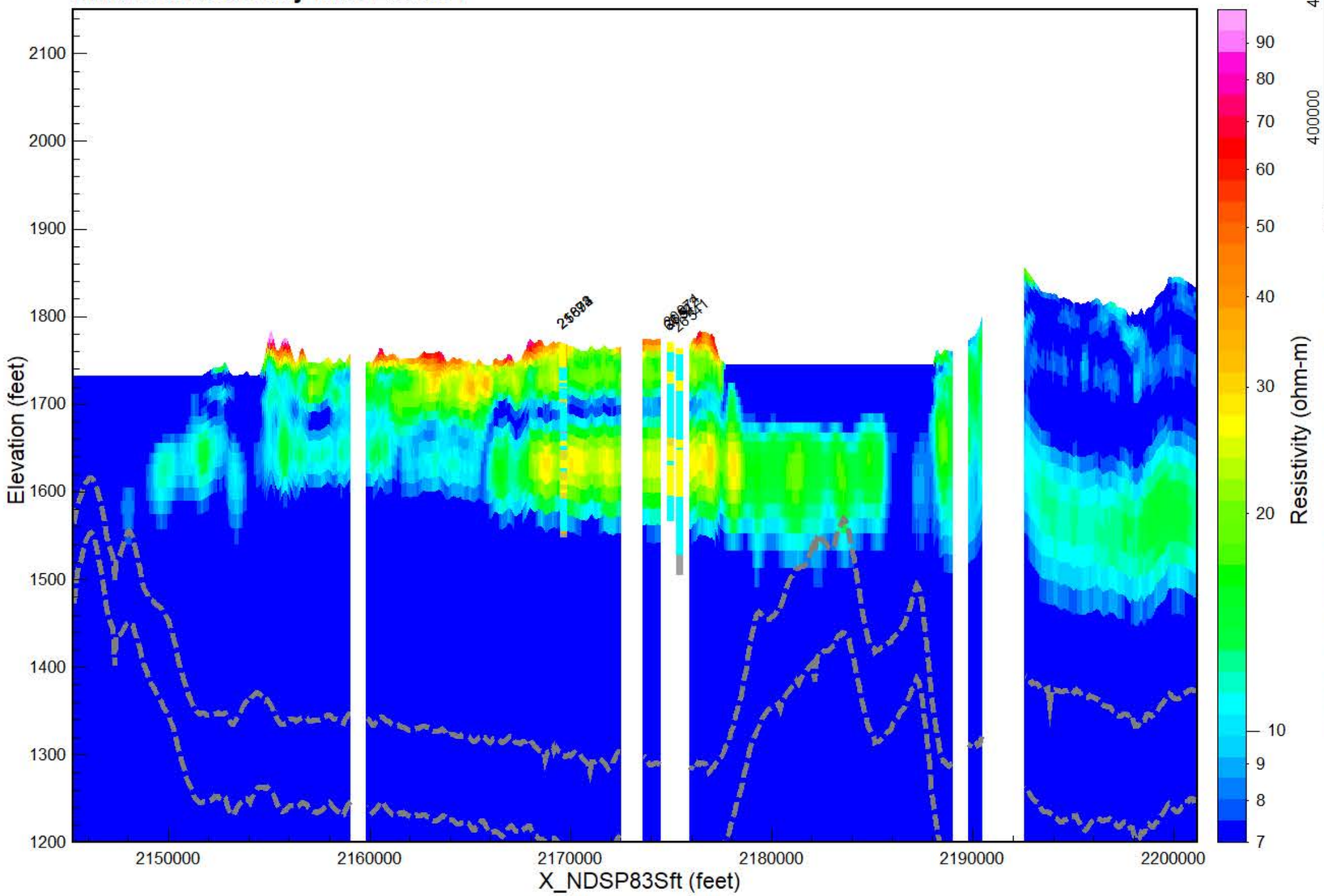
Flight Location Line L500801



AEM Survey Area 1



Final SCI Resistivity Line L500801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

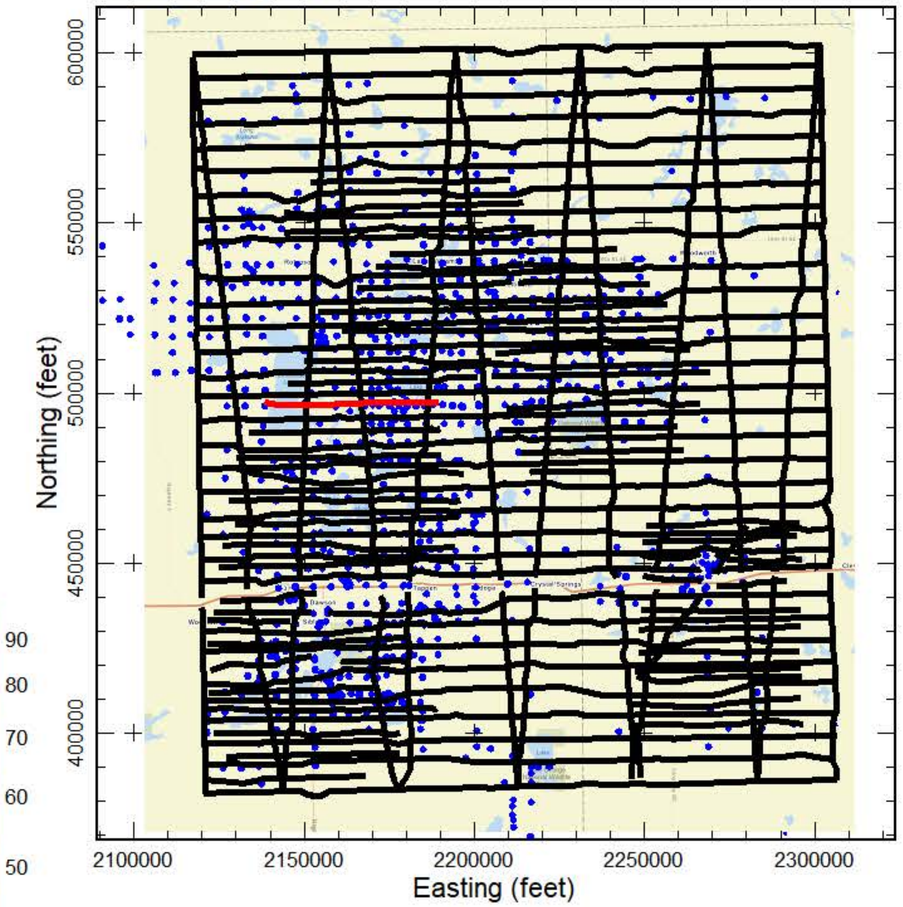
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

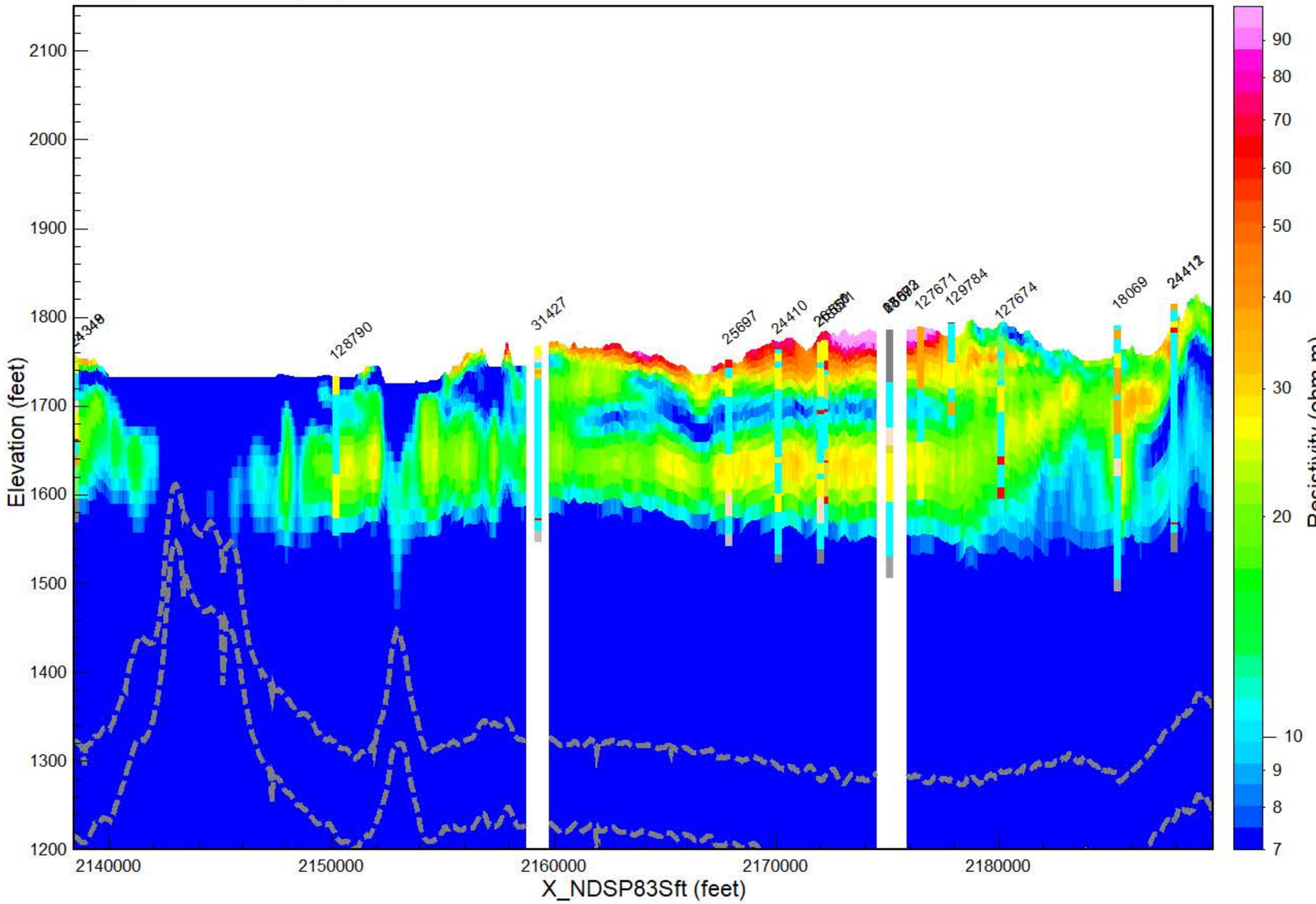
Flight Location Line L500901



AEM Survey Area 1



Final SCI Resistivity Line L500901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

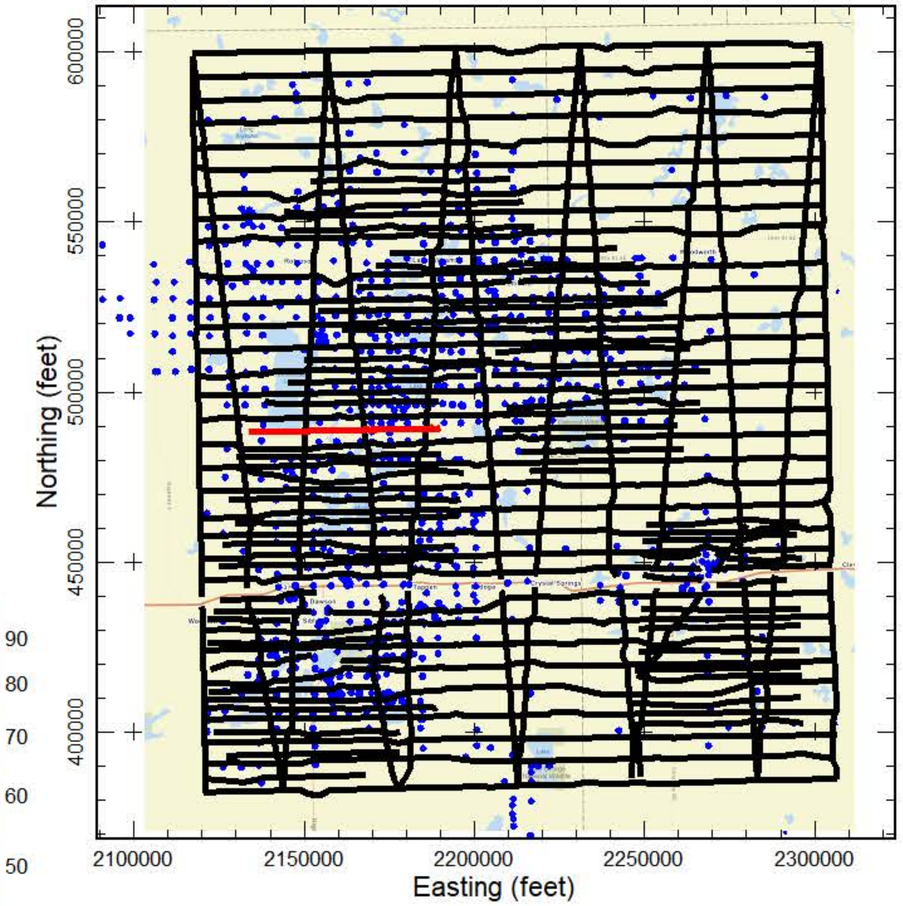
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

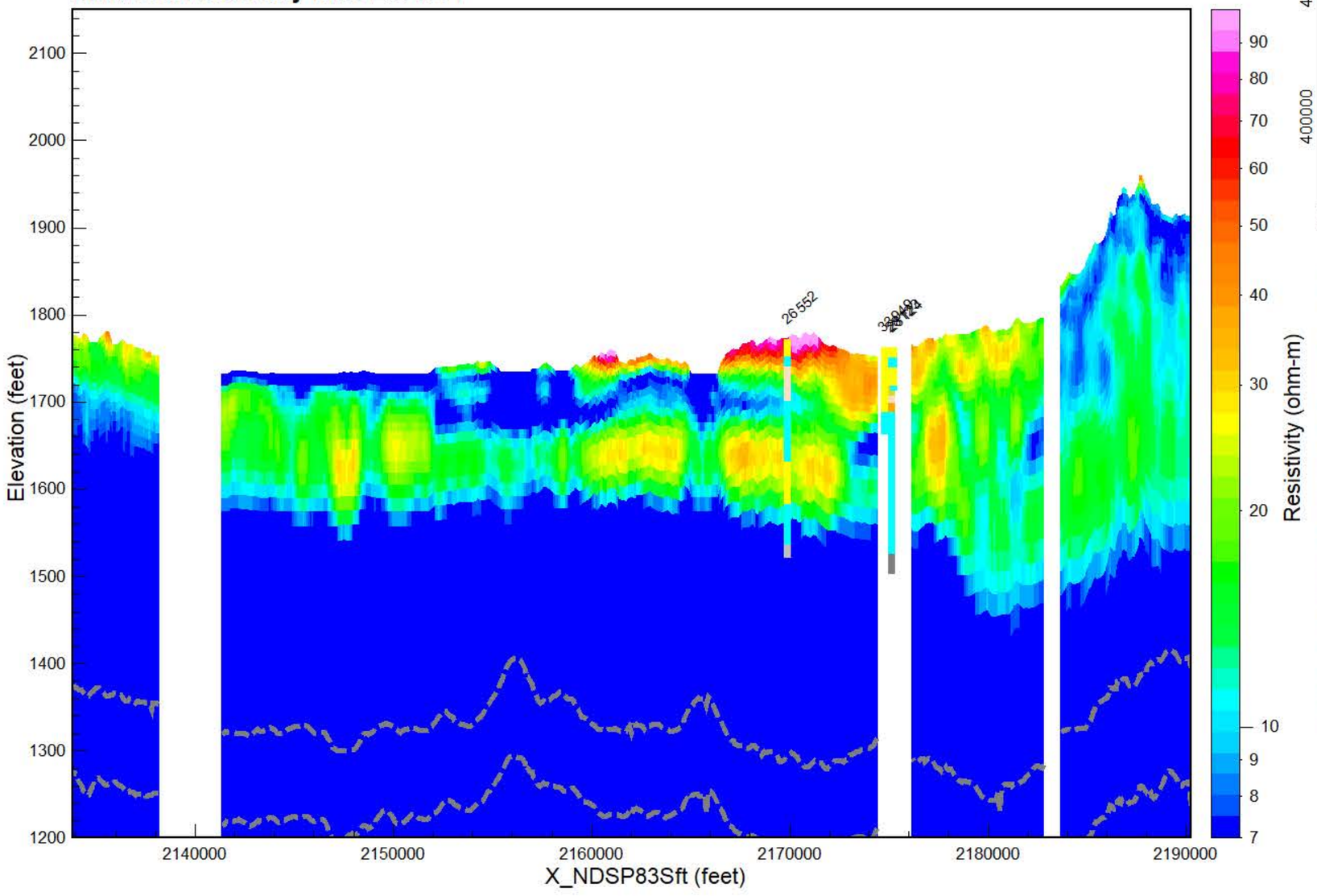
Flight Location Line L501001



AEM Survey Area 1



Final SCI Resistivity Line L501001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

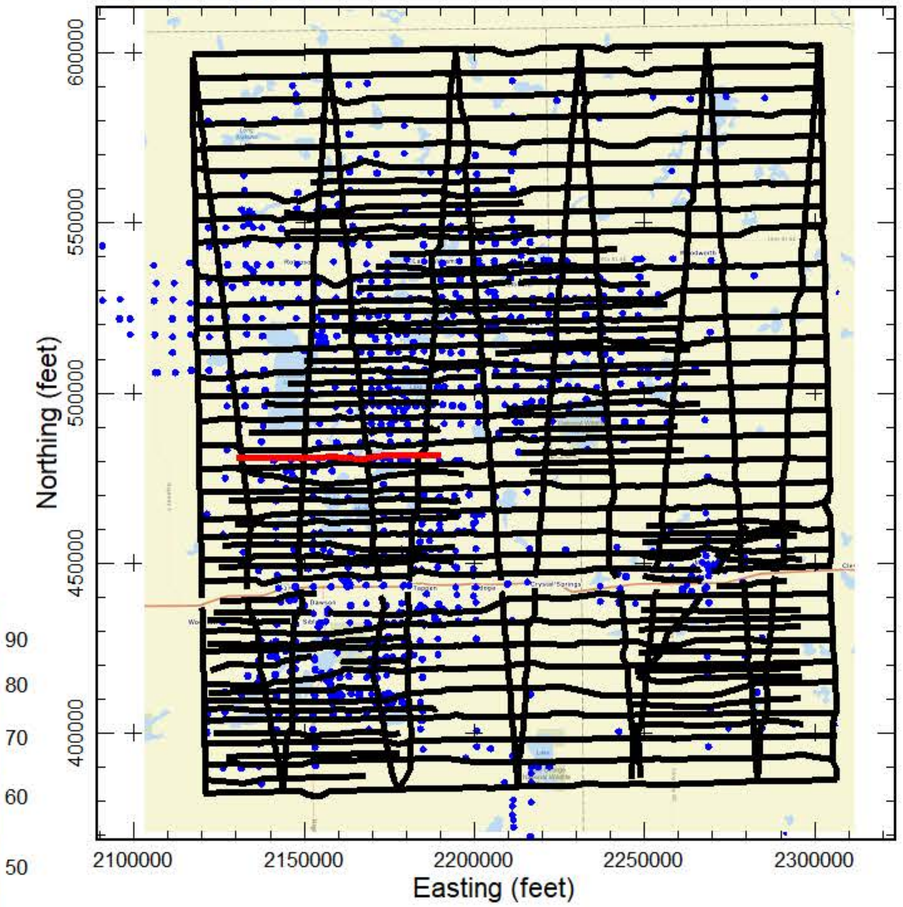
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

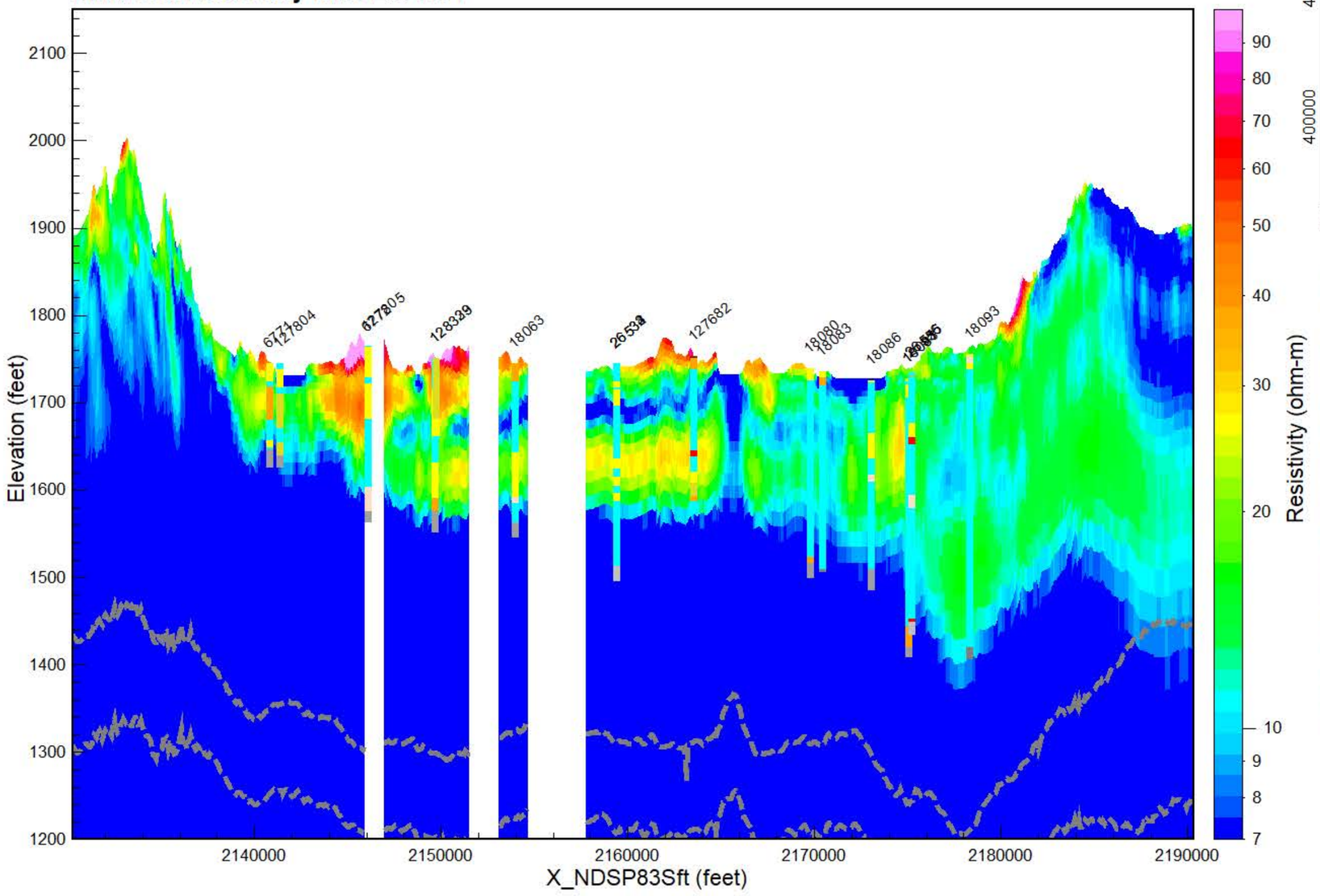
Flight Location Line L501101



AEM Survey Area 1



Final SCI Resistivity Line L501101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

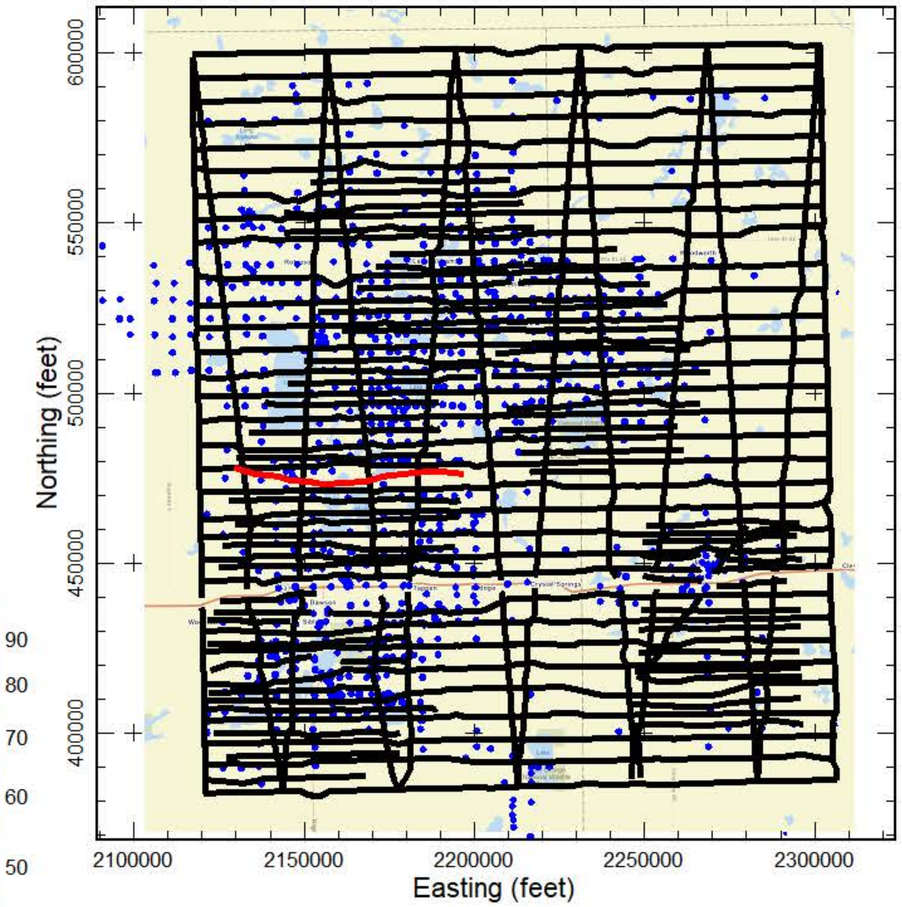
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

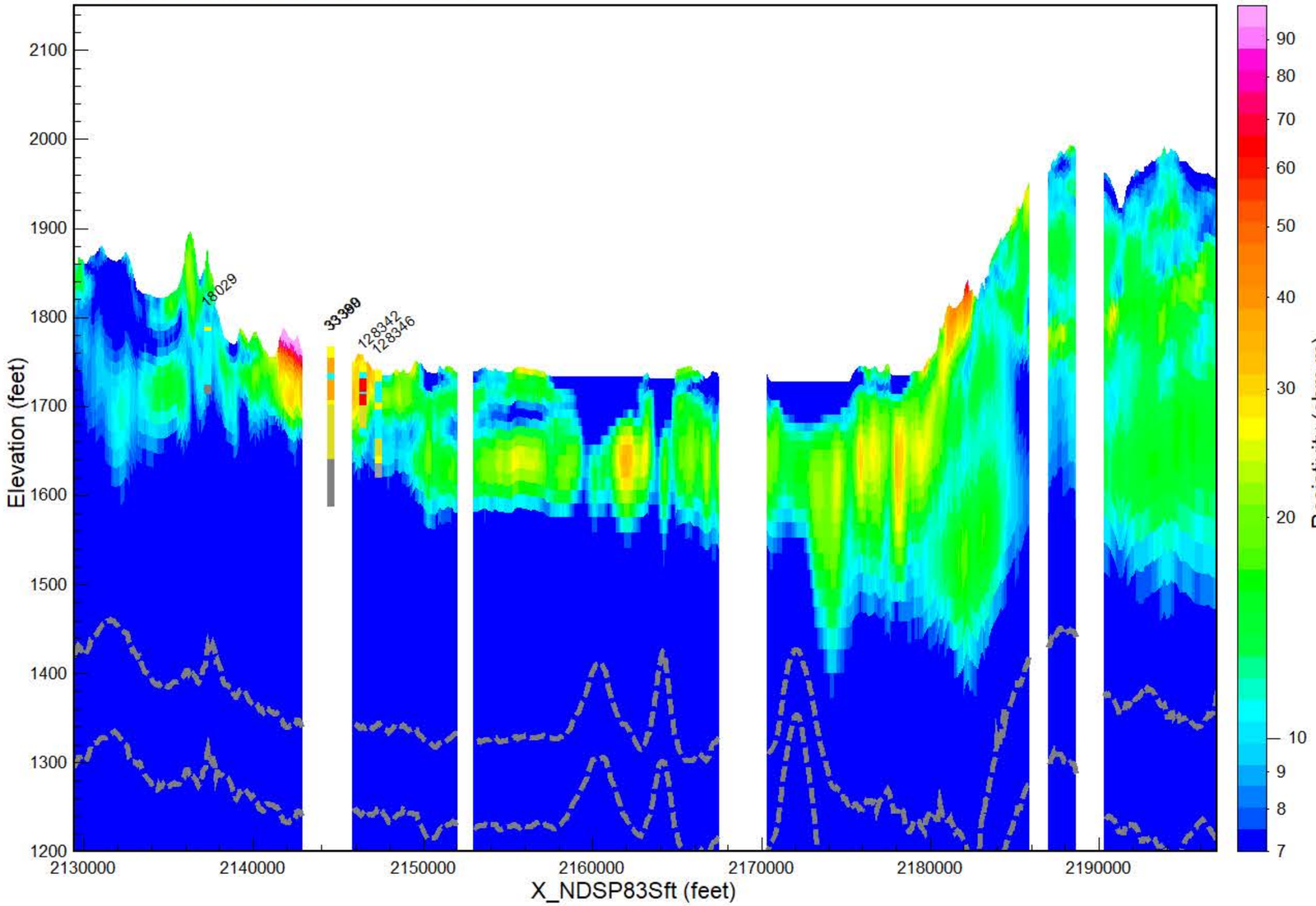
Flight Location Line L501201



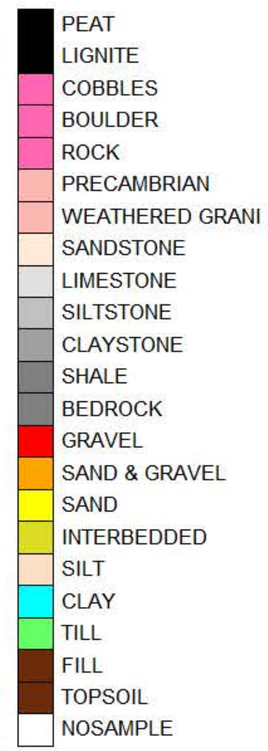
AEM Survey Area 1



Final SCI Resistivity Line L501201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

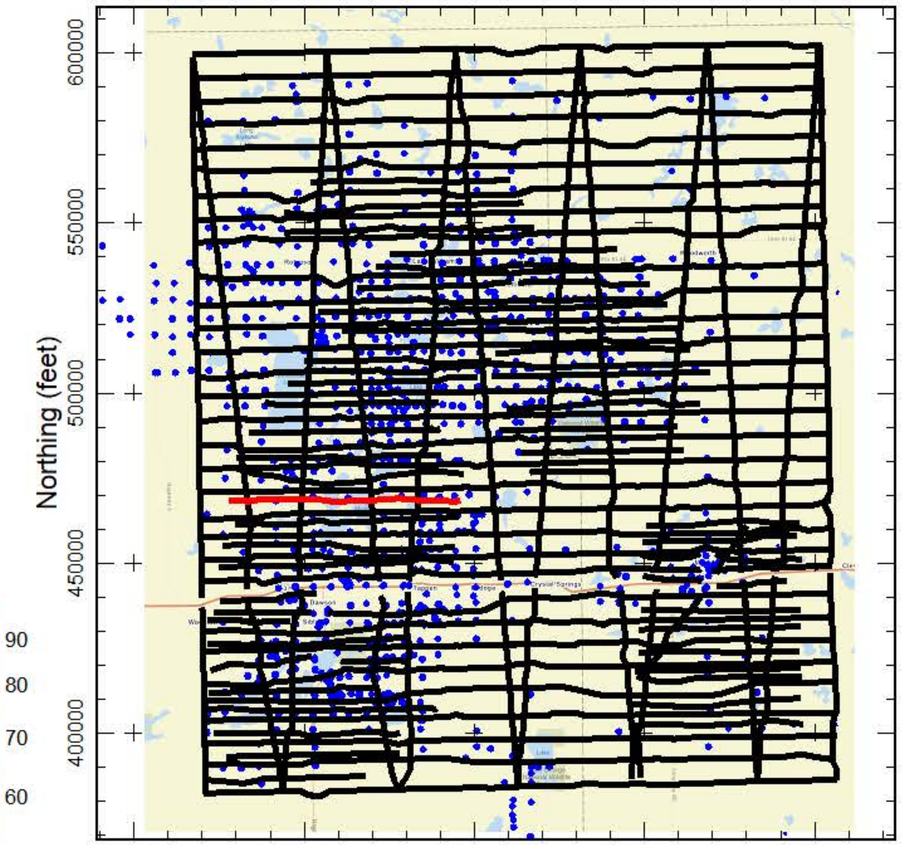


AGF
Aqua Geo Frameworks

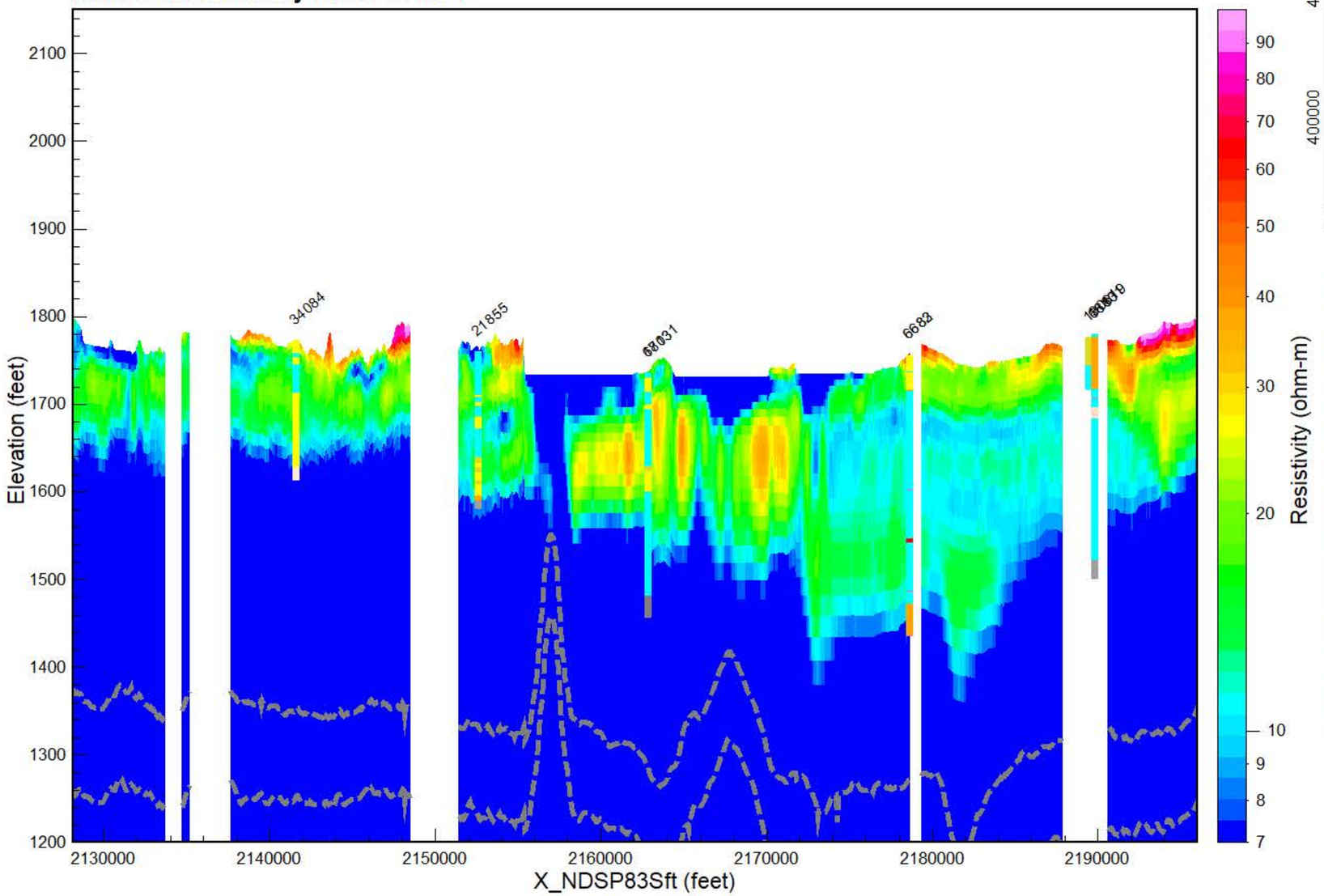
Flight Location Line L501301



AEM Survey Area 1



Final SCI Resistivity Line L501301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

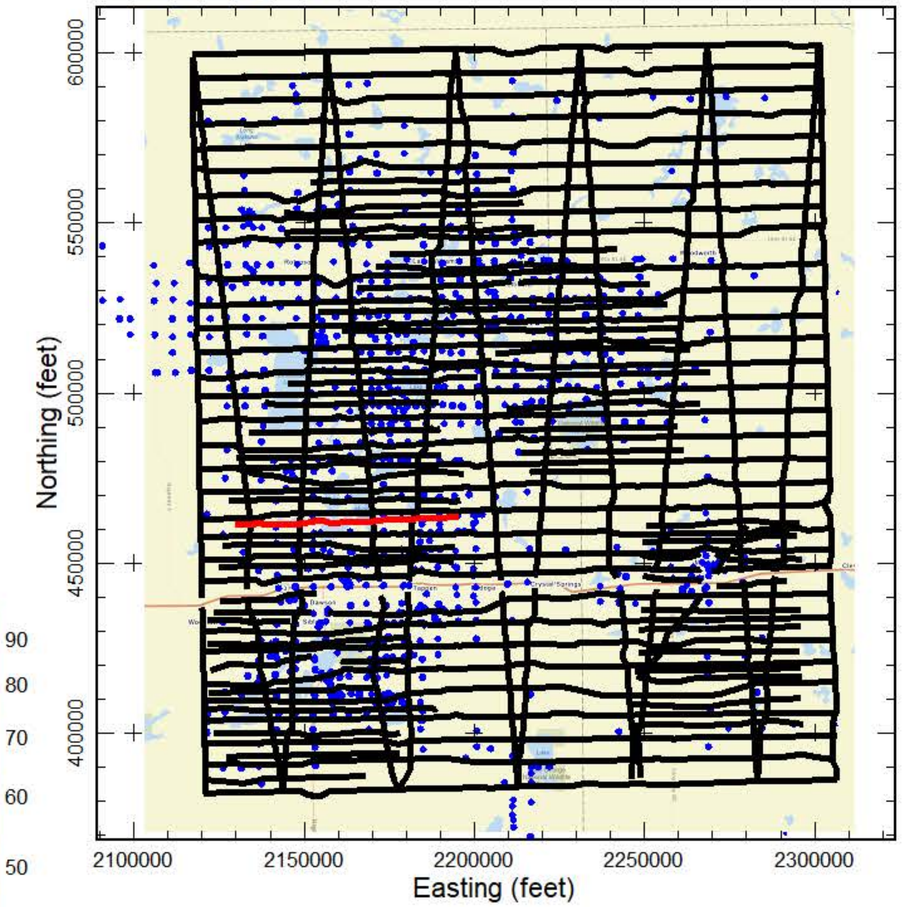
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

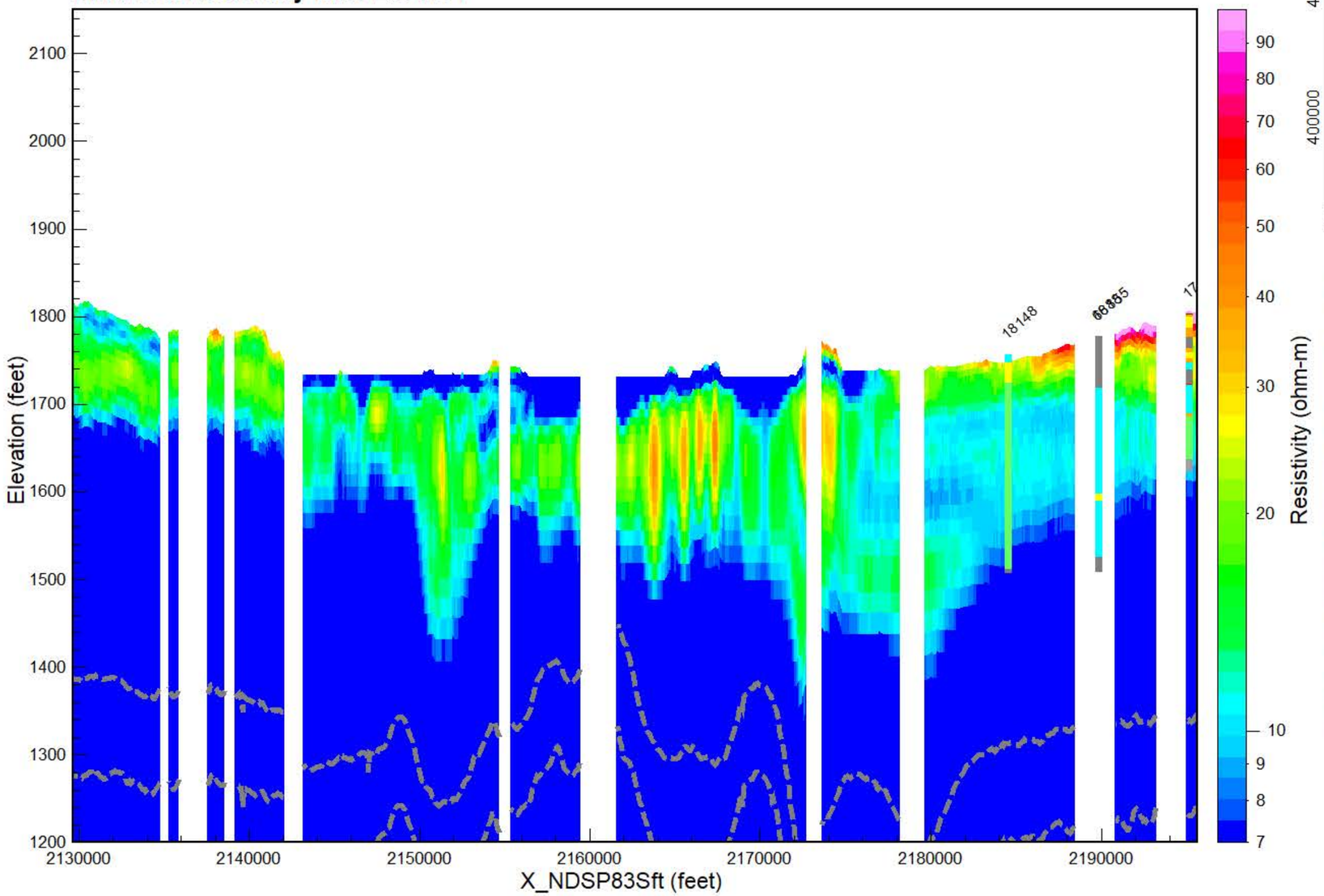
Flight Location Line L501401



AEM Survey Area 1



Final SCI Resistivity Line L501401

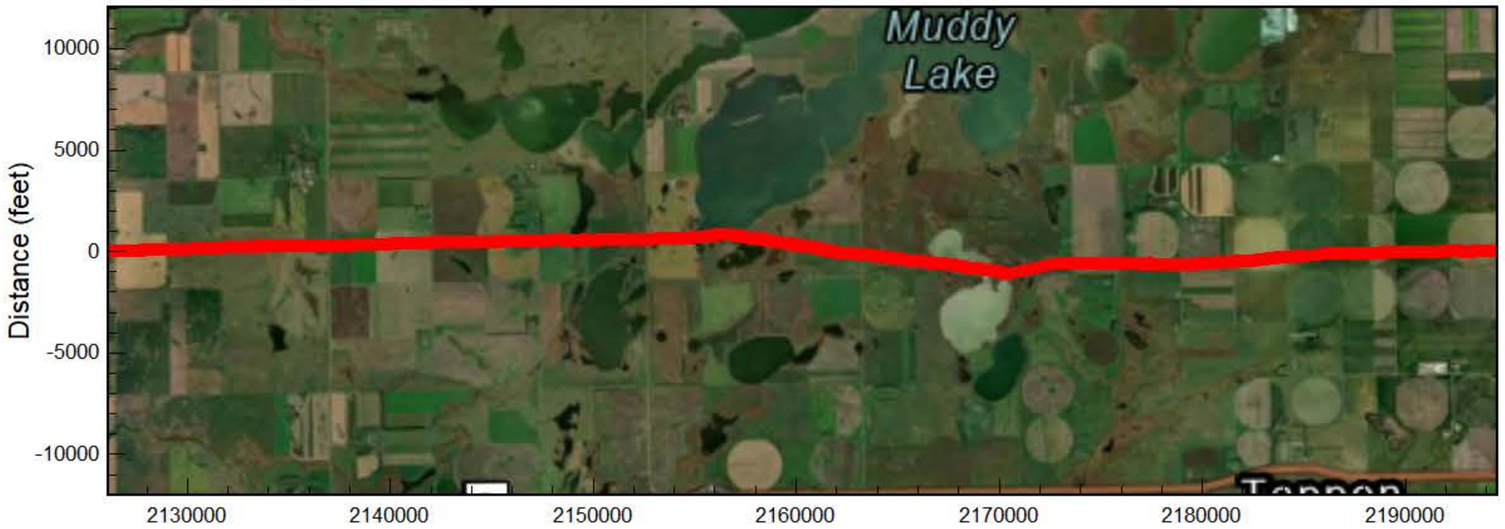


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

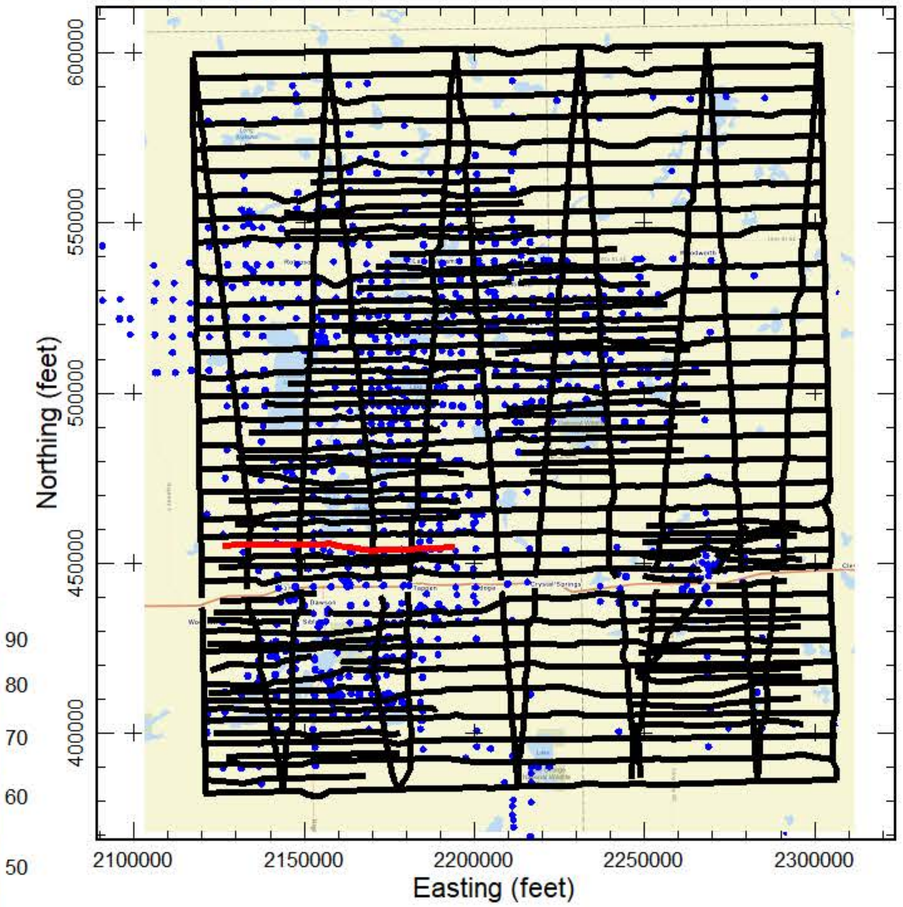
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

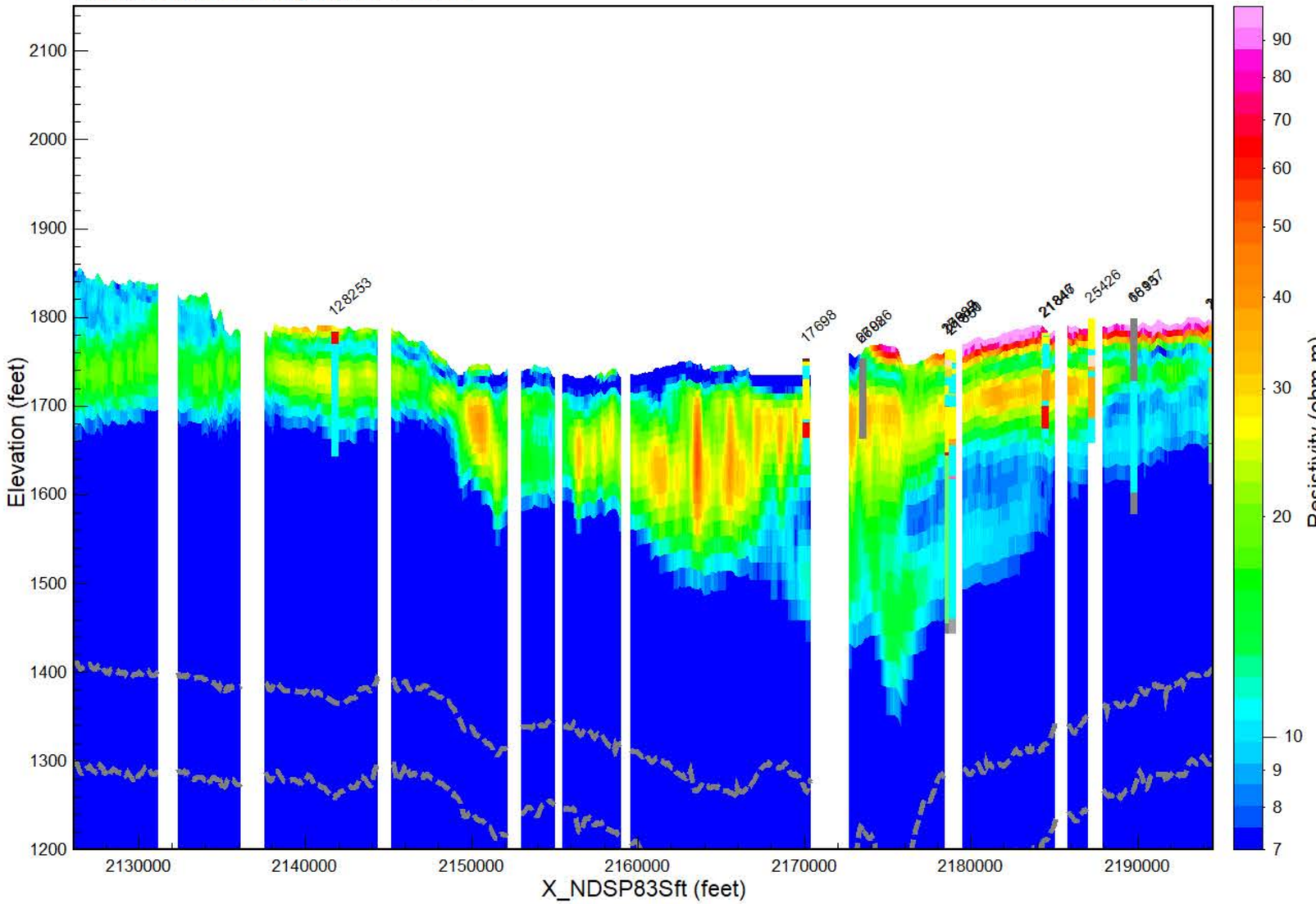
Flight Location Line L501501



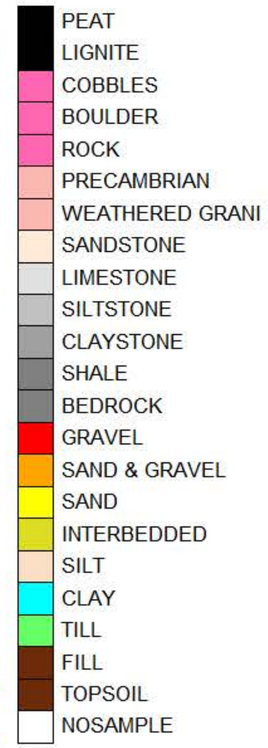
AEM Survey Area 1



Final SCI Resistivity Line L501501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

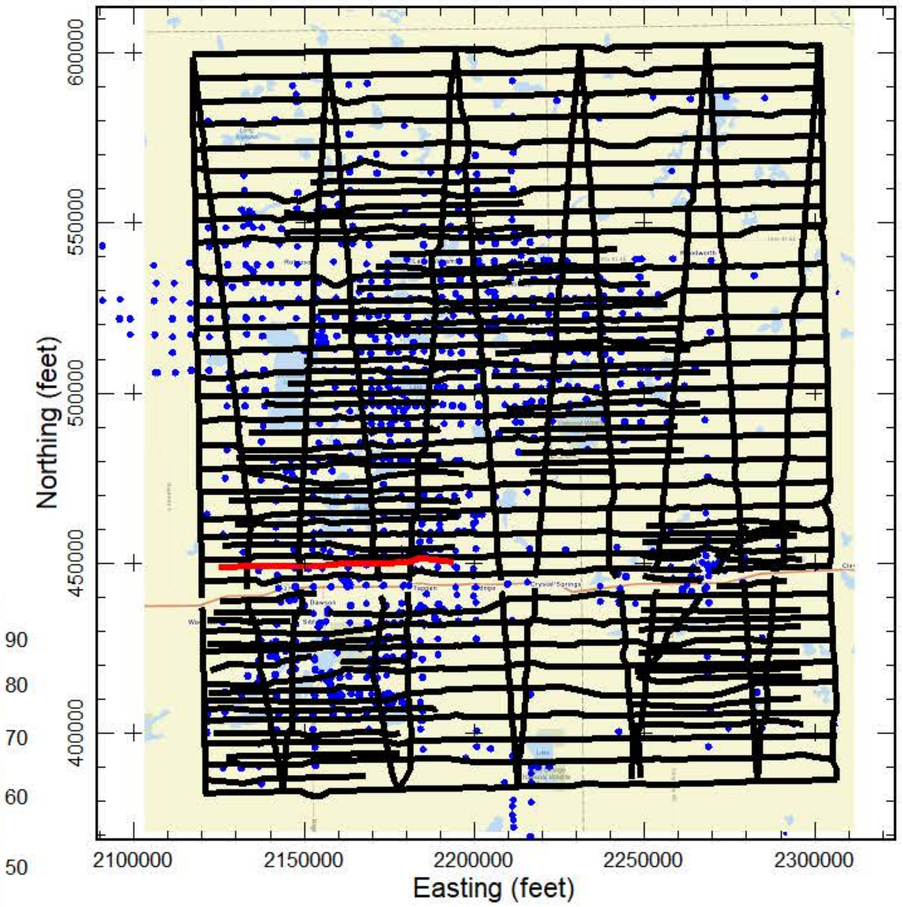


AGF
Aqua Geo Frameworks

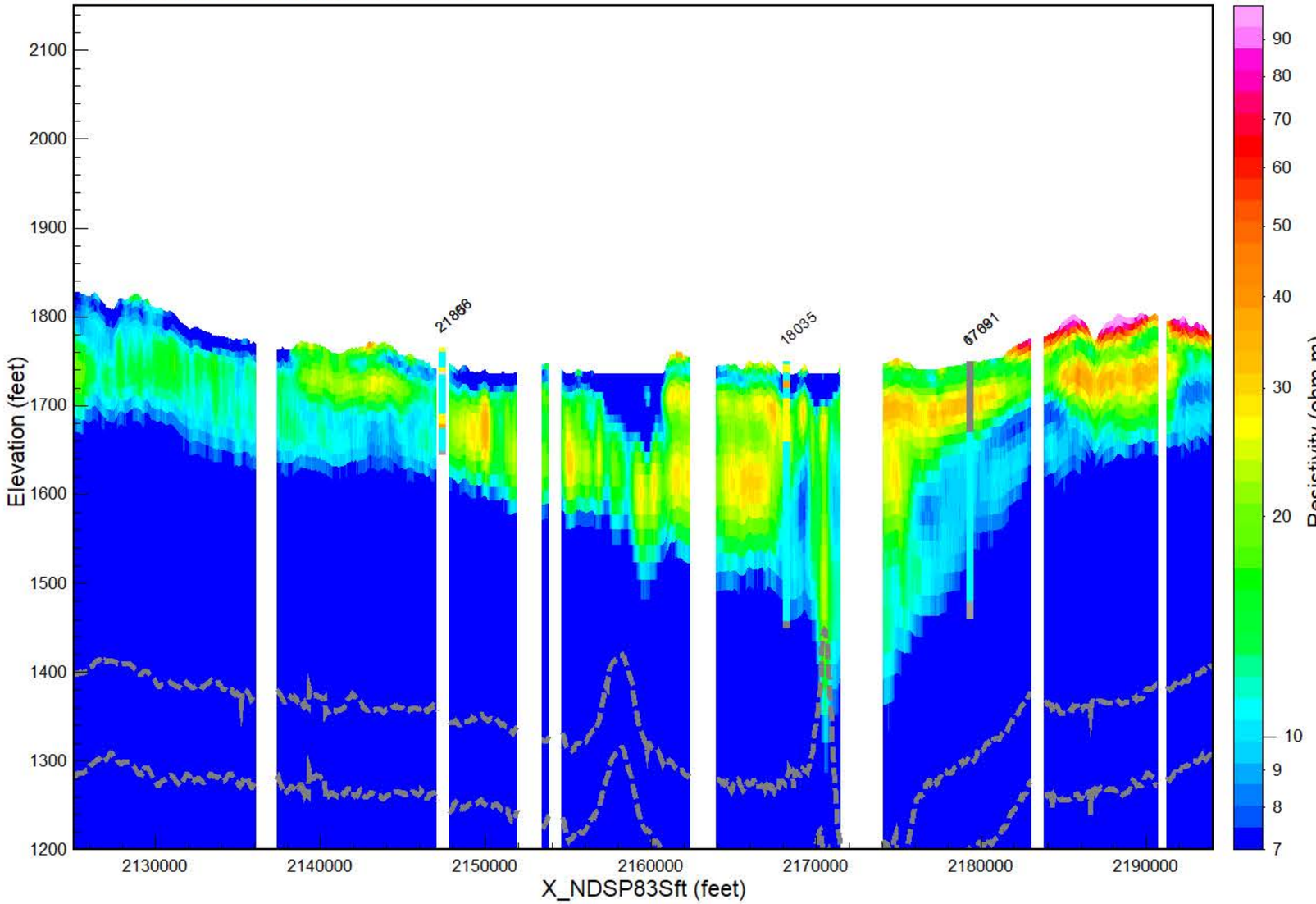
Flight Location Line L501601



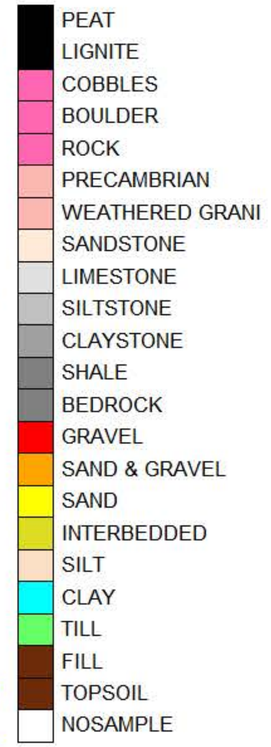
AEM Survey Area 1



Final SCI Resistivity Line L501601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

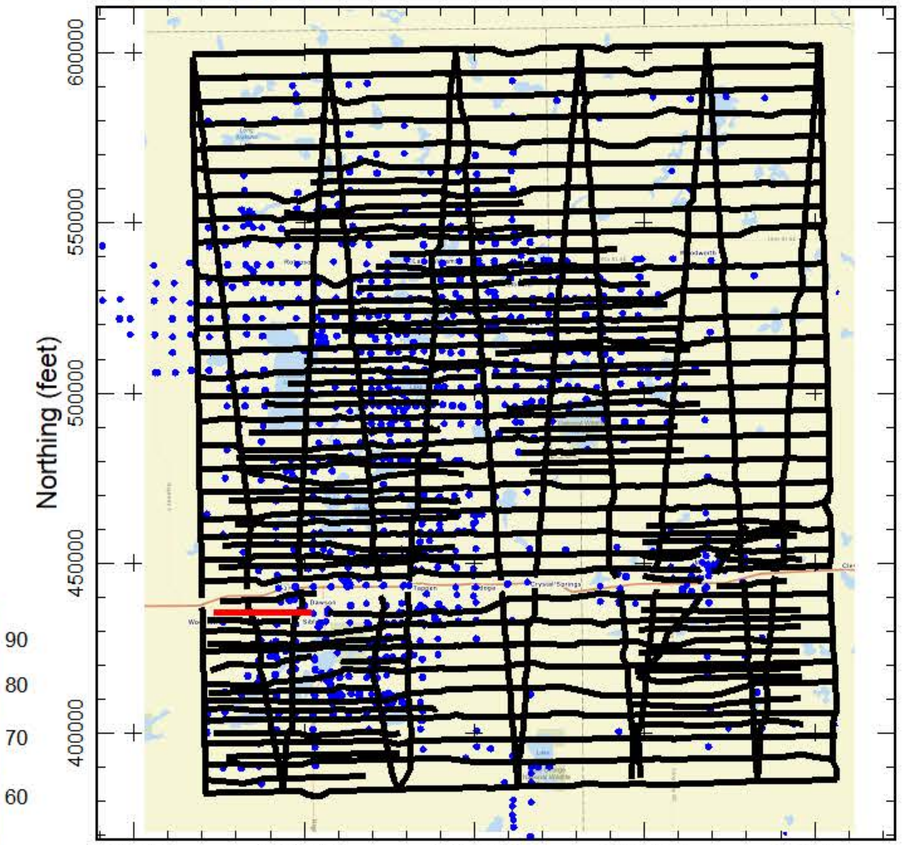


AGF
Aqua Geo Frameworks

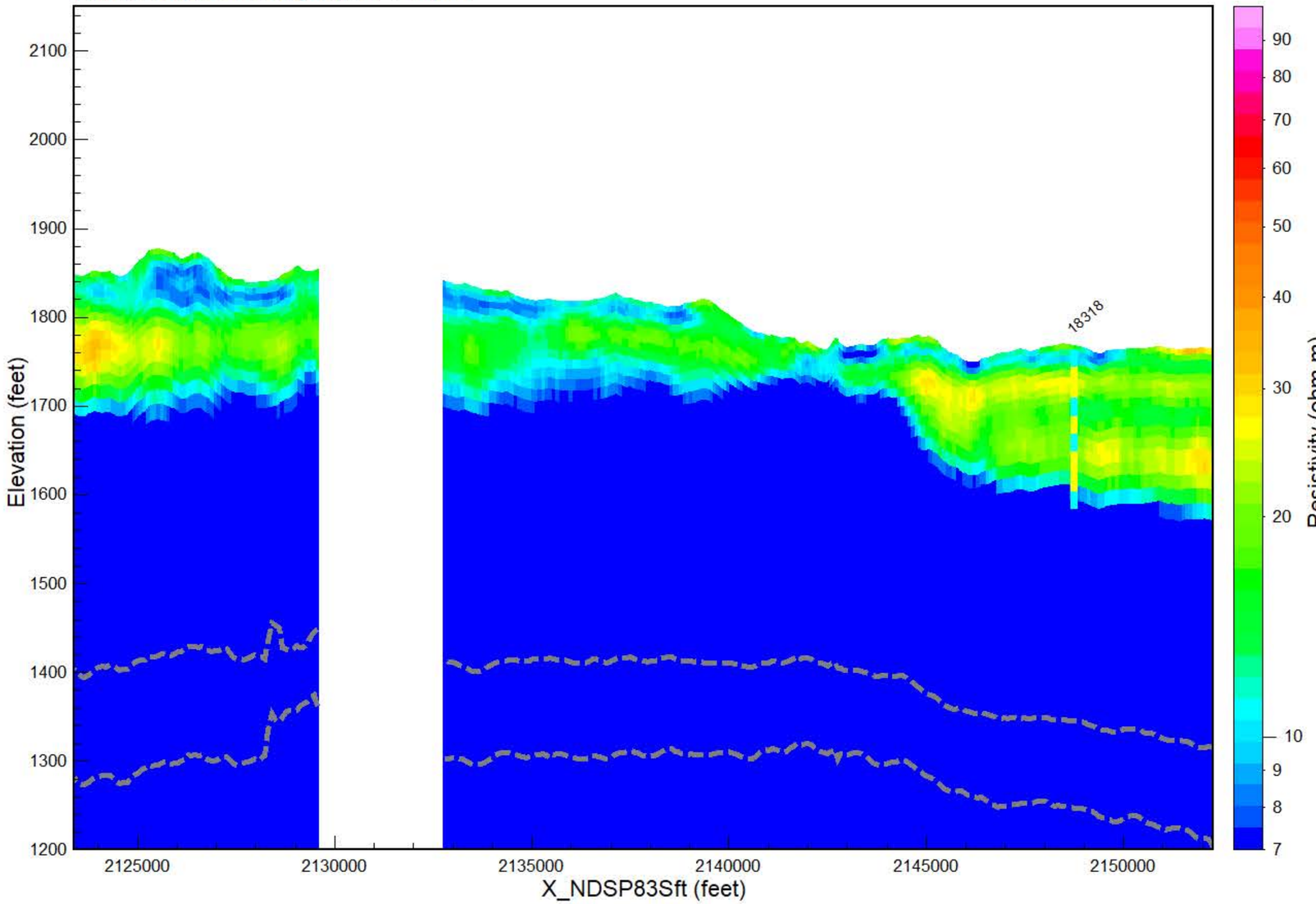
Flight Location Line L501701



AEM Survey Area 1



Final SCI Resistivity Line L501701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

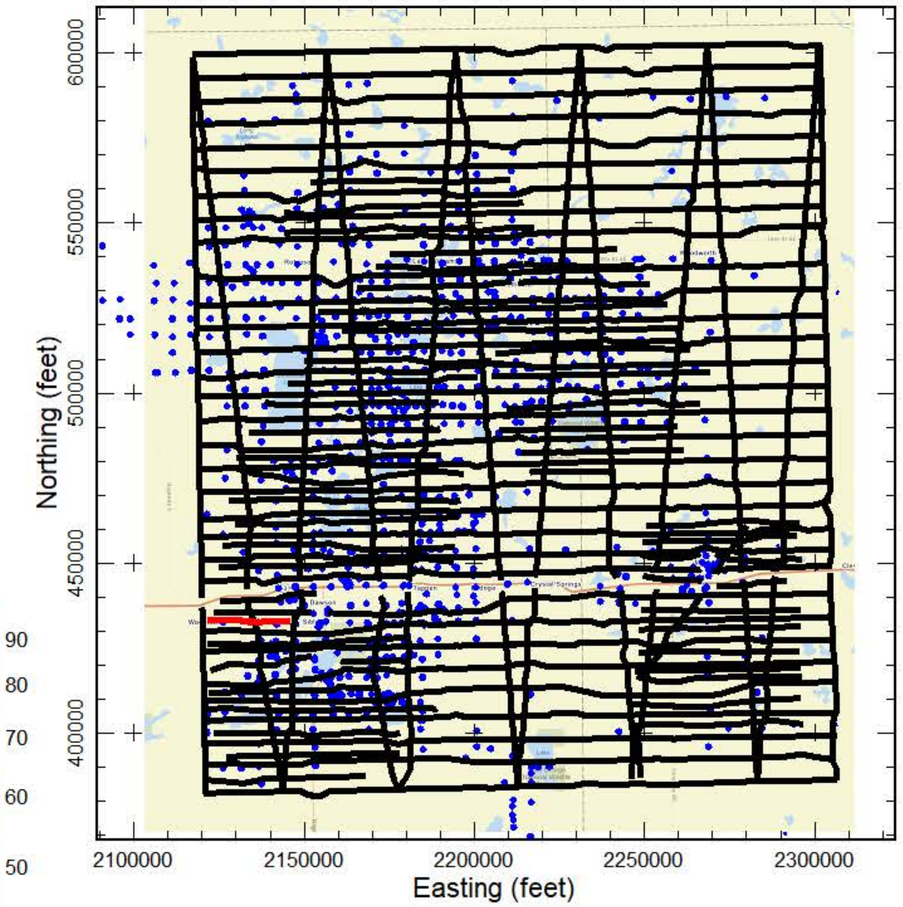
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

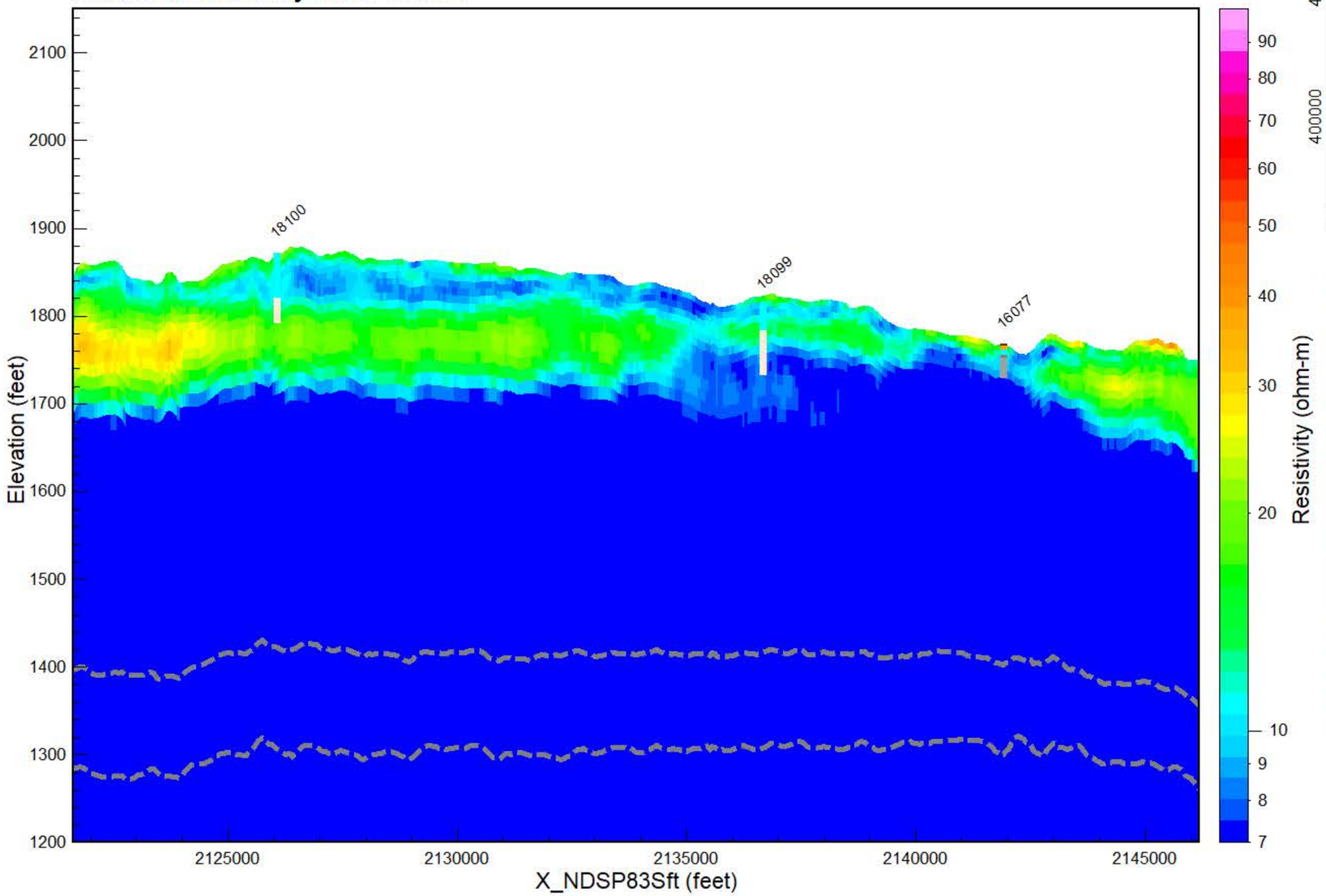
Flight Location Line L501801



AEM Survey Area 1



Final SCI Resistivity Line L501801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

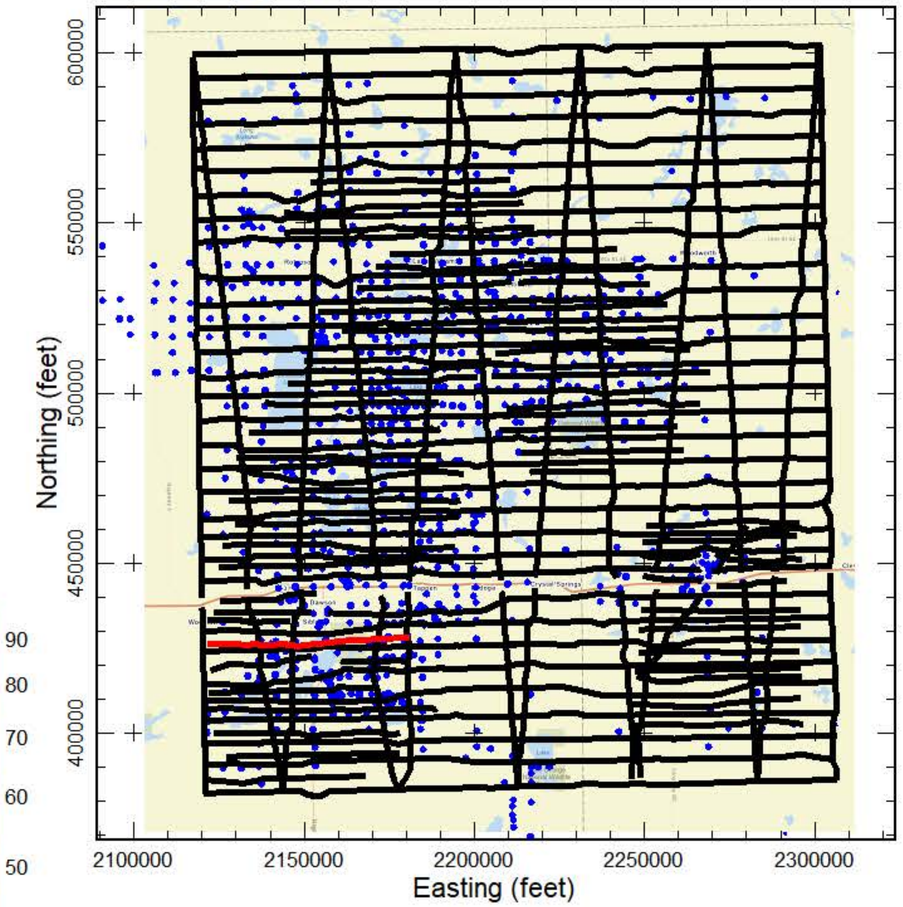
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

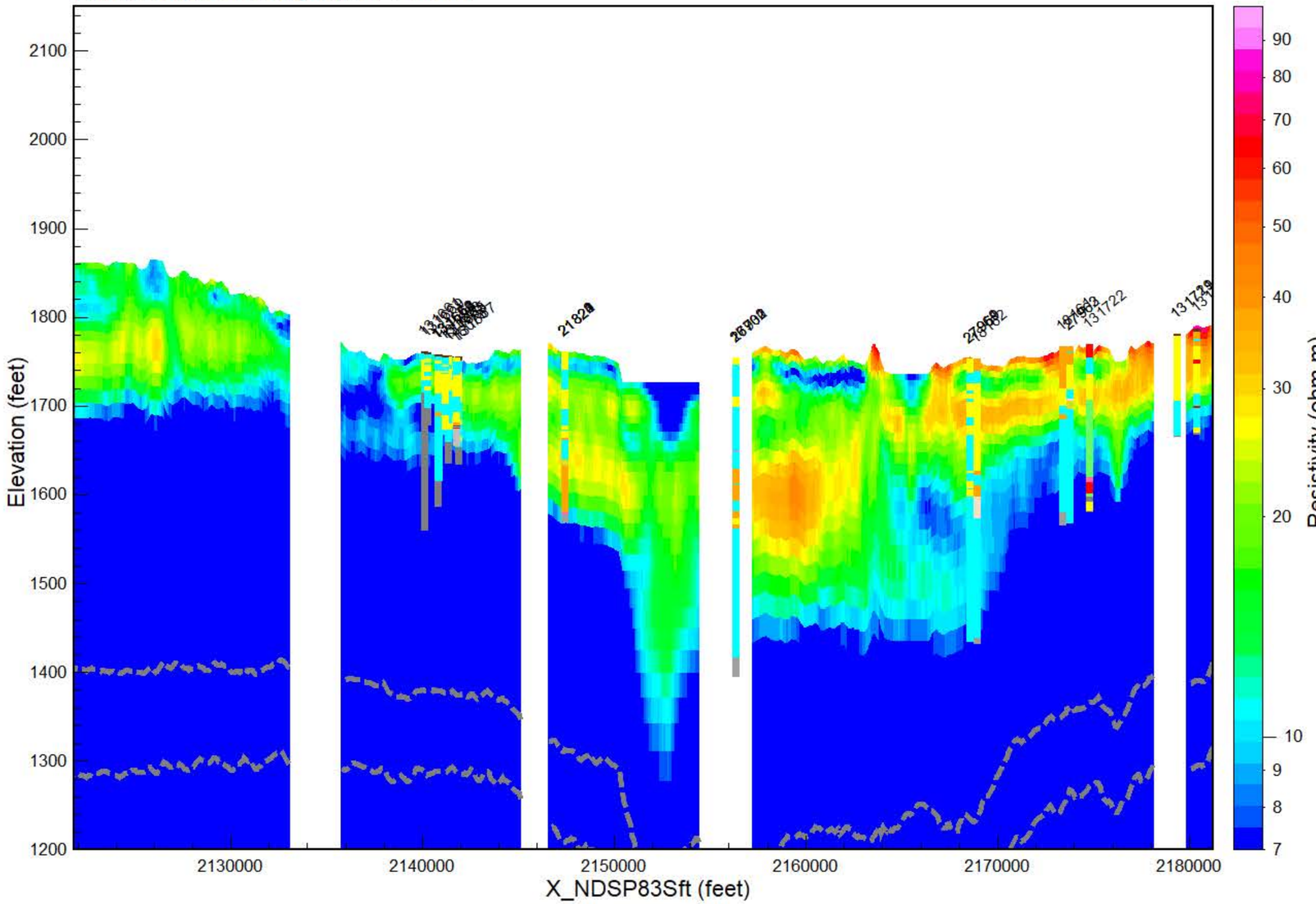
Flight Location Line L501901



AEM Survey Area 1



Final SCI Resistivity Line L501901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

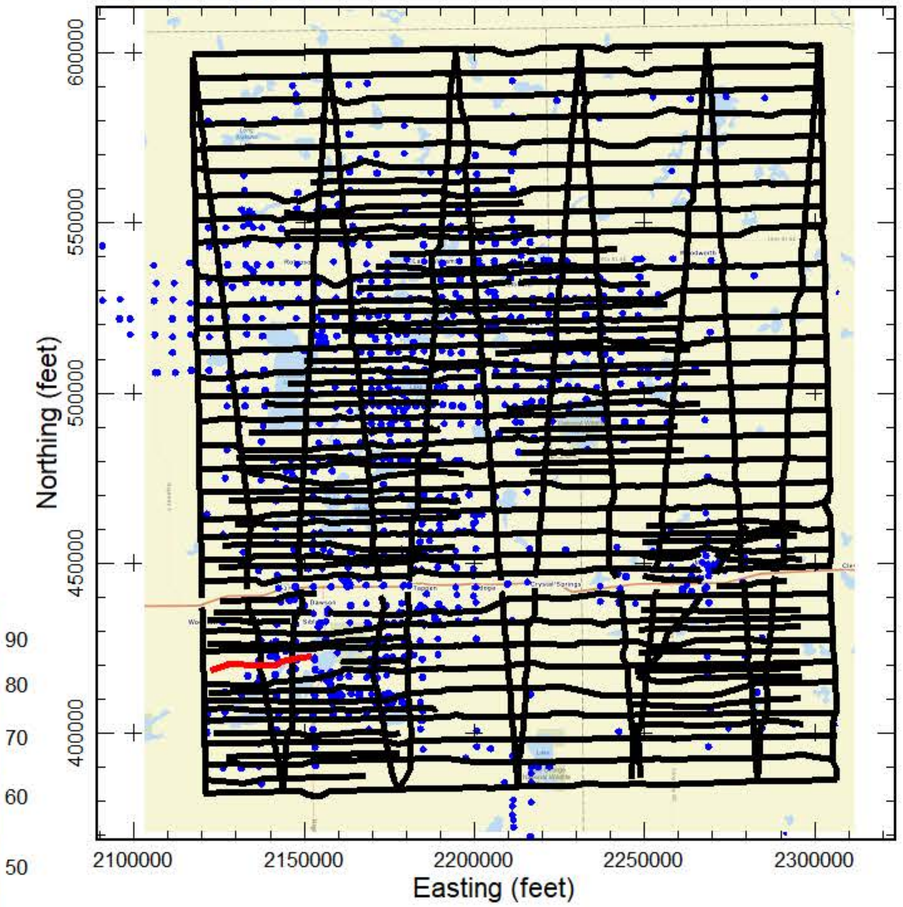
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

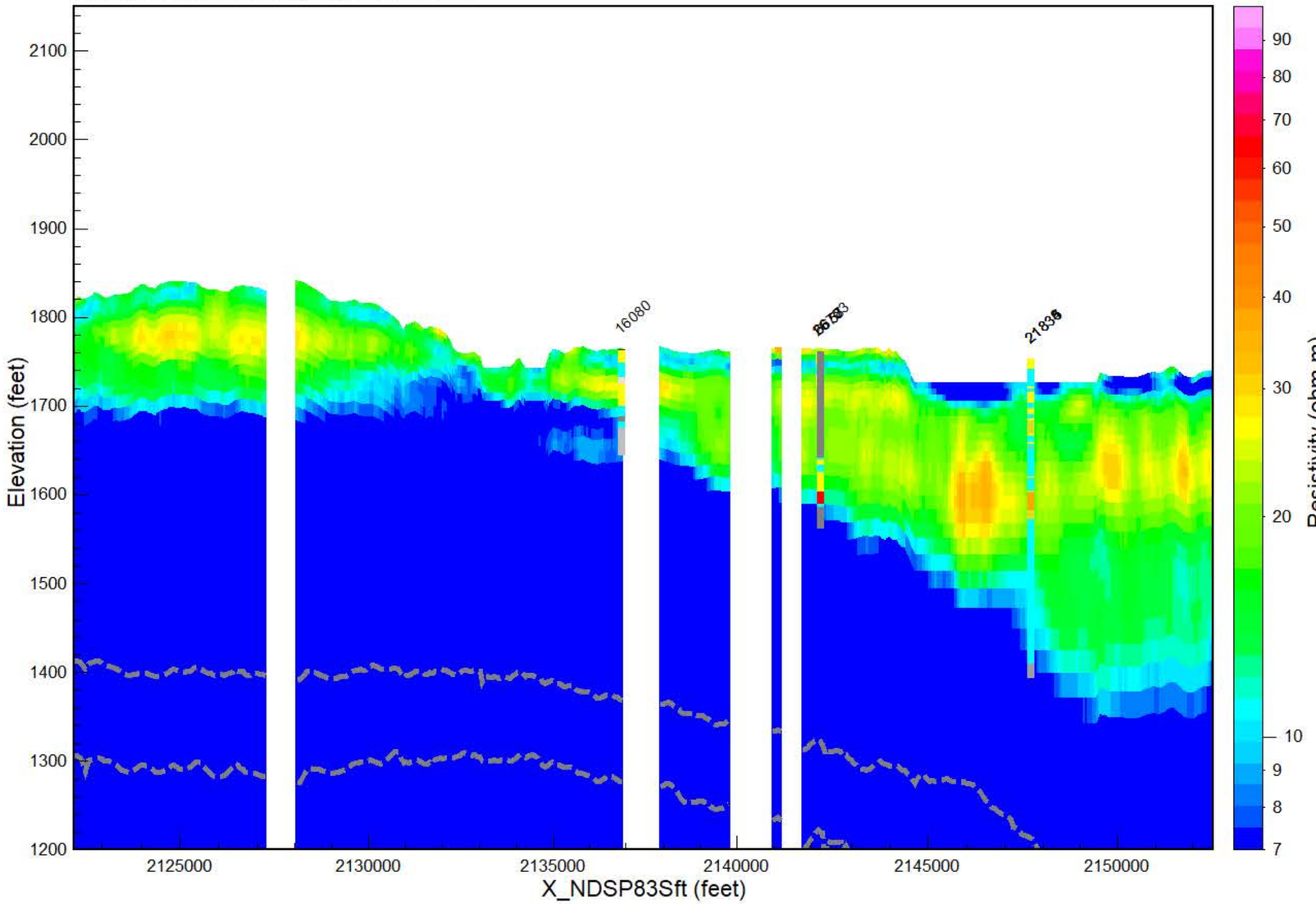
Flight Location Line L502001



AEM Survey Area 1



Final SCI Resistivity Line L502001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

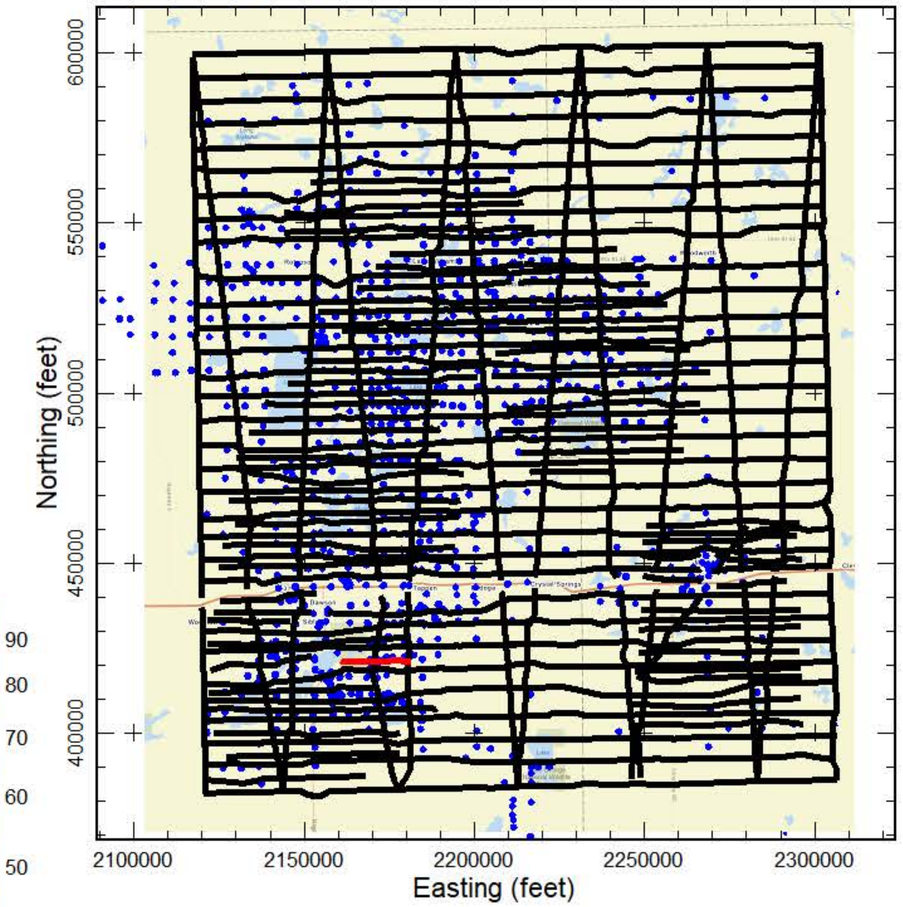
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

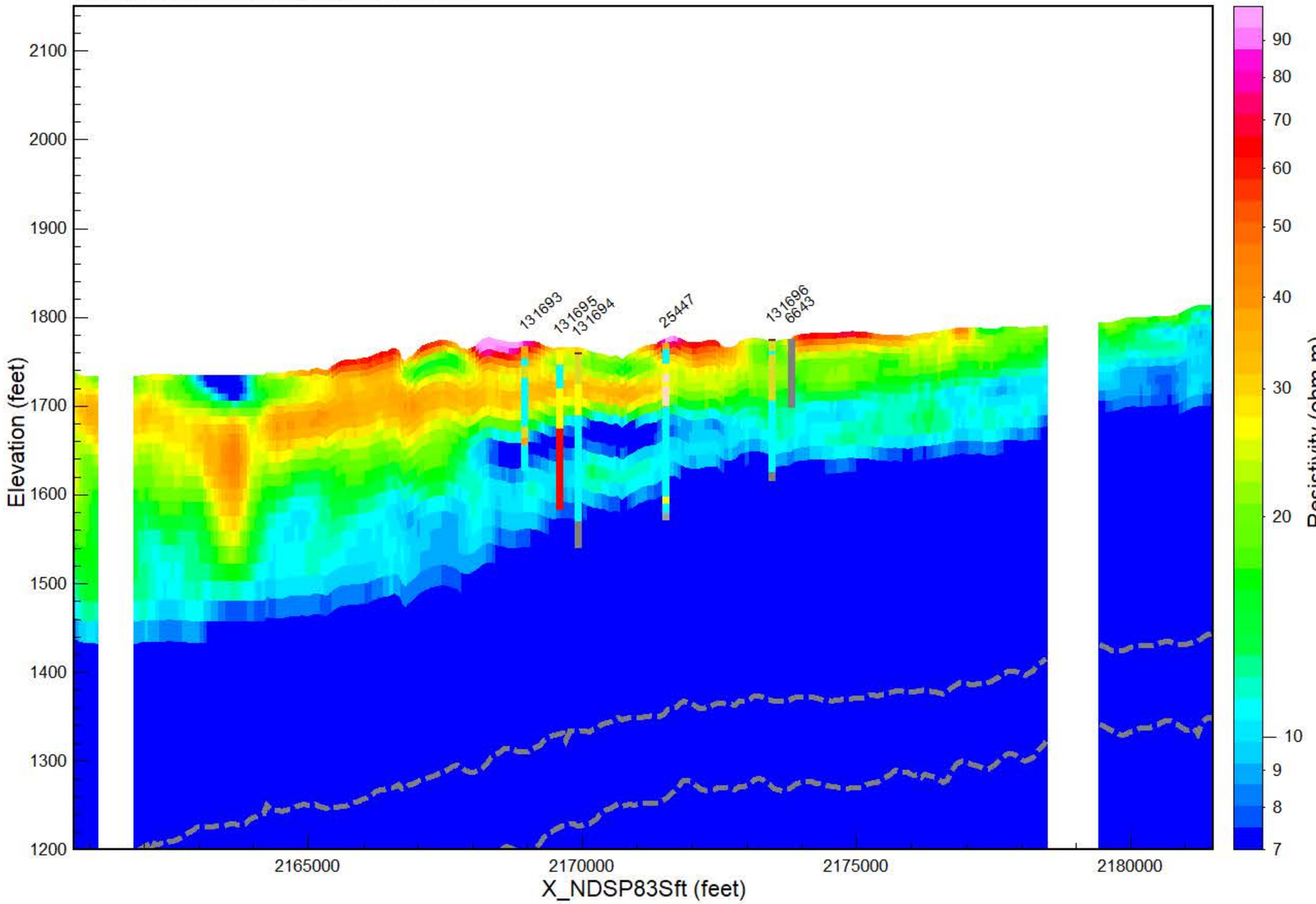
Flight Location Line L502101



AEM Survey Area 1



Final SCI Resistivity Line L502101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

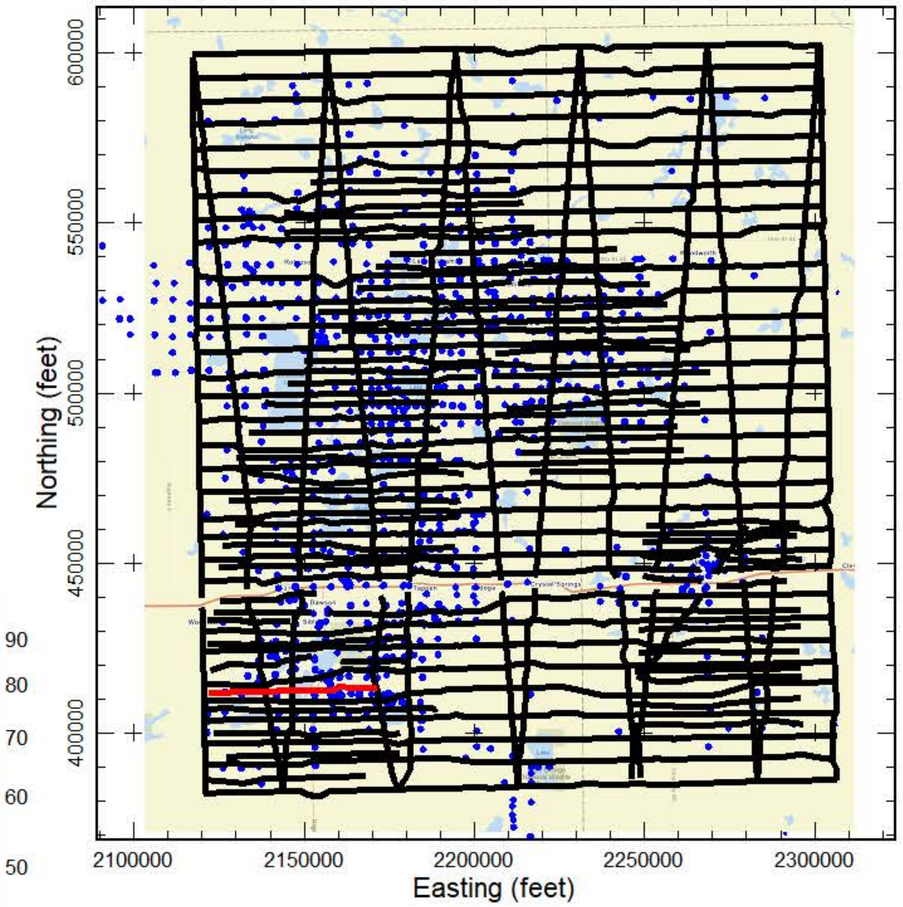
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

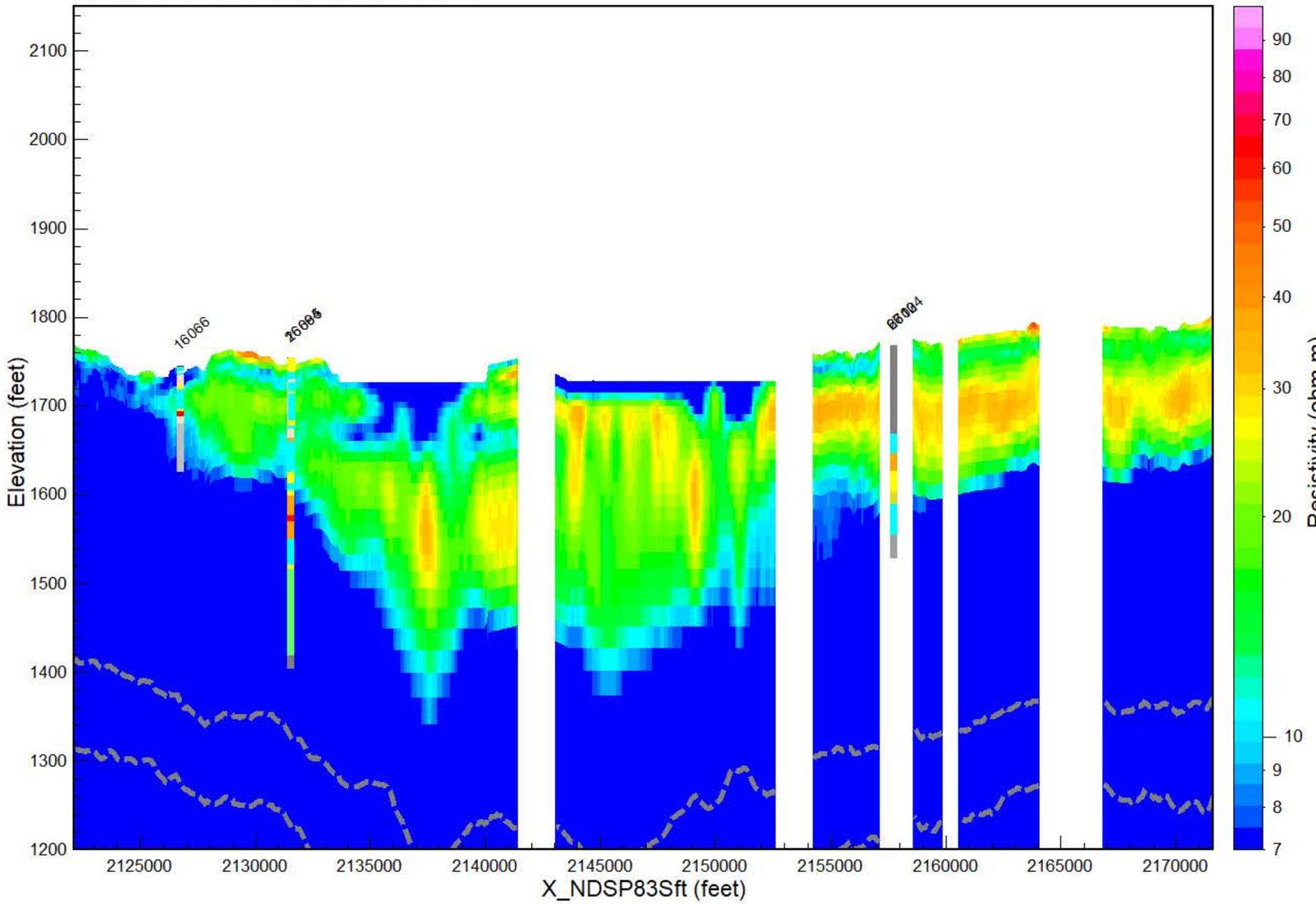
Flight Location Line L502201



AEM Survey Area 1



Final SCI Resistivity Line L502201

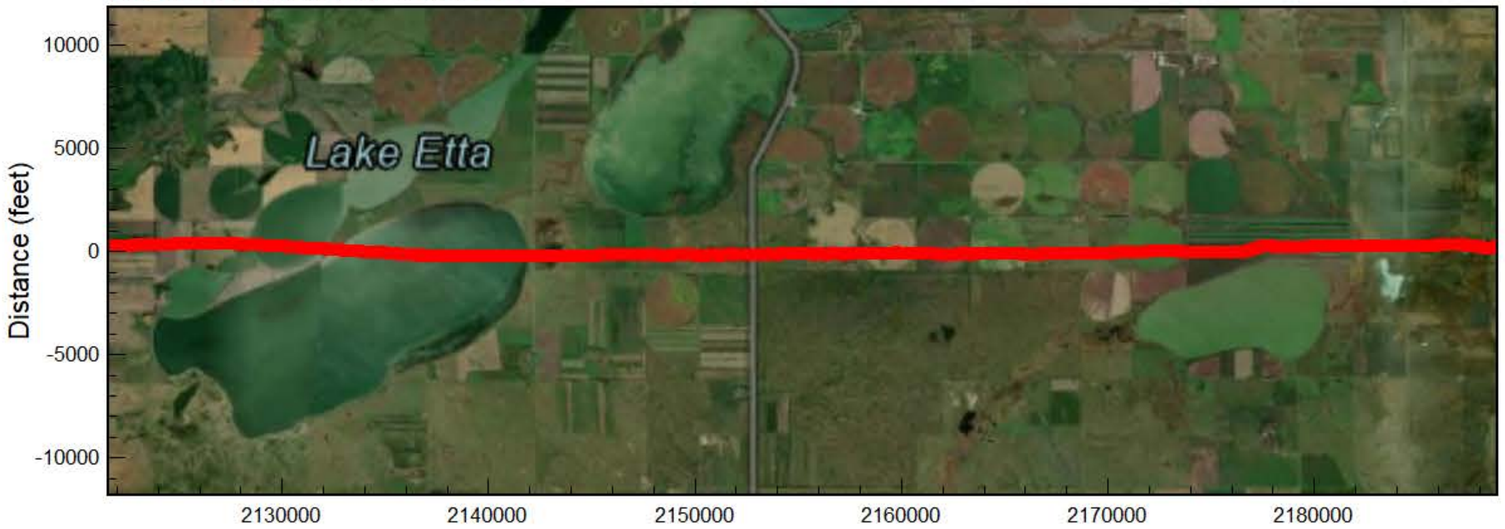


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

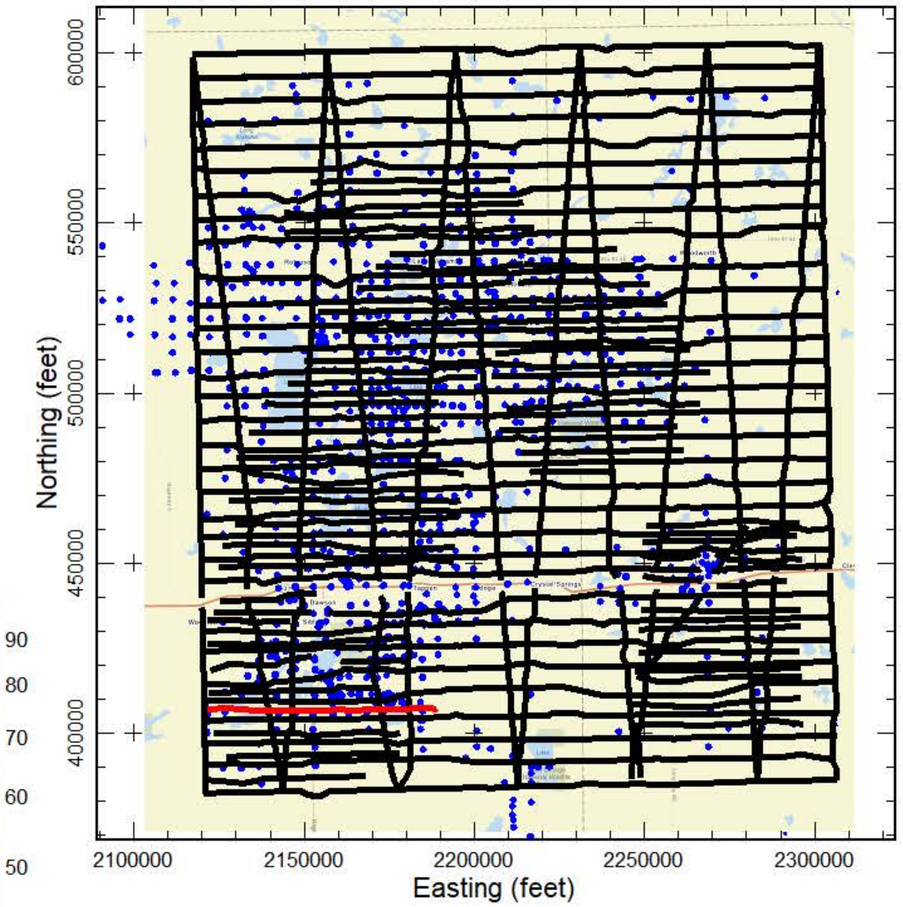
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

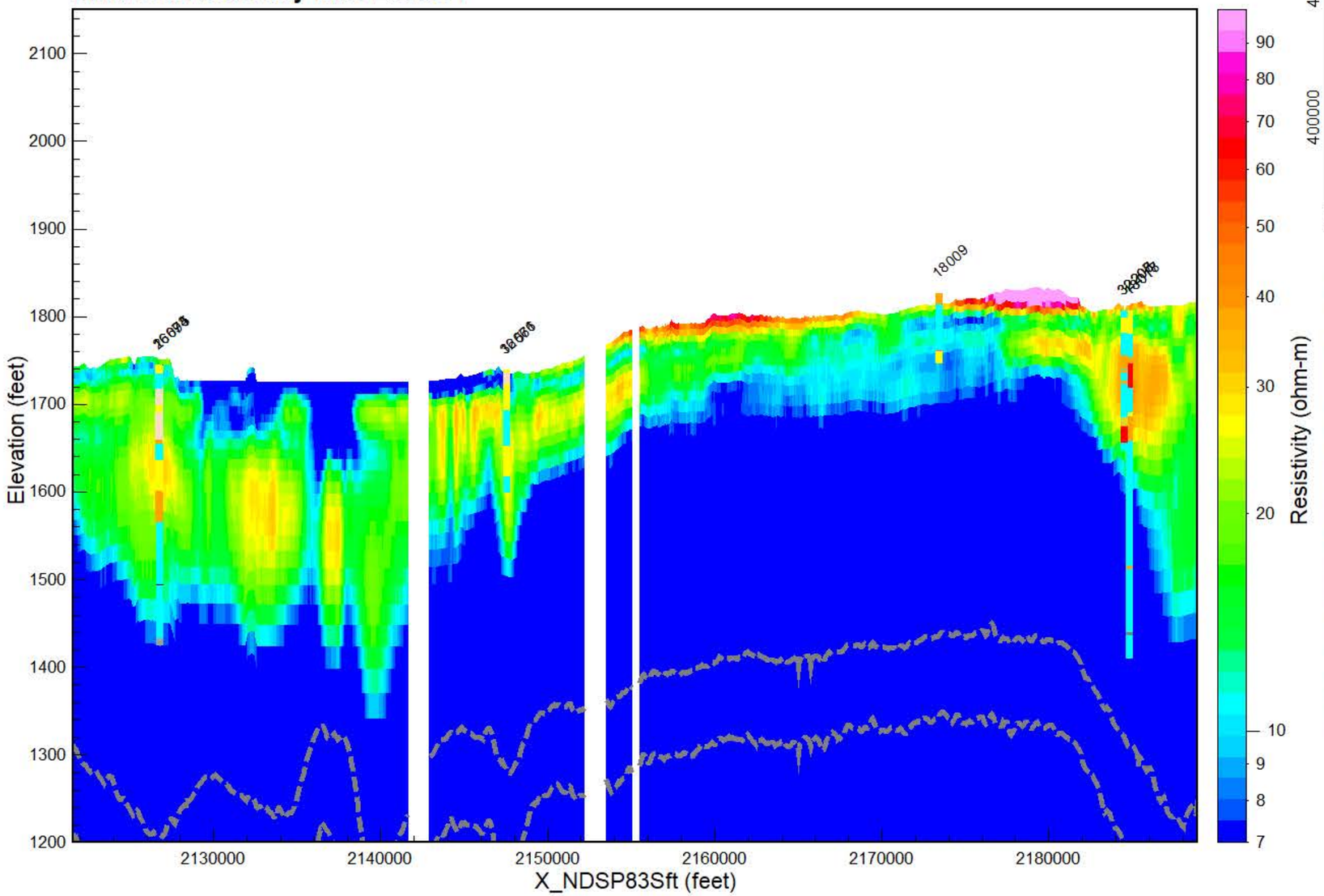
Flight Location Line L502301



AEM Survey Area 1



Final SCI Resistivity Line L502301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

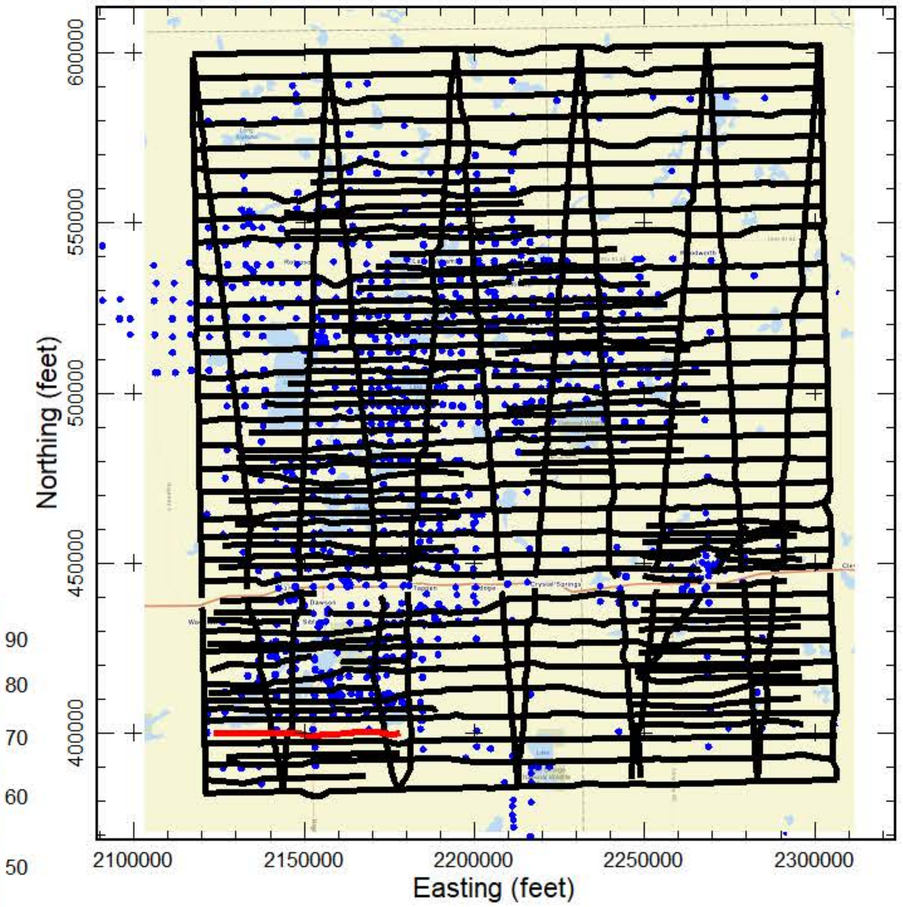
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

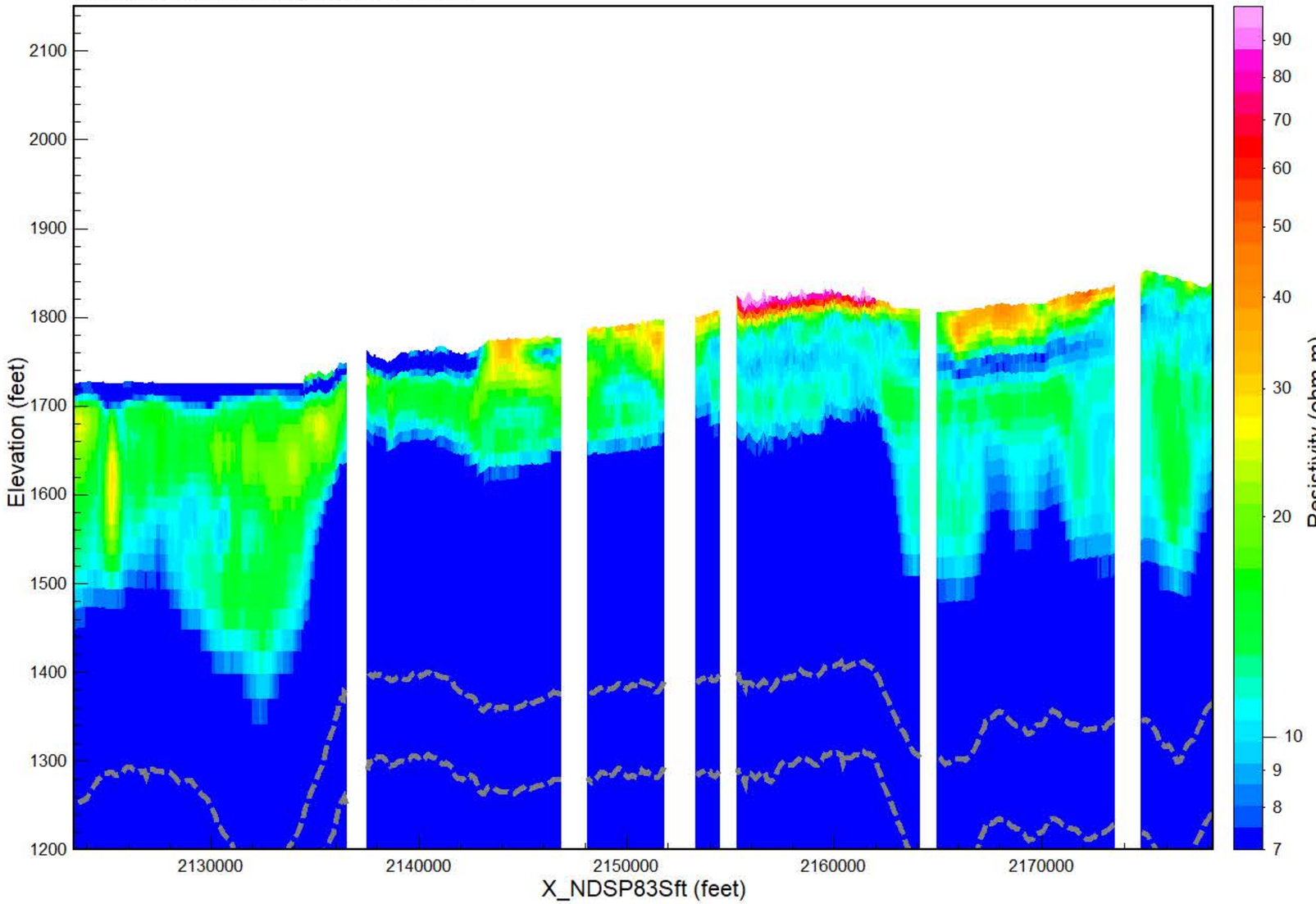
Flight Location Line L502401



AEM Survey Area 1



Final SCI Resistivity Line L502401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

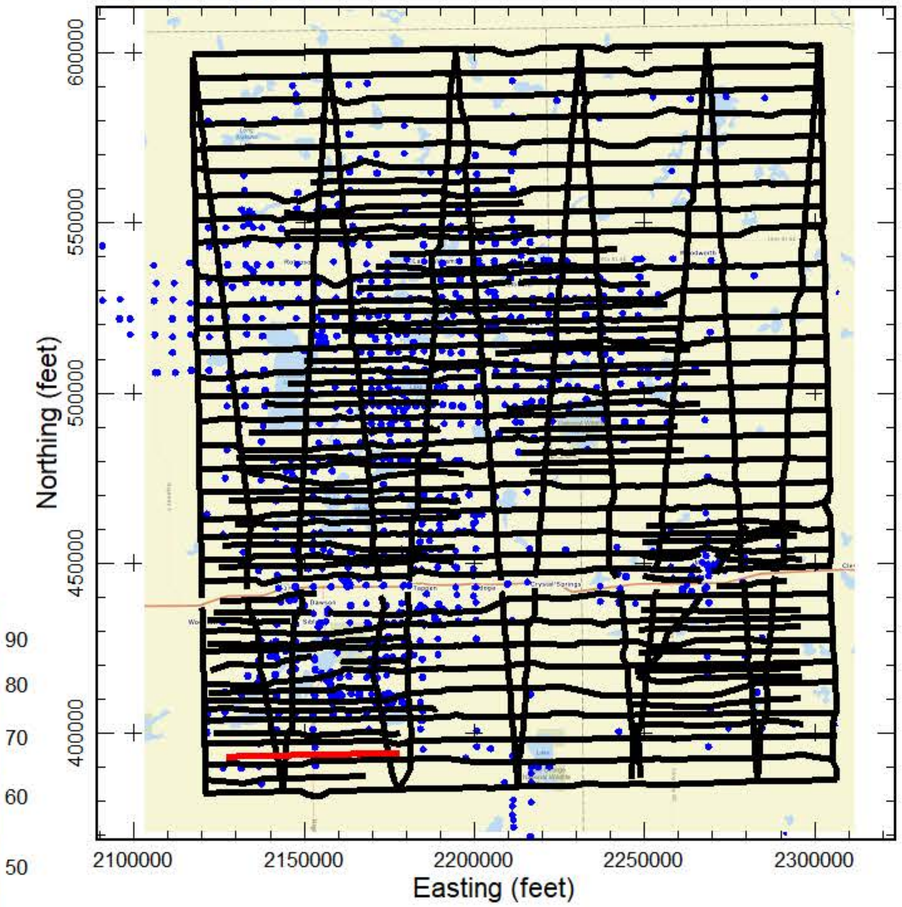
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

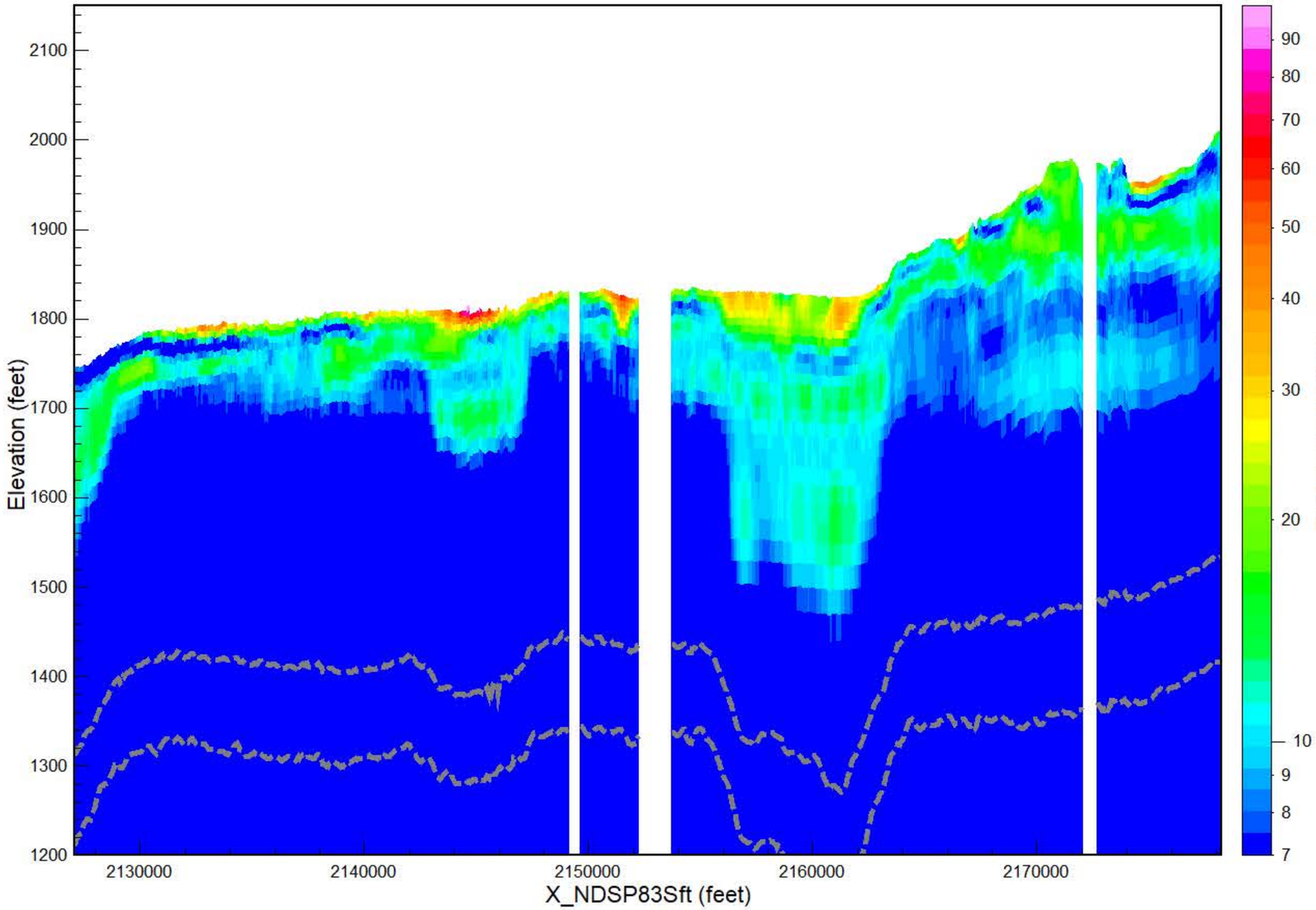
Flight Location Line L502501



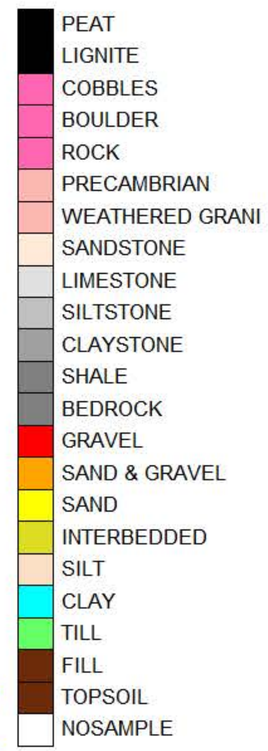
AEM Survey Area 1



Final SCI Resistivity Line L502501

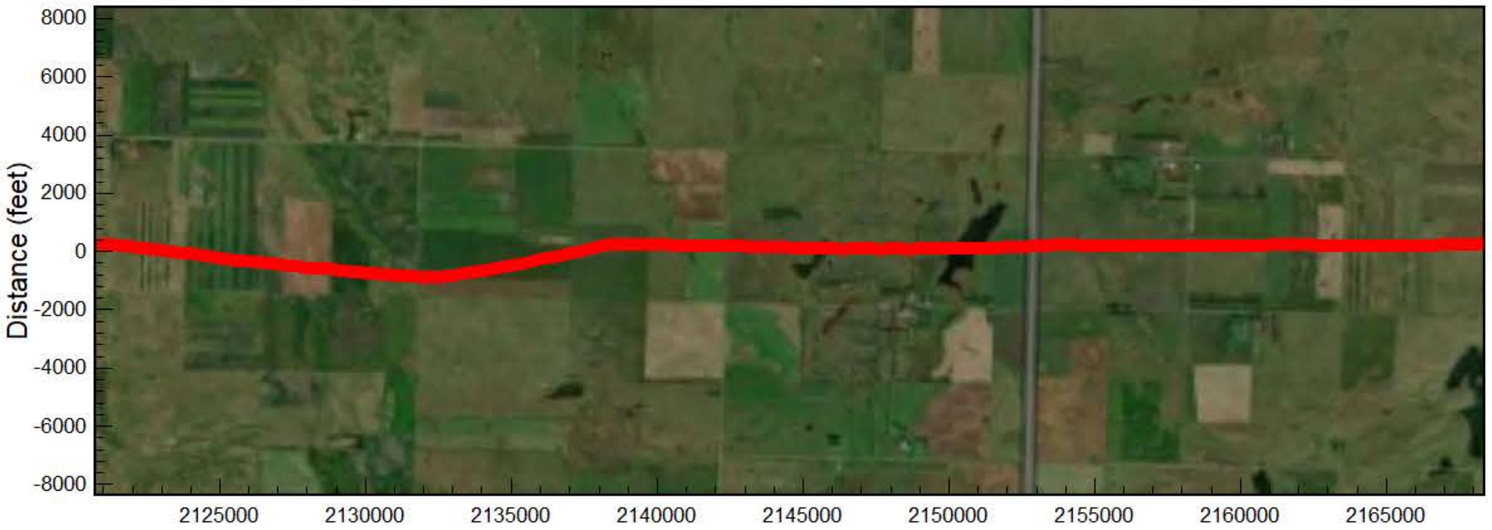


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

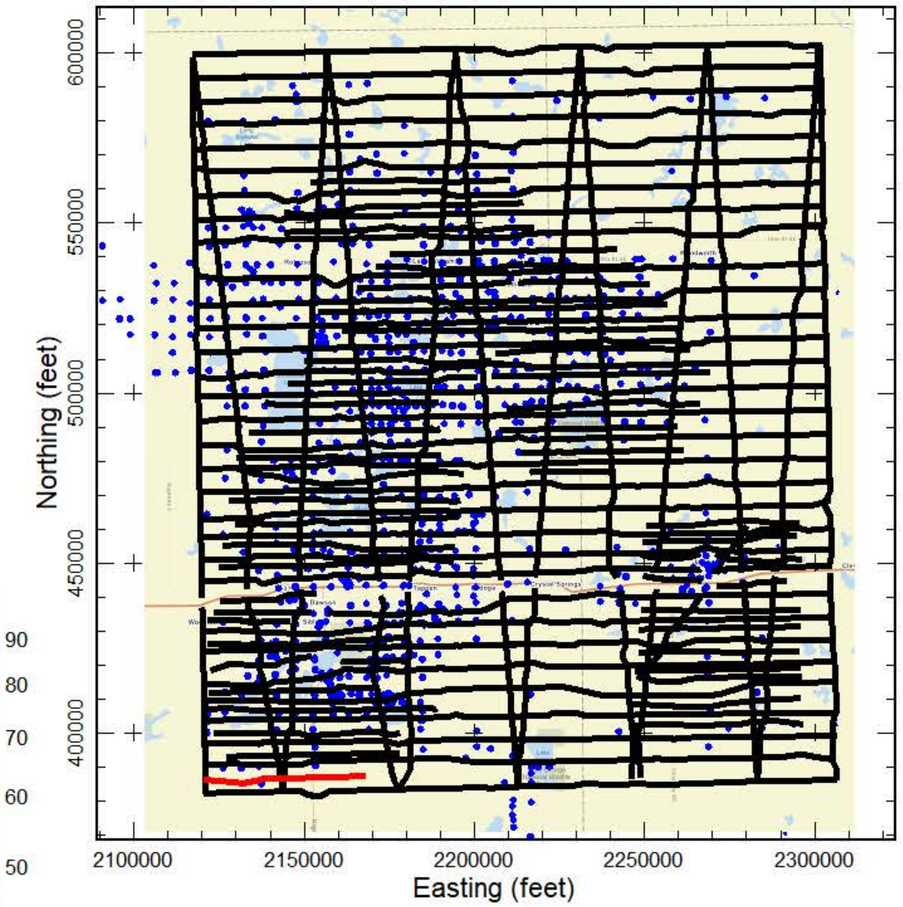


AGF
Aqua Geo Frameworks

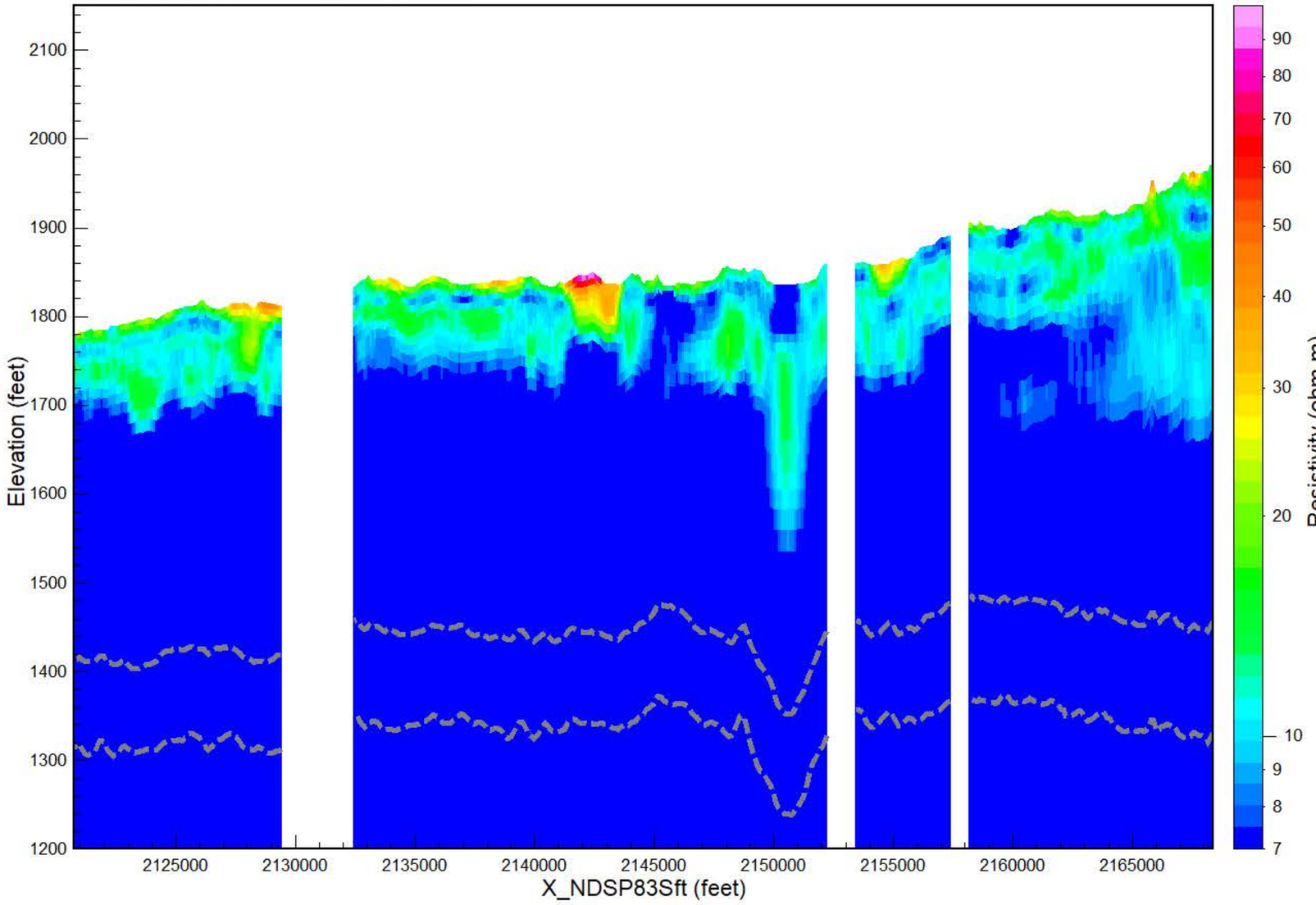
Flight Location Line L502611



AEM Survey Area 1



Final SCI Resistivity Line L502611



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

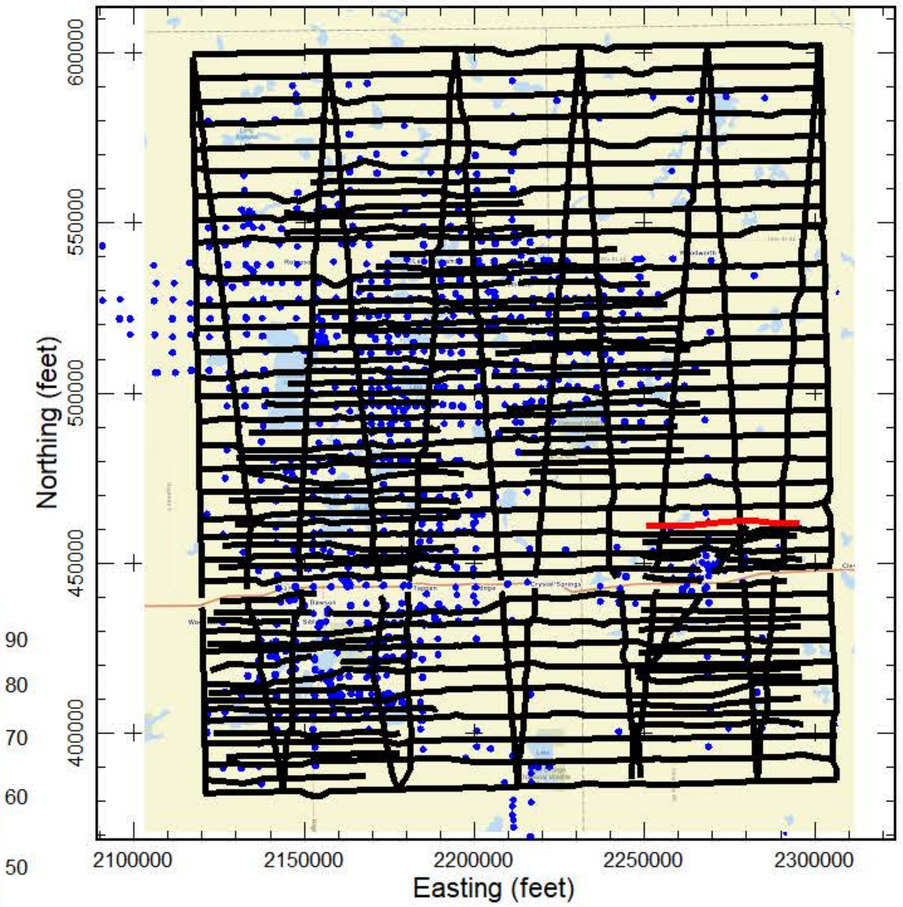
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

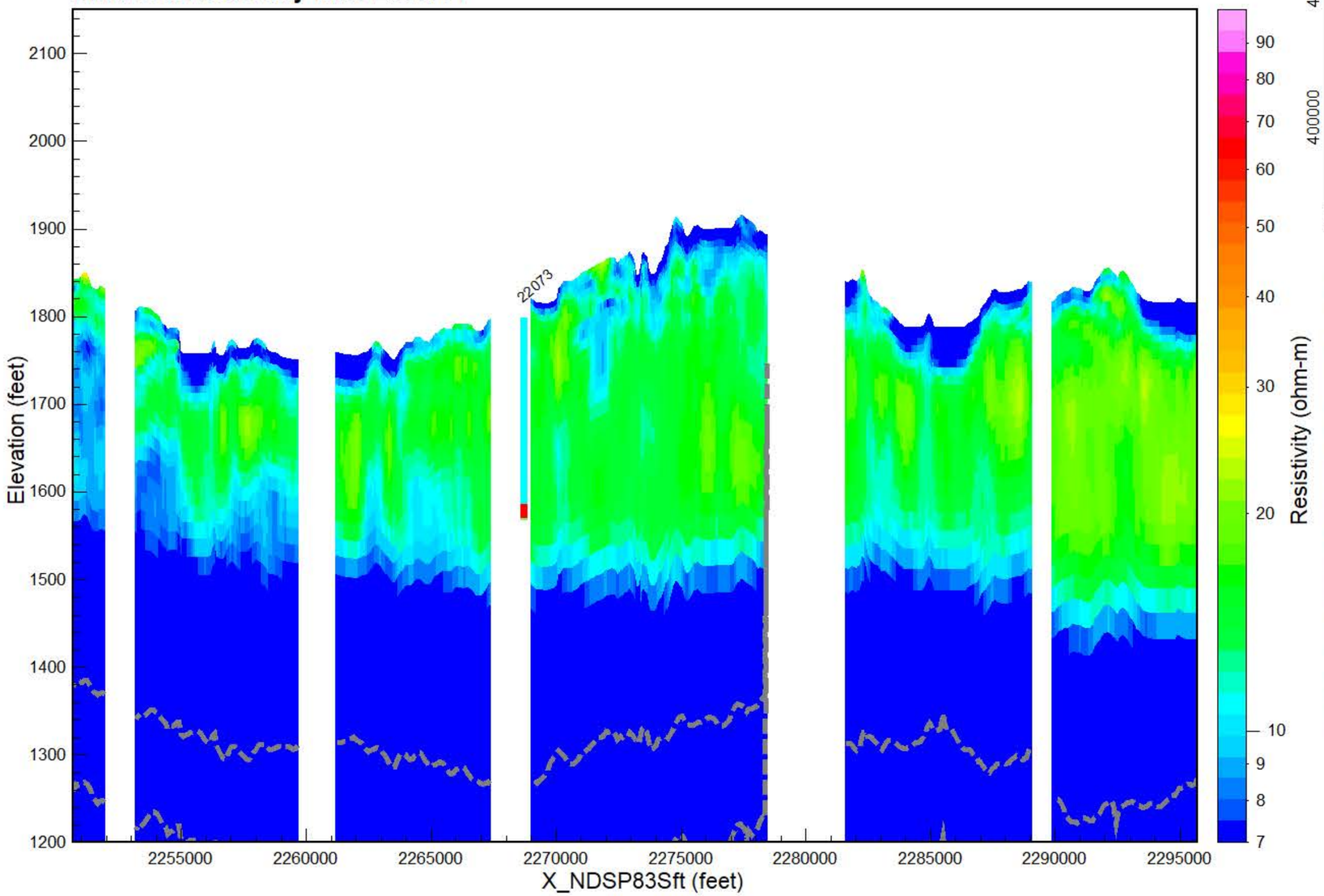
Flight Location Line L502701



AEM Survey Area 1



Final SCI Resistivity Line L502701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

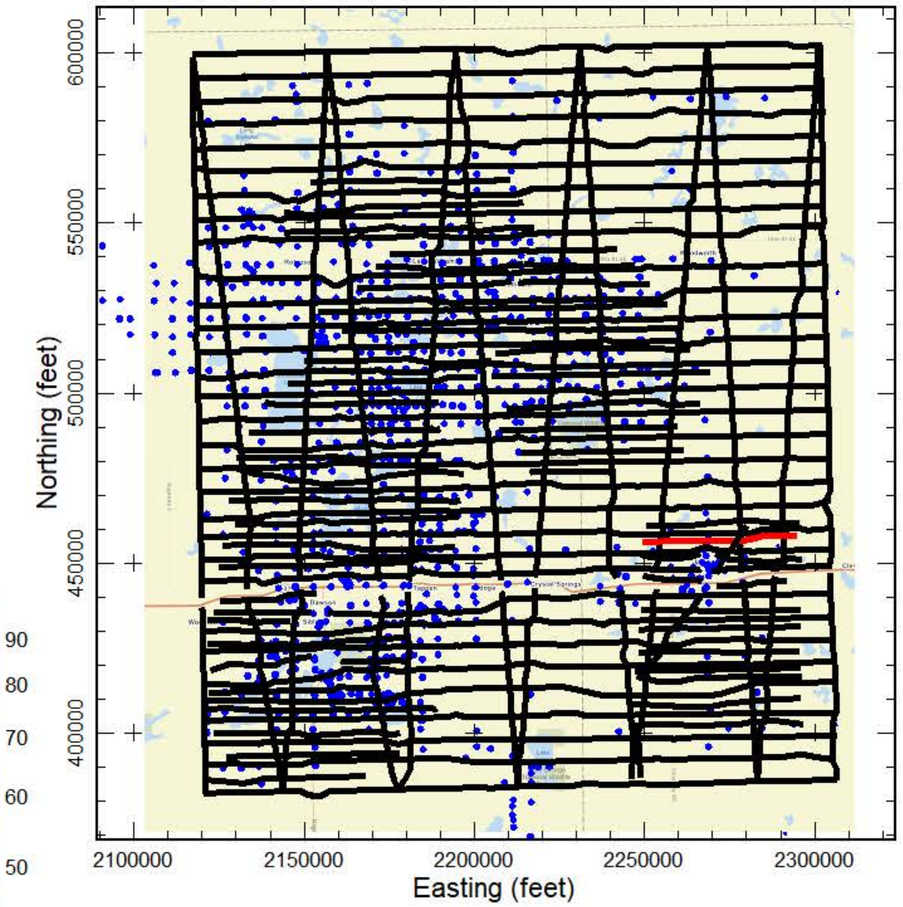
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

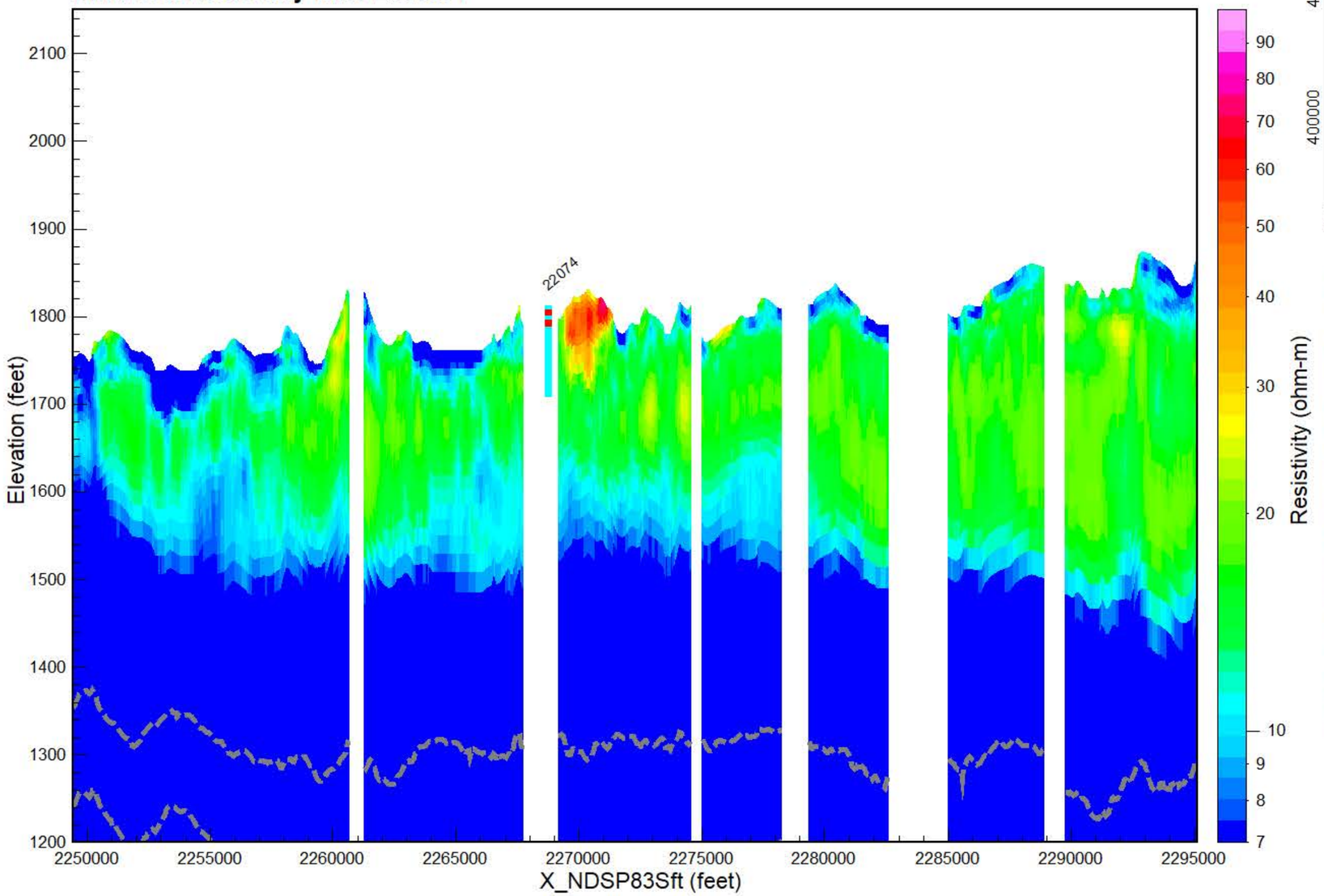
Flight Location Line L502801



AEM Survey Area 1



Final SCI Resistivity Line L502801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

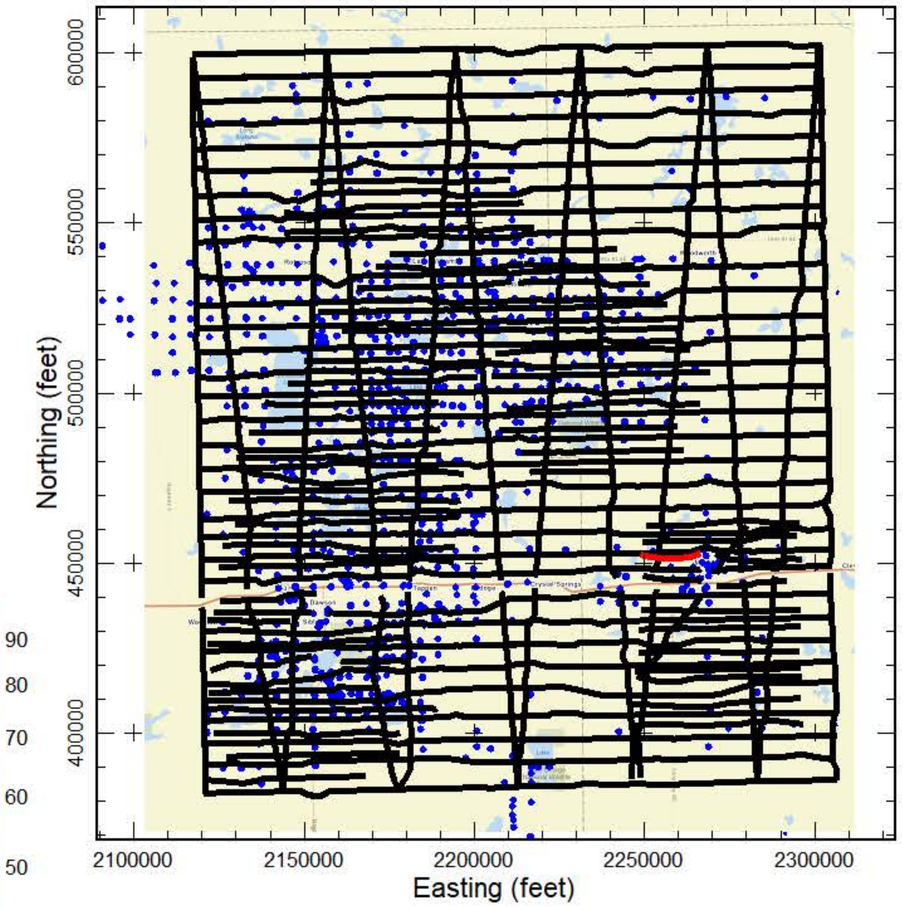
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

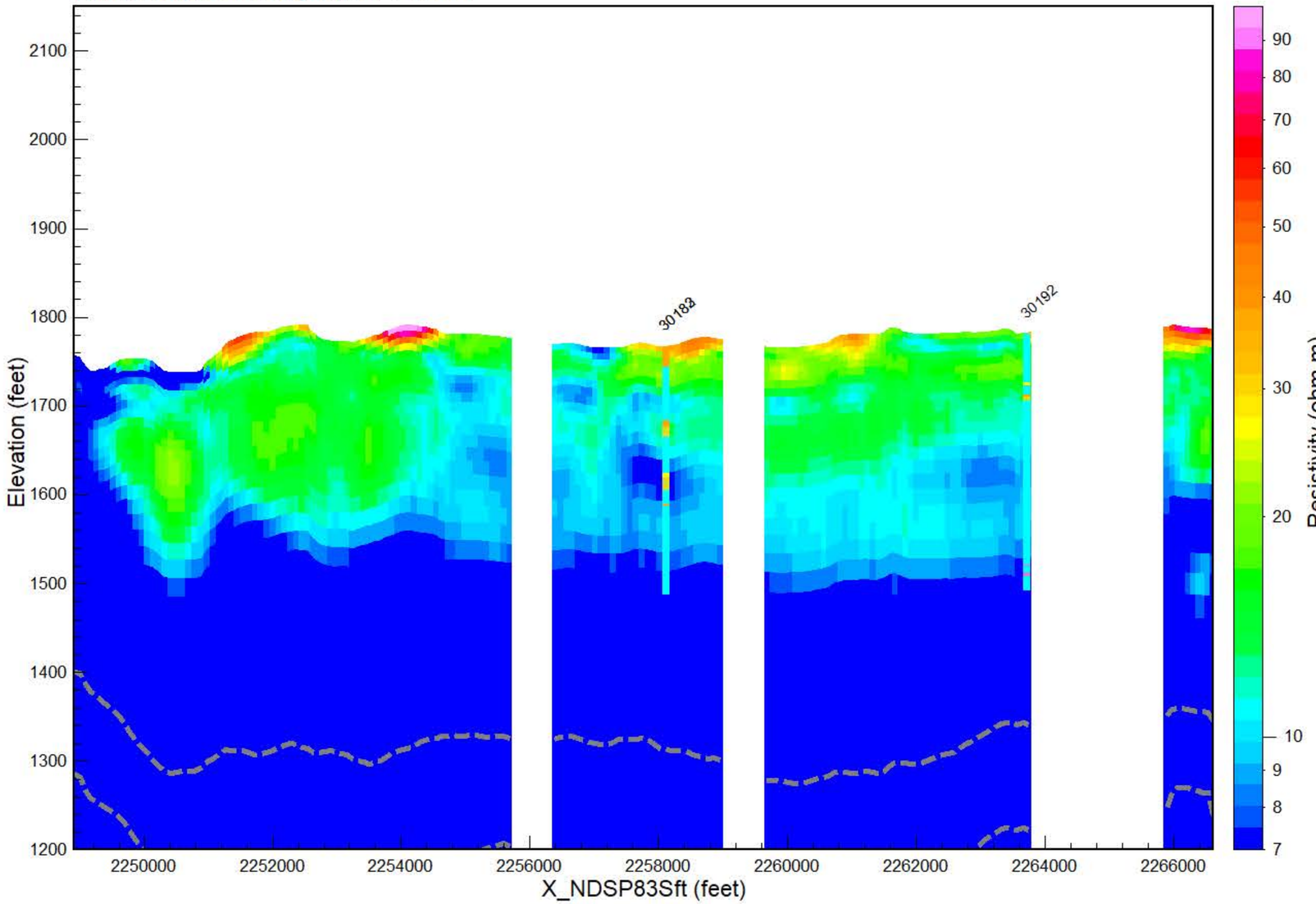
Flight Location Line L502901



AEM Survey Area 1



Final SCI Resistivity Line L502901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

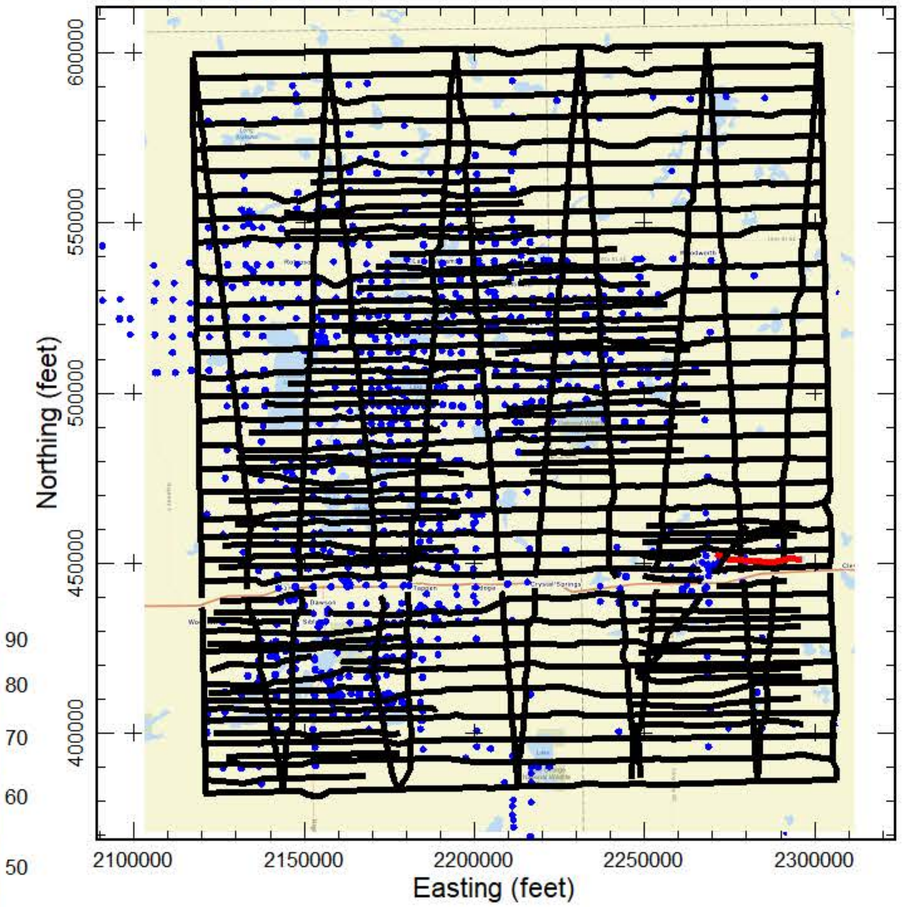
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

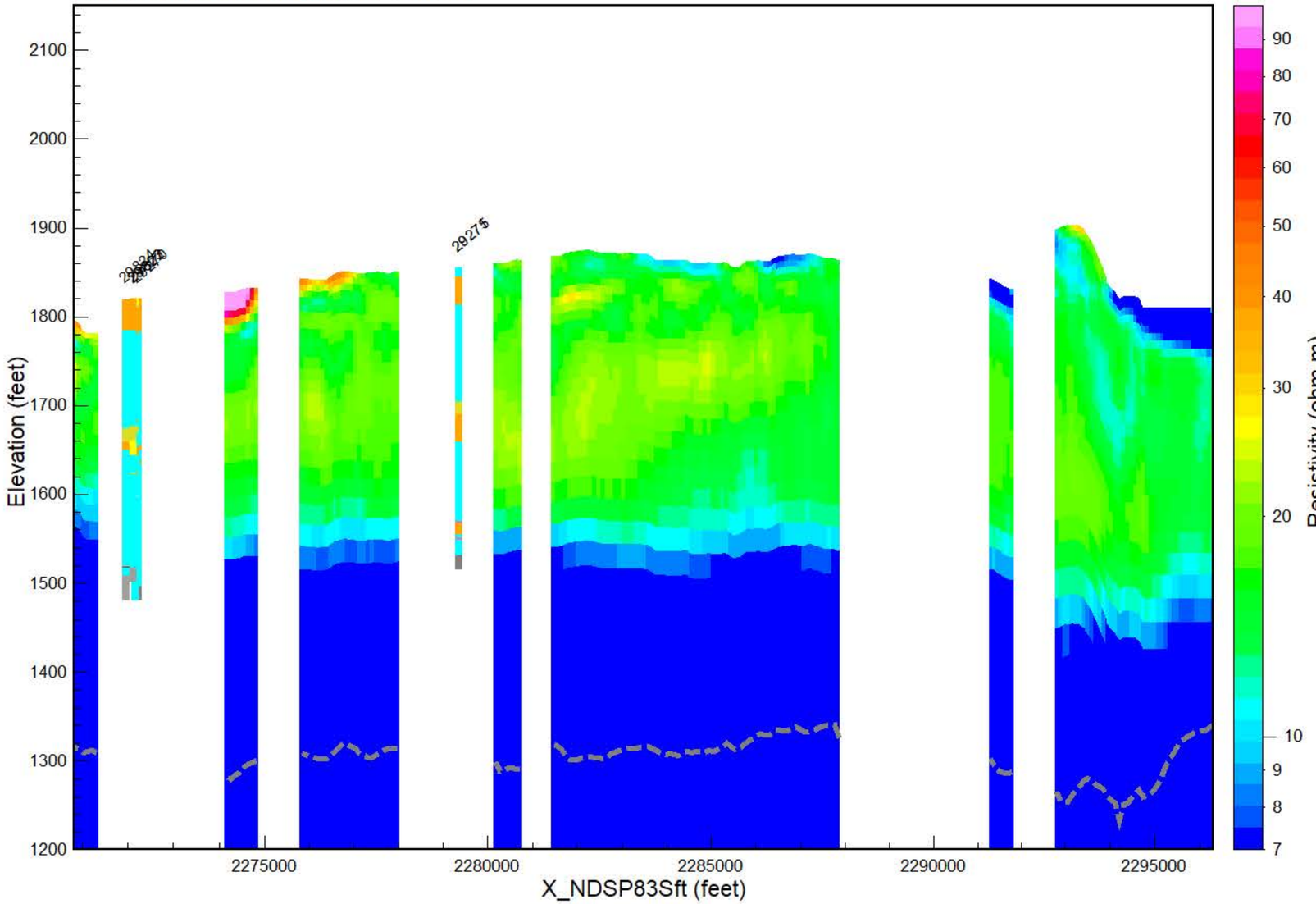
Flight Location Line L503001



AEM Survey Area 1



Final SCI Resistivity Line L503001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

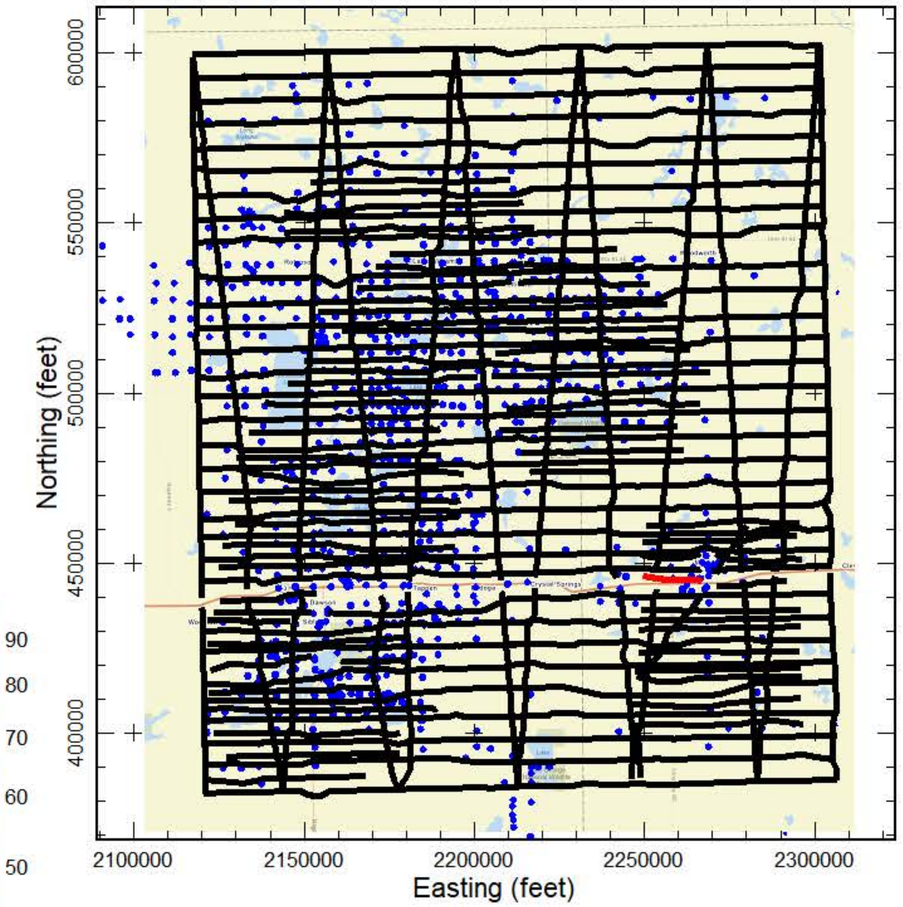
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

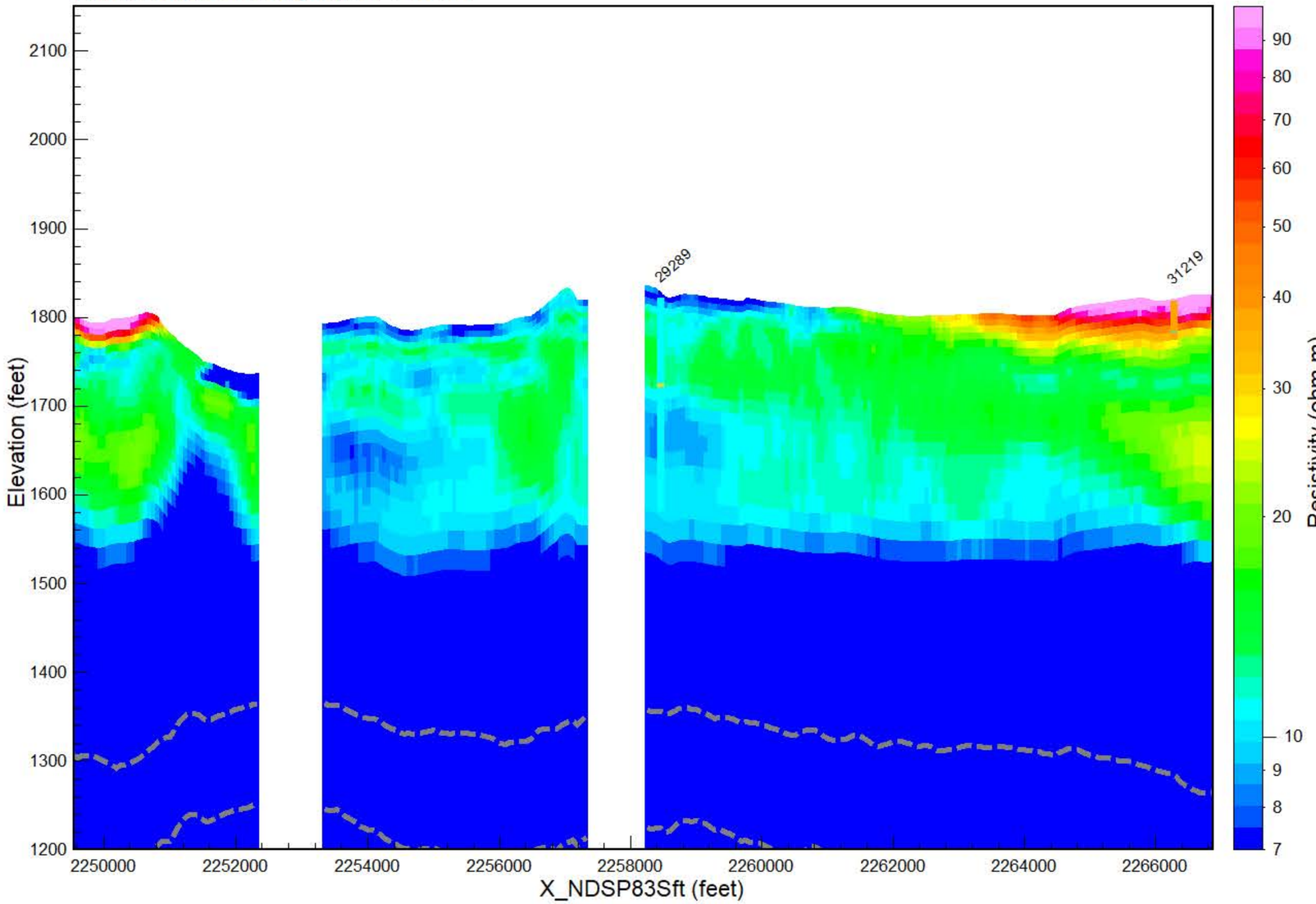
Flight Location Line L503101



AEM Survey Area 1



Final SCI Resistivity Line L503101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

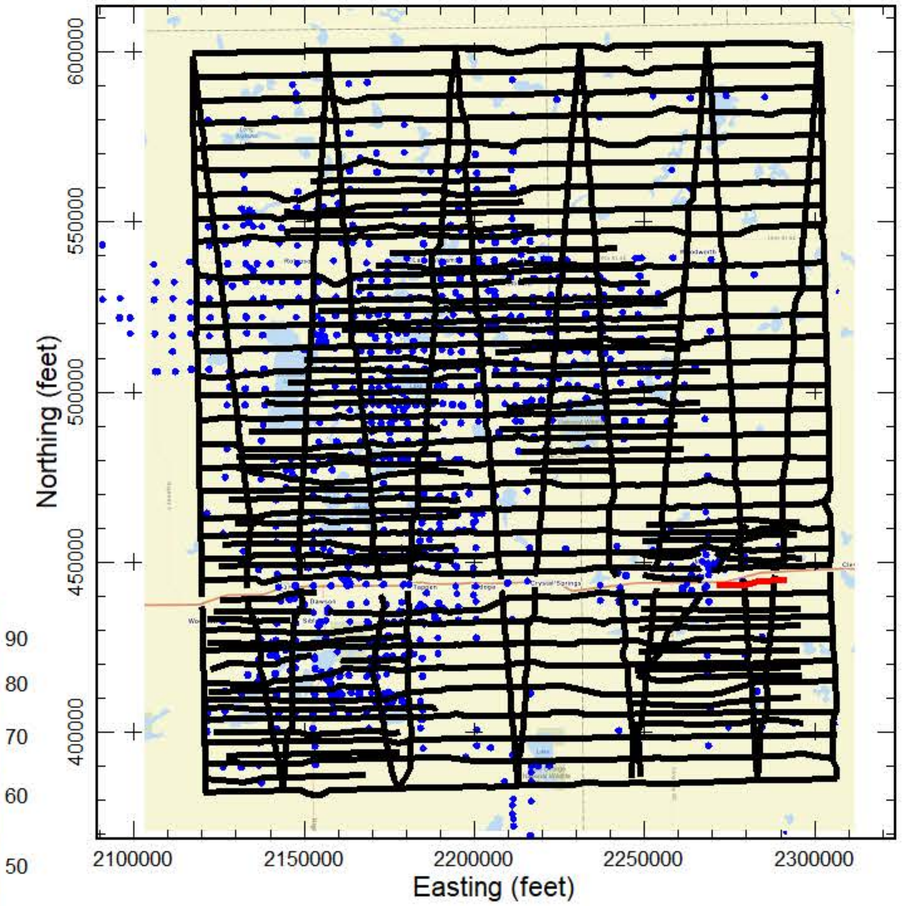
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

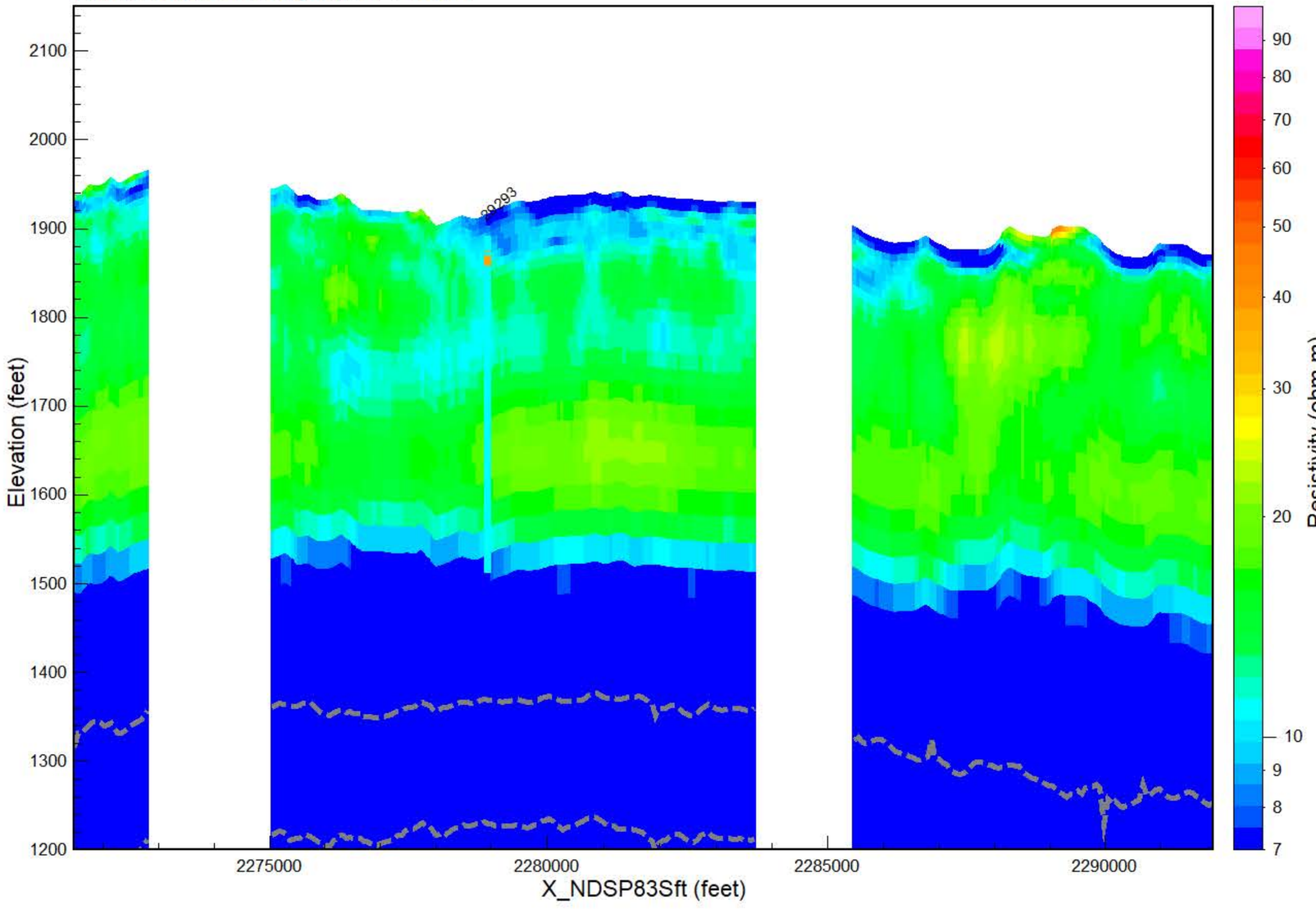
Flight Location Line L503201



AEM Survey Area 1



Final SCI Resistivity Line L503201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

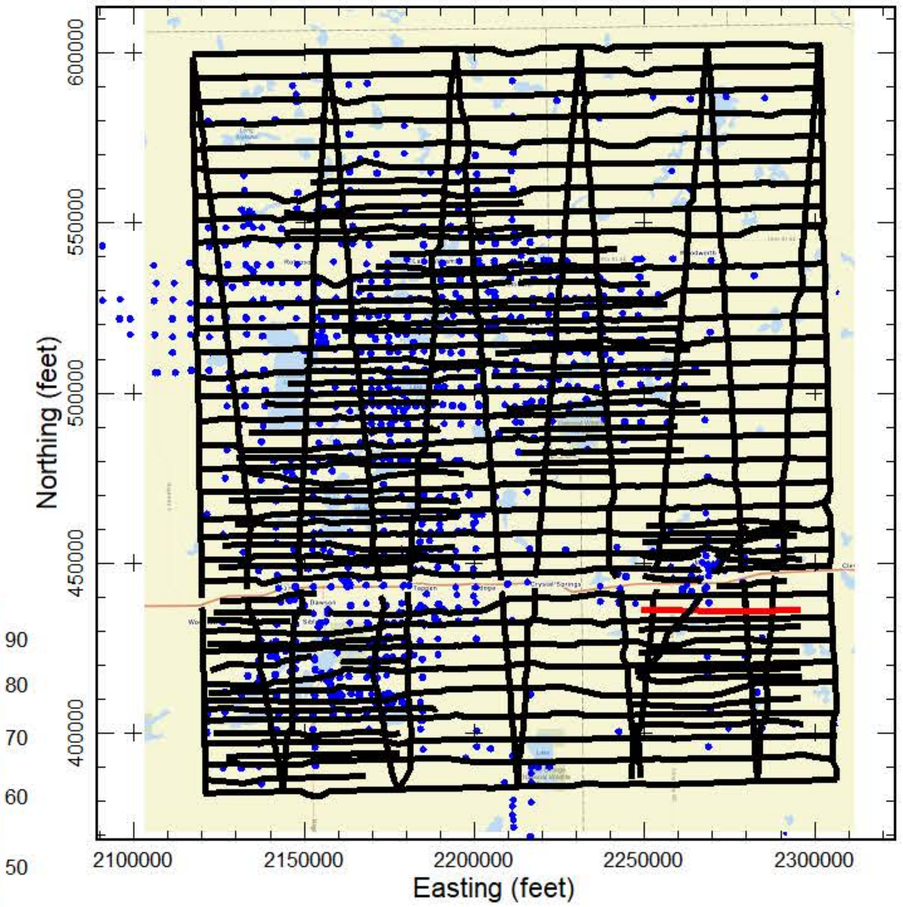
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

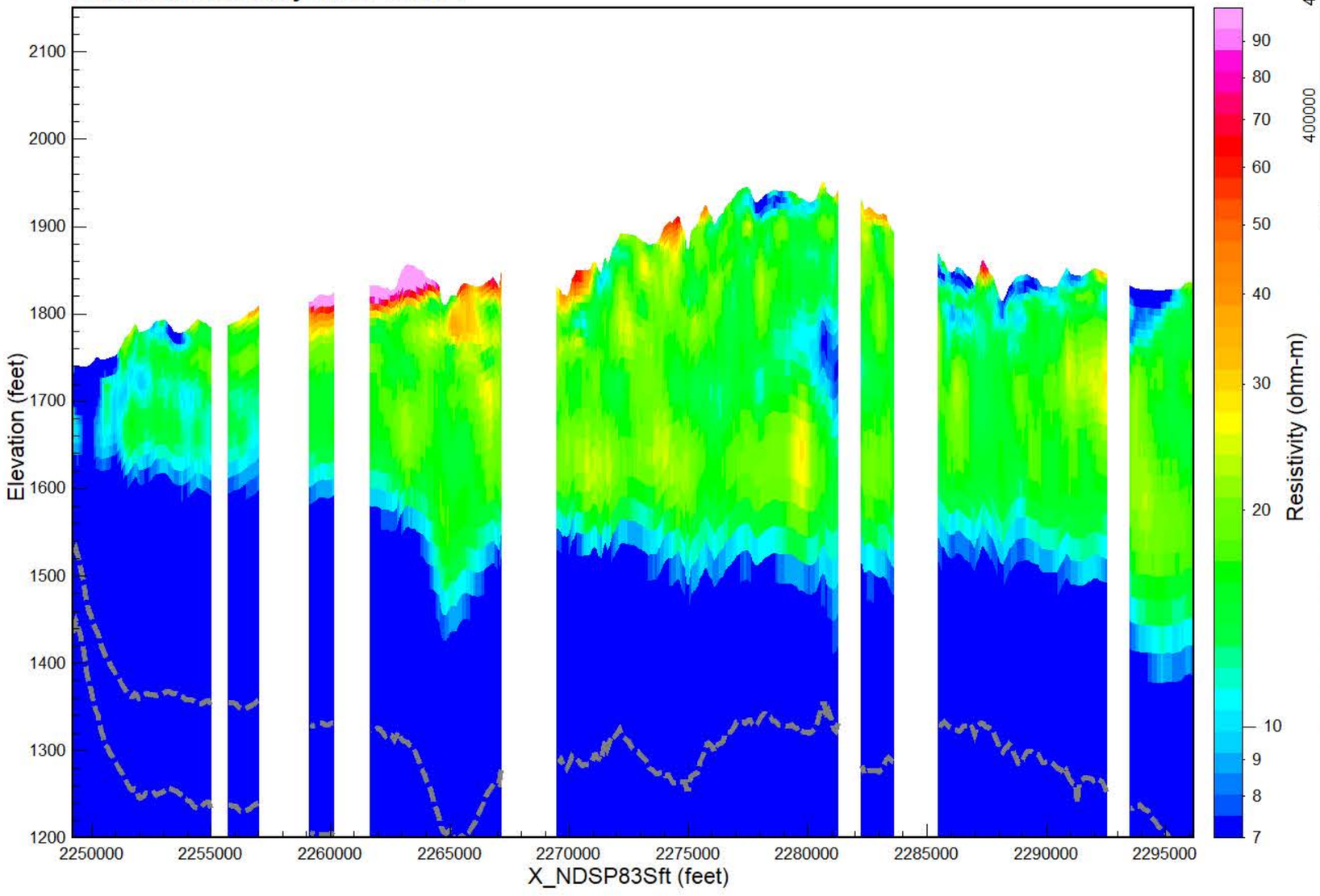
Flight Location Line L503301



AEM Survey Area 1



Final SCI Resistivity Line L503301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

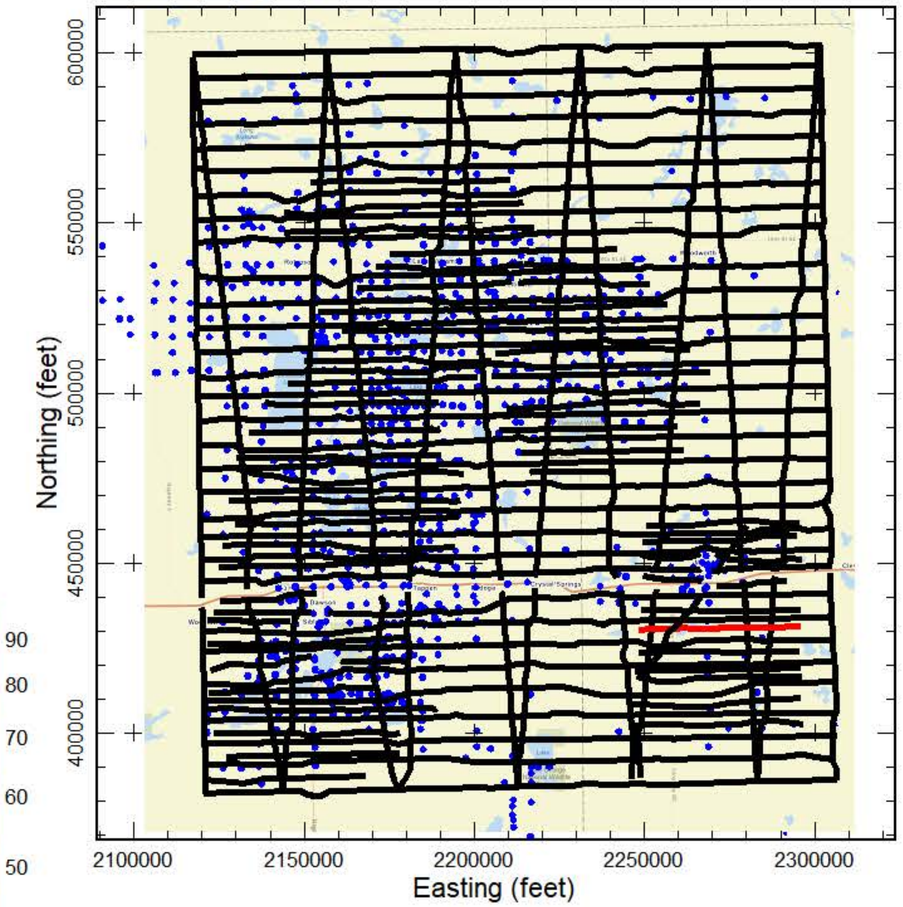
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

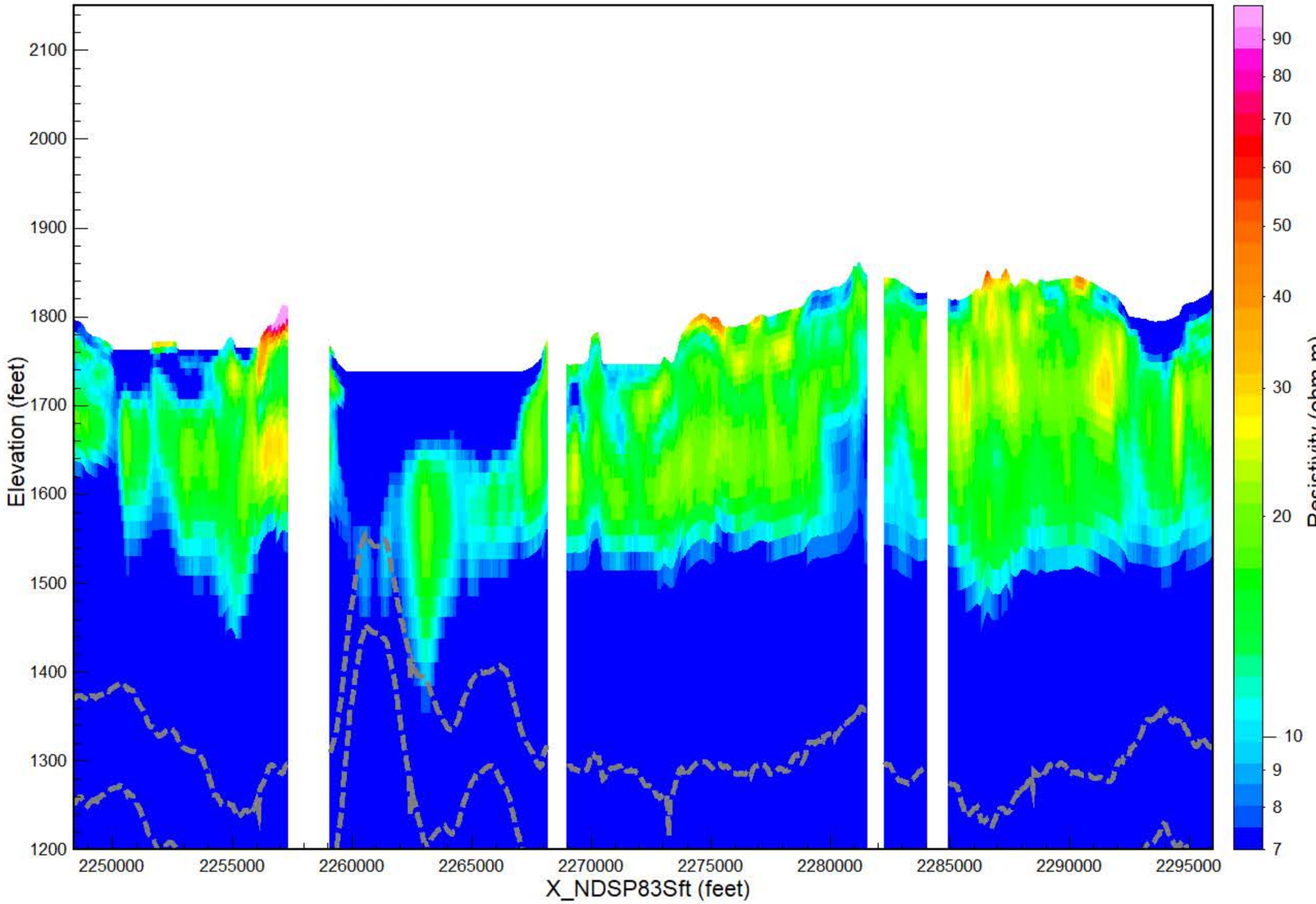
Flight Location Line L503401



AEM Survey Area 1



Final SCI Resistivity Line L503401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

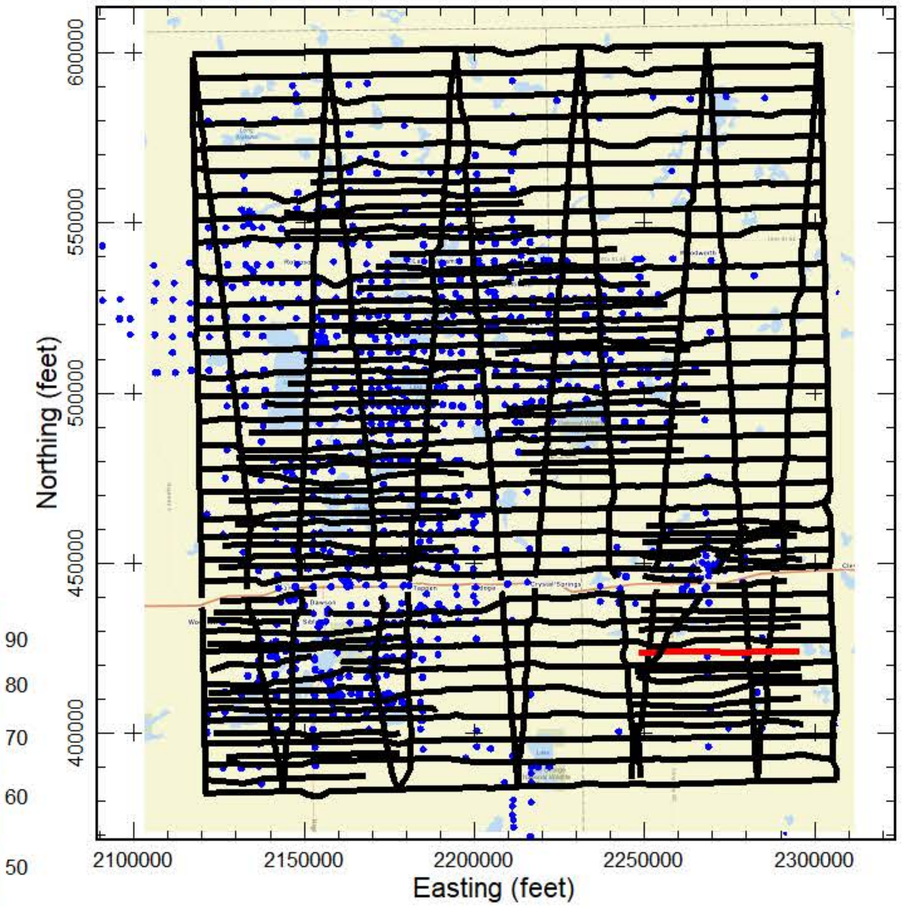
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

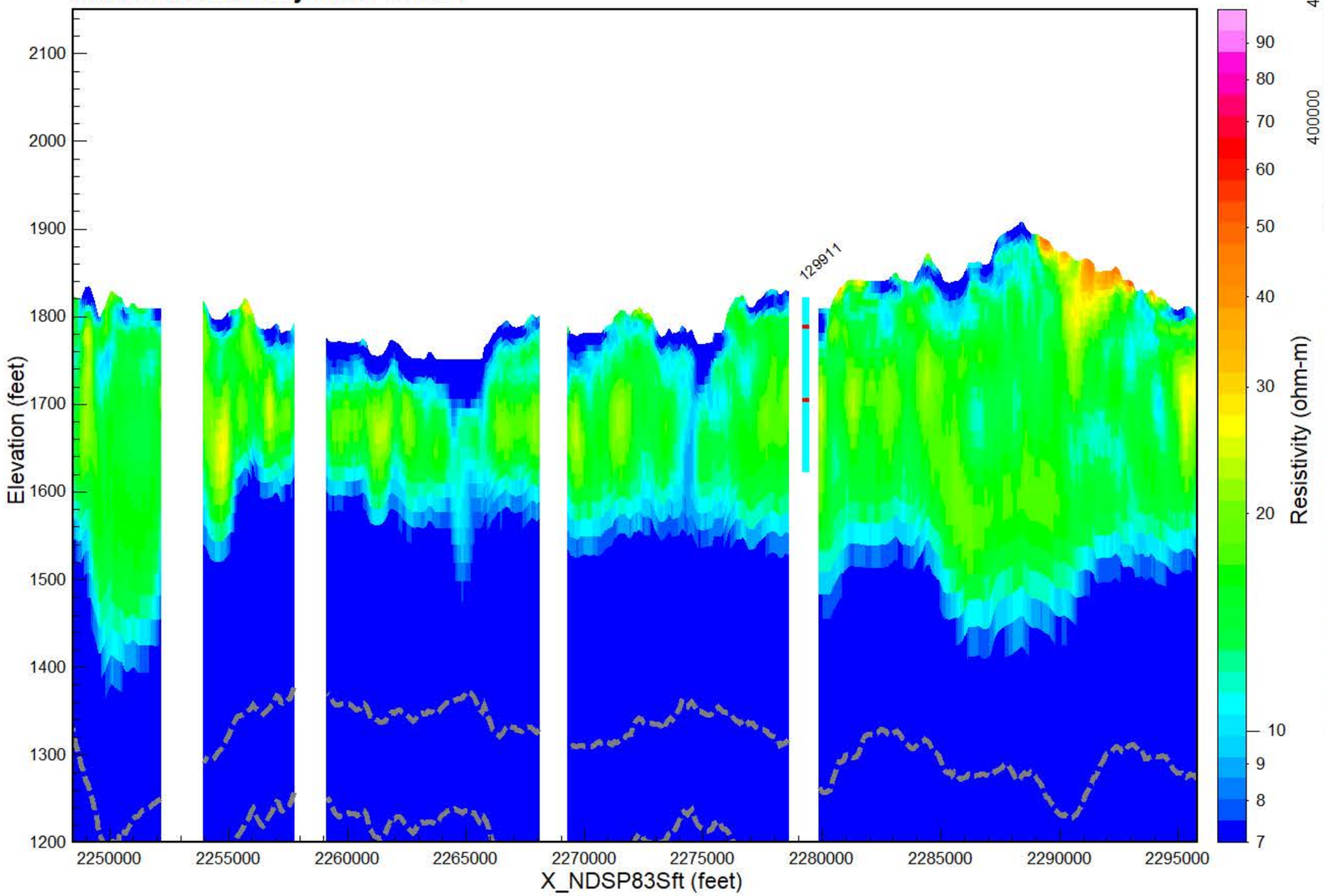
Flight Location Line L503501



AEM Survey Area 1



Final SCI Resistivity Line L503501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

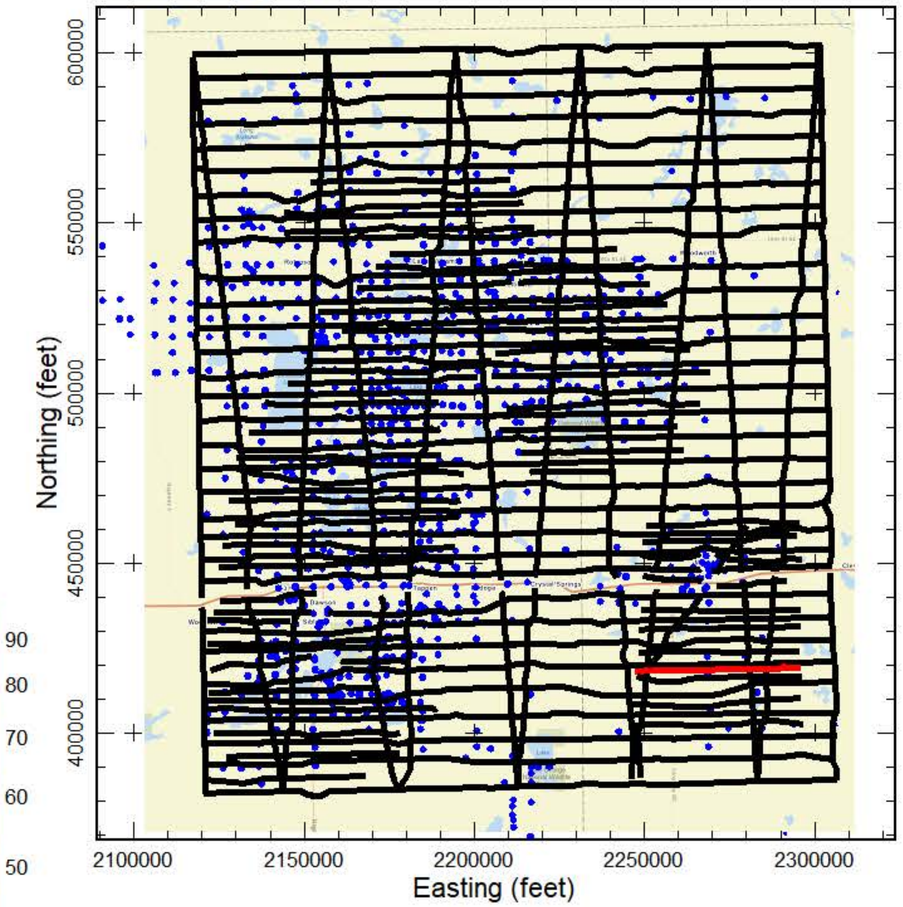
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

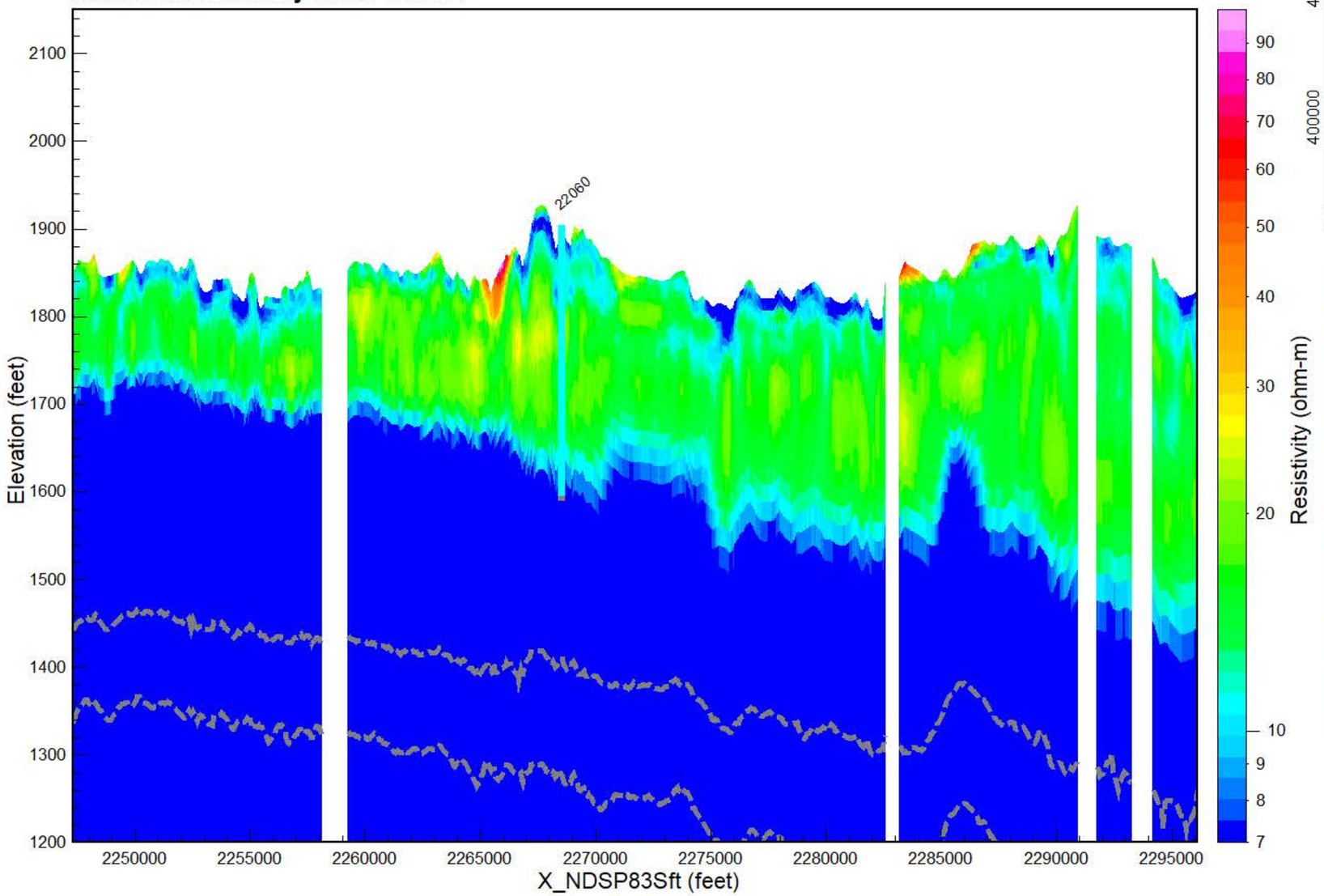
Flight Location Line L503601



AEM Survey Area 1



Final SCI Resistivity Line L503601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

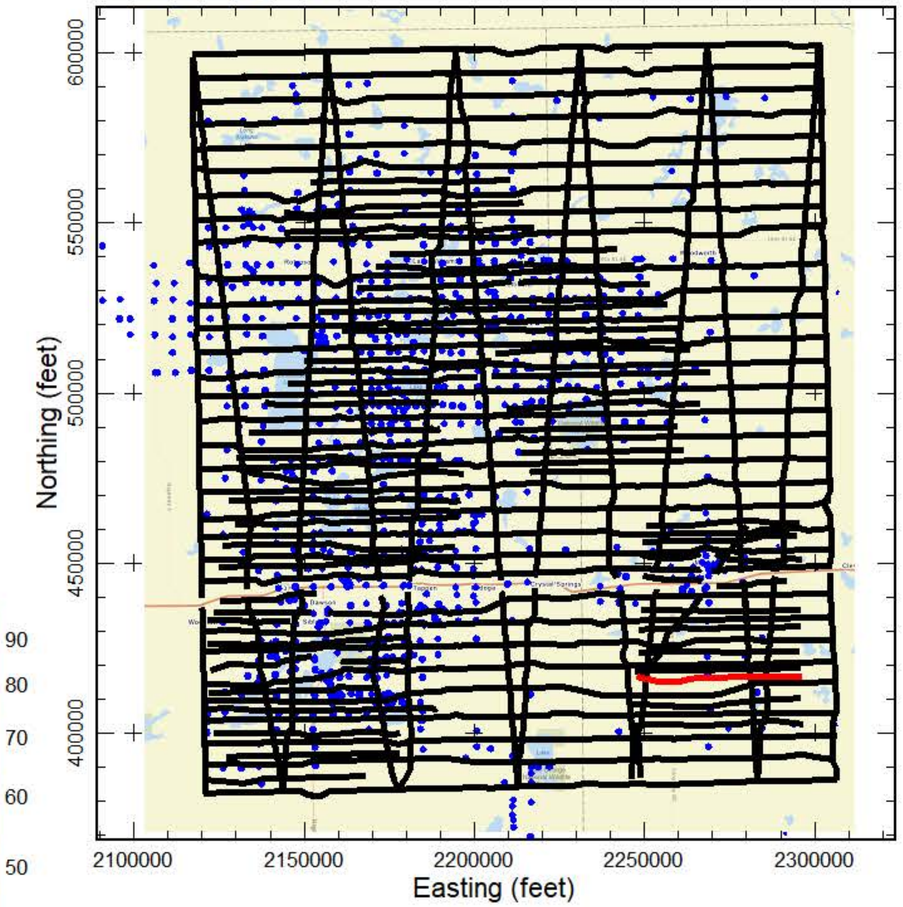
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

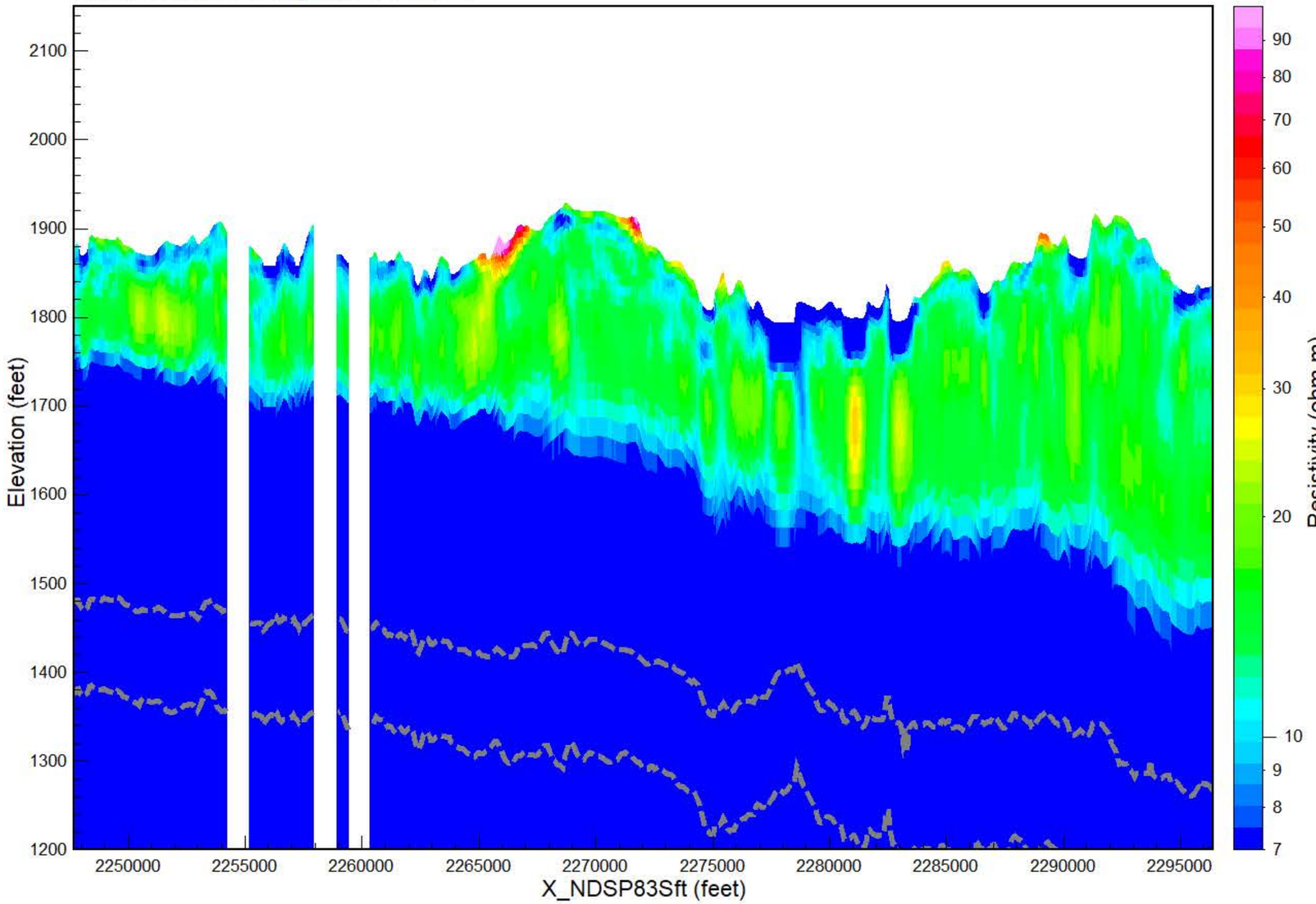
Flight Location Line L503701



AEM Survey Area 1



Final SCI Resistivity Line L503701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

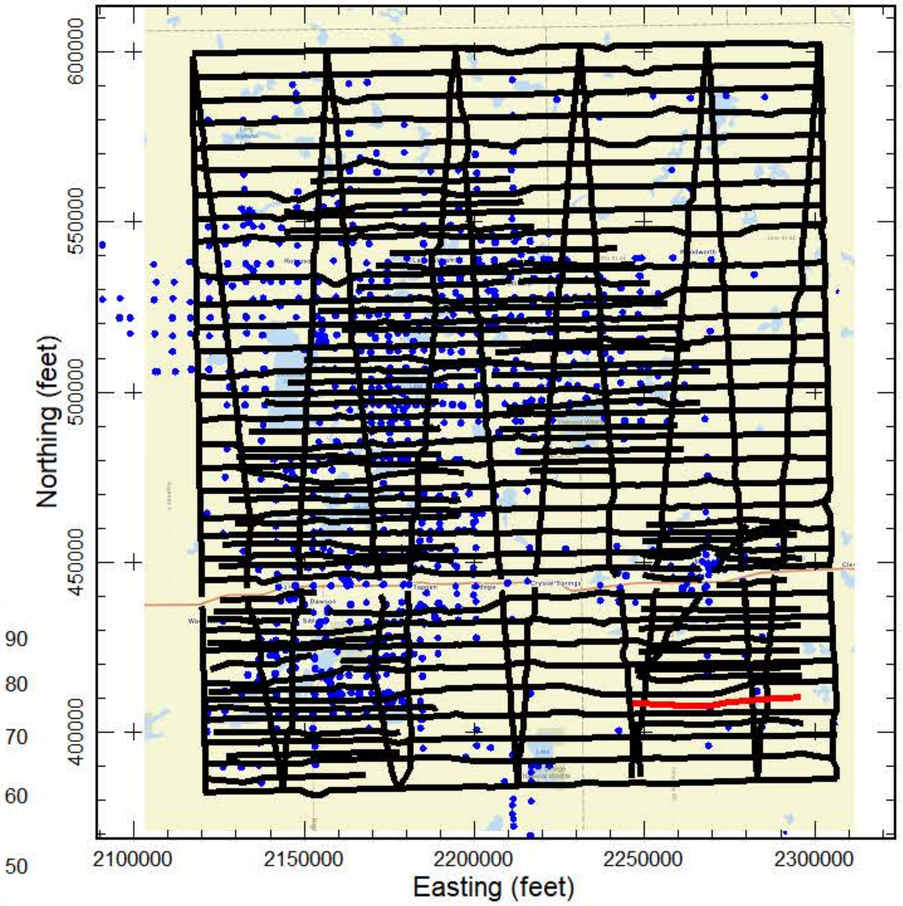
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

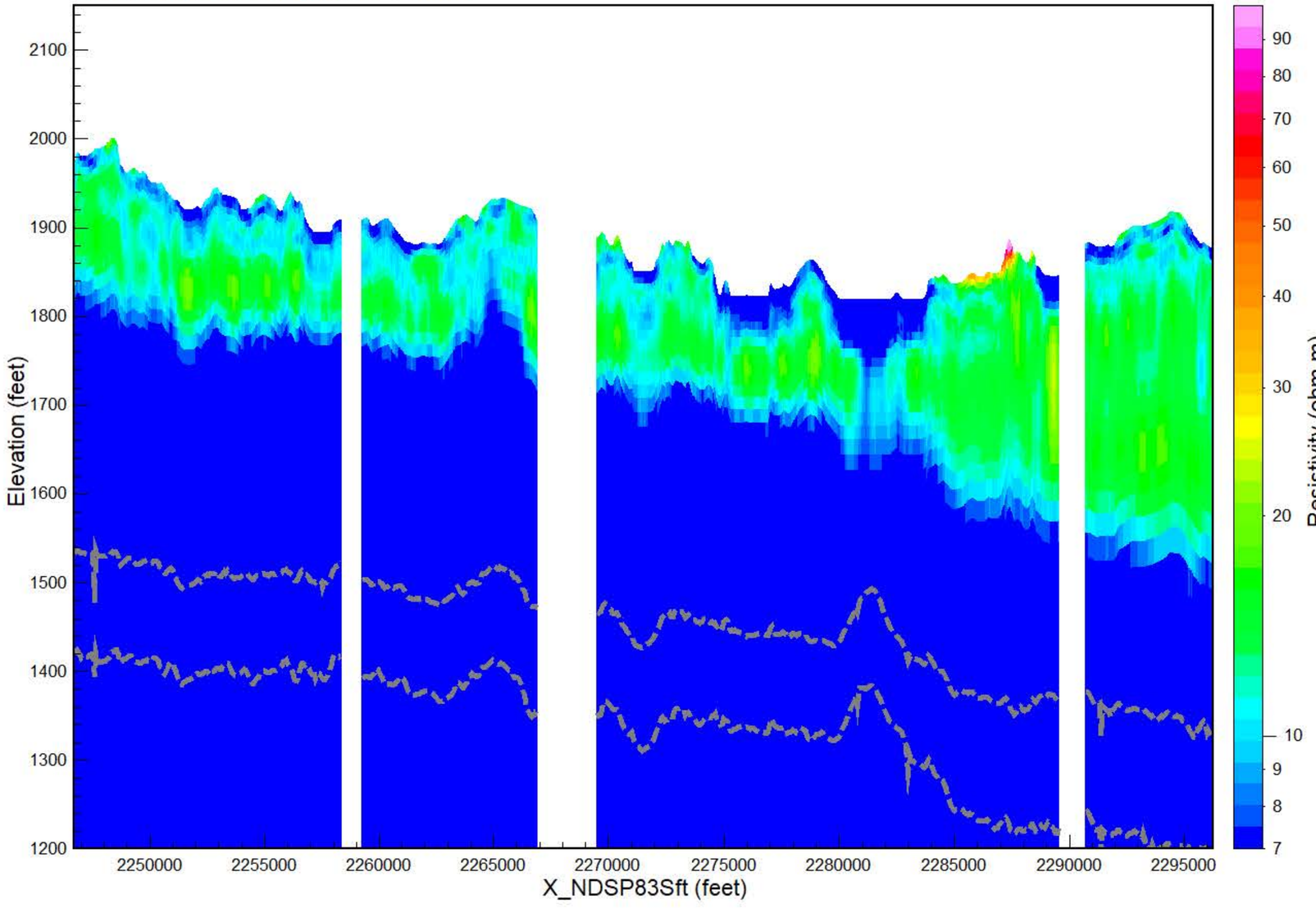
Flight Location Line L503801



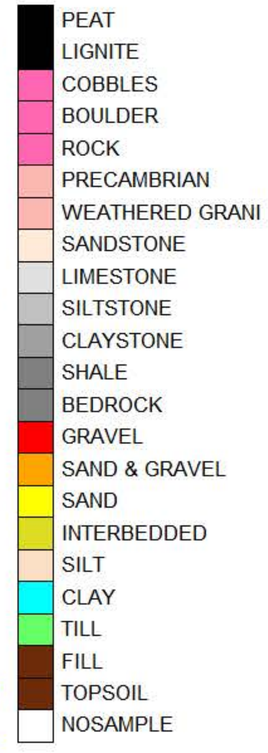
AEM Survey Area 1



Final SCI Resistivity Line L503801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

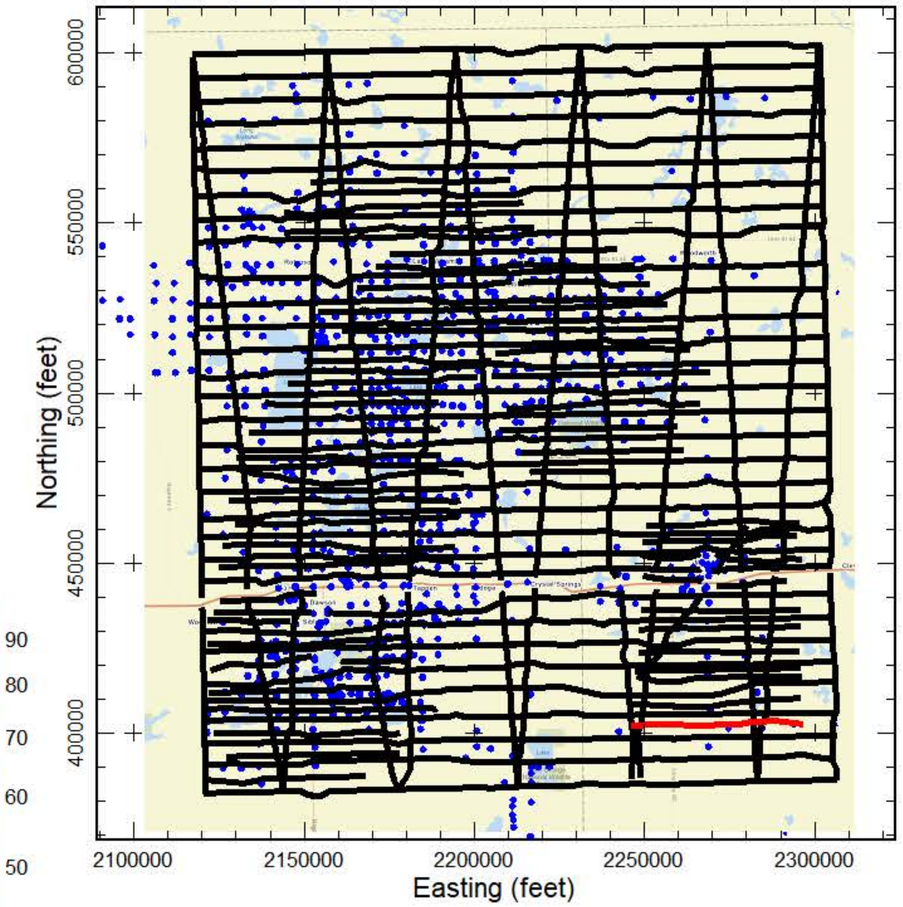


AGF
Aqua Geo Frameworks

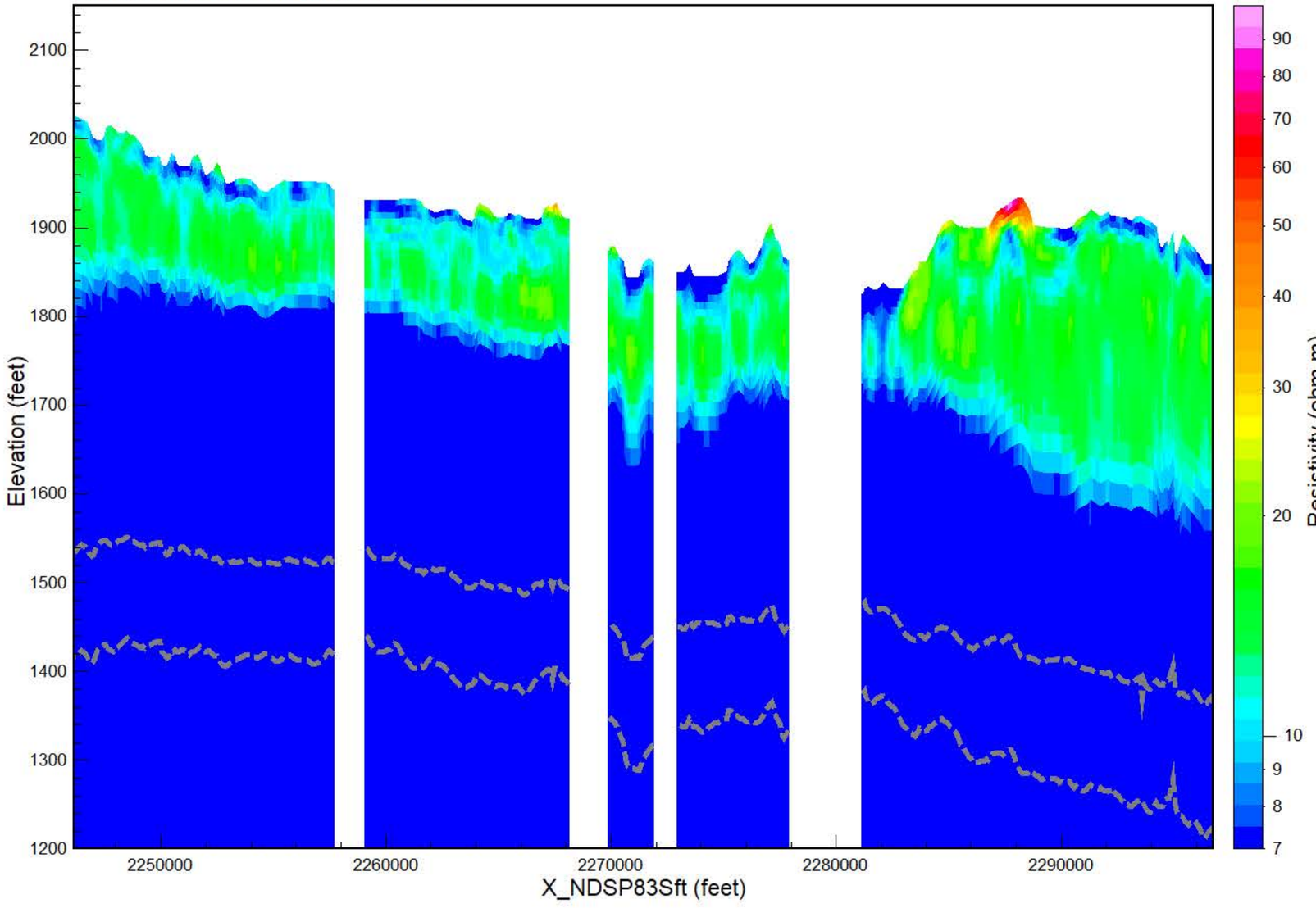
Flight Location Line L503901



AEM Survey Area 1



Final SCI Resistivity Line L503901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

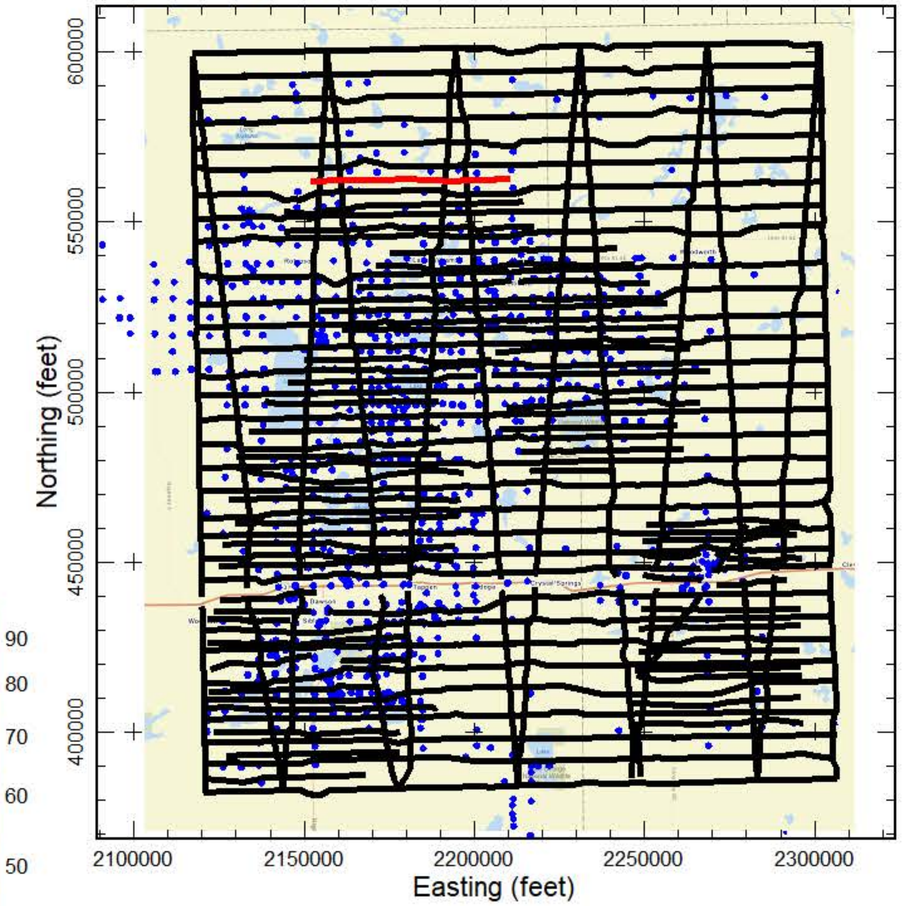
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

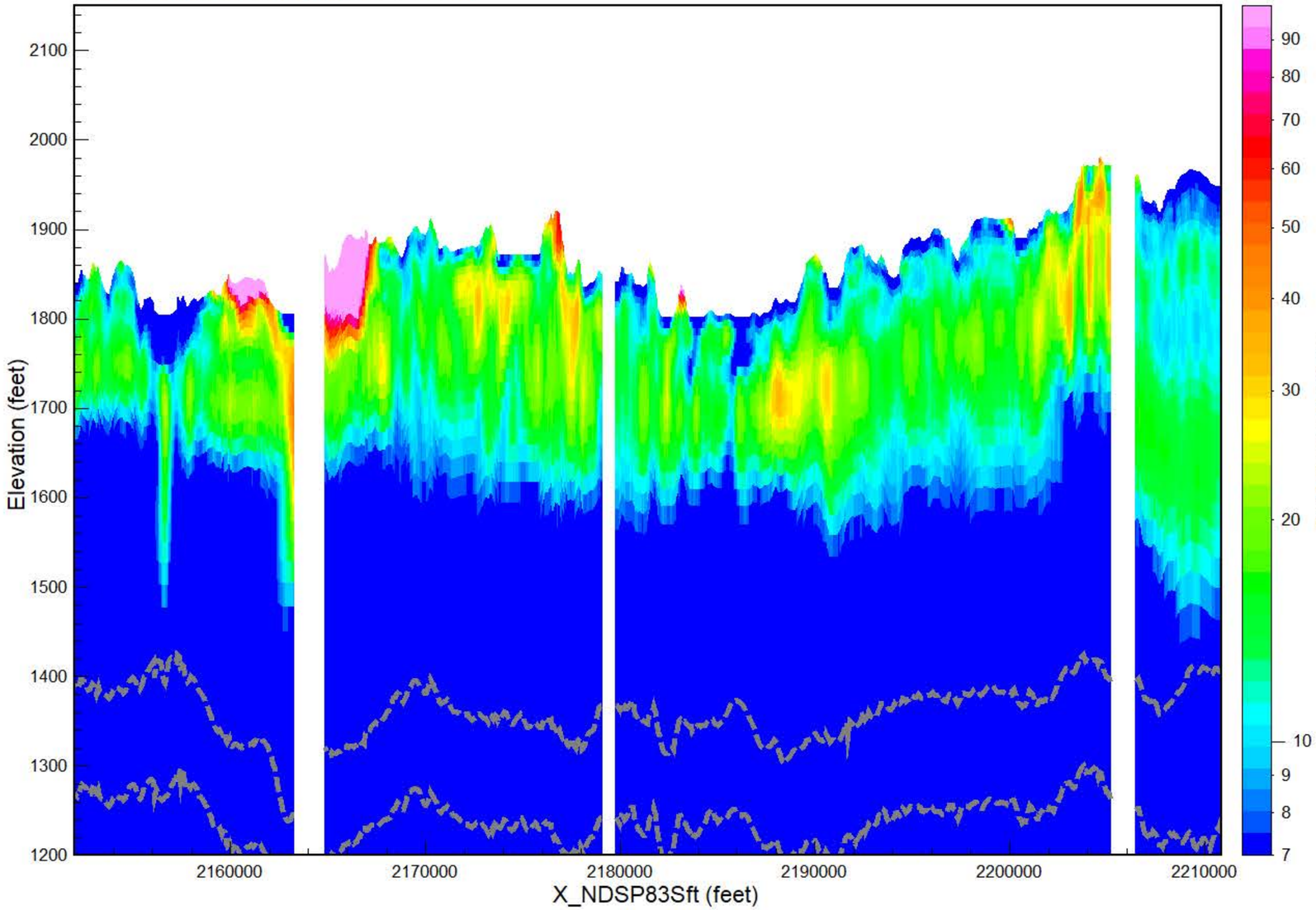
Flight Location Line L504001



AEM Survey Area 1



Final SCI Resistivity Line L504001

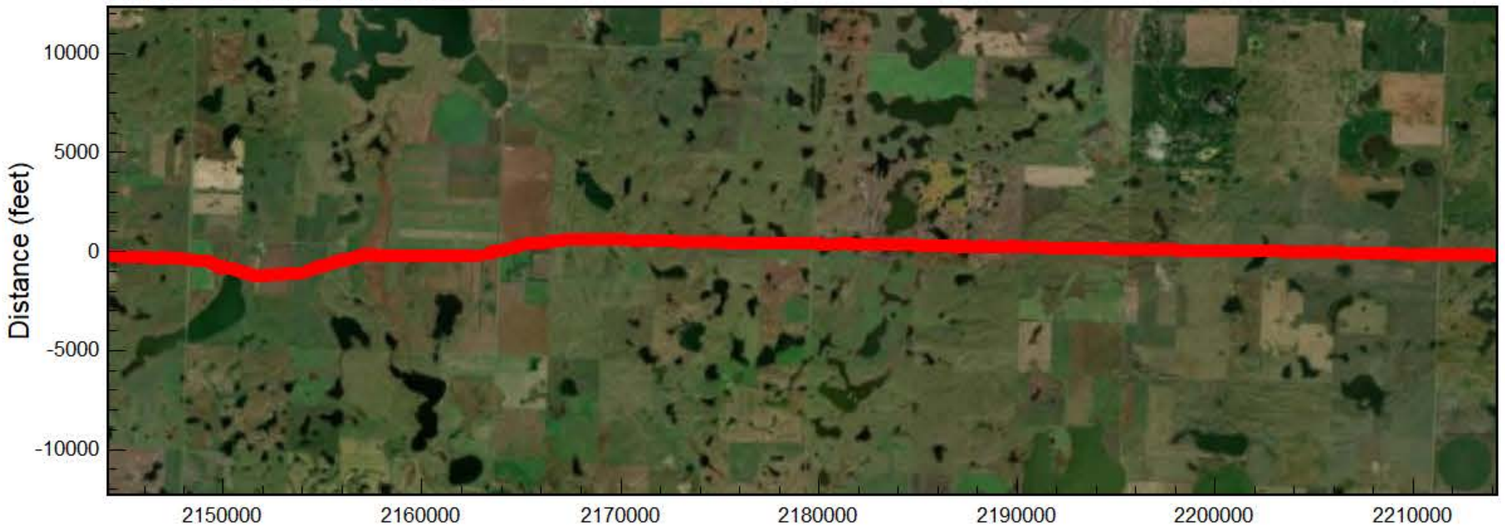


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

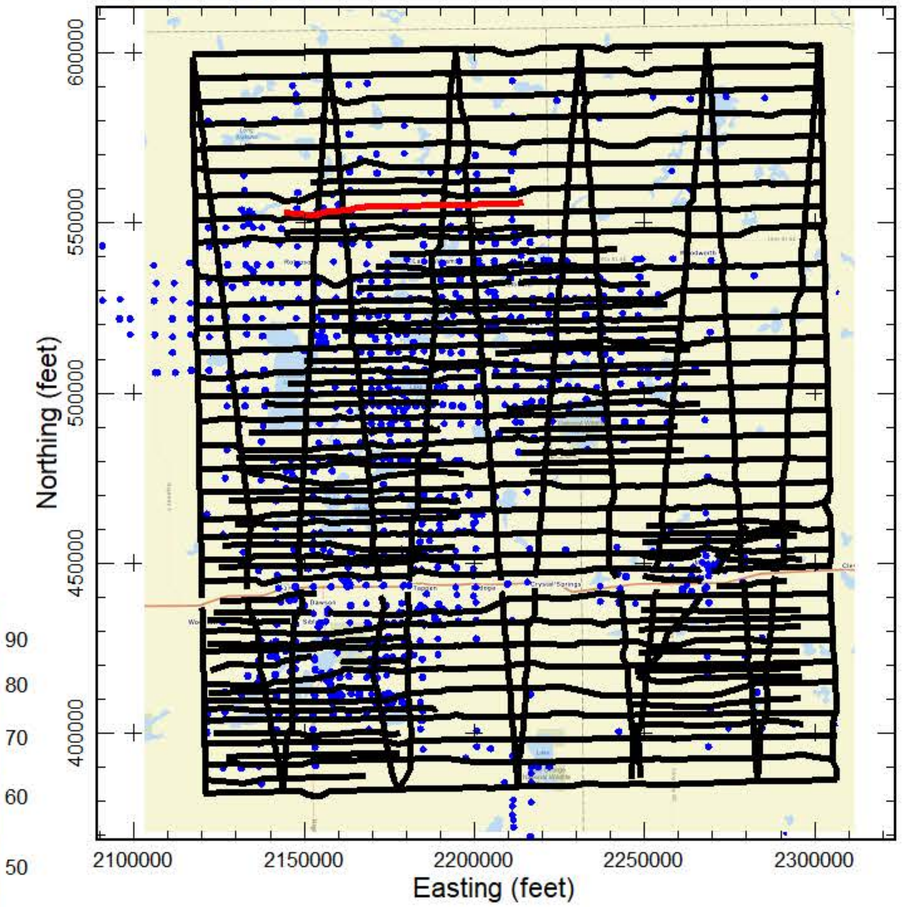
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

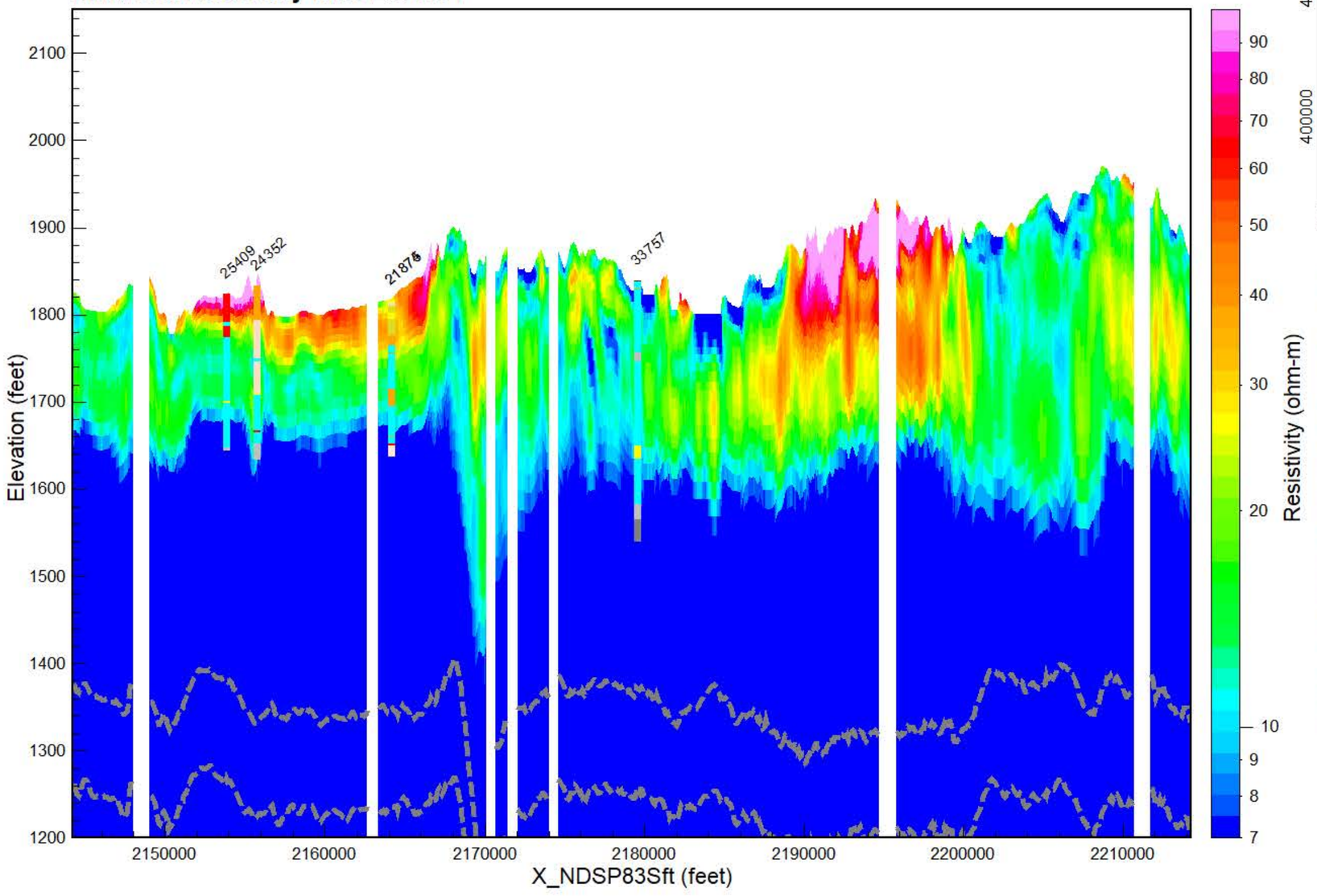
Flight Location Line L504101



AEM Survey Area 1



Final SCI Resistivity Line L504101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

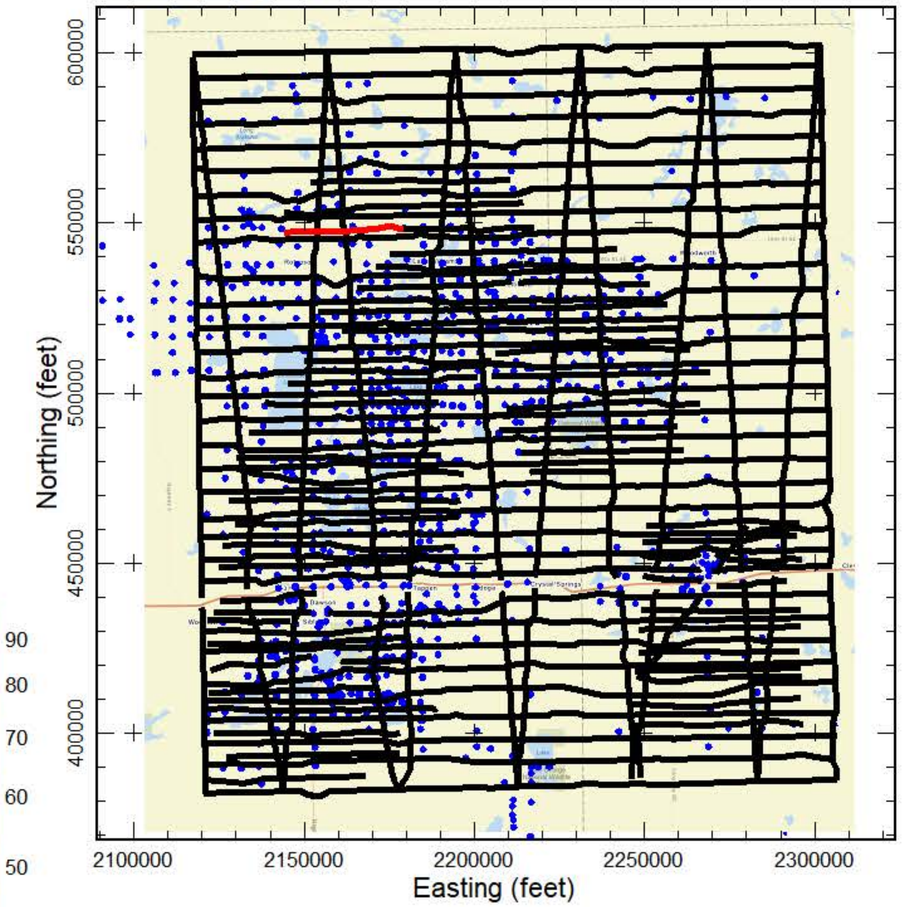
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

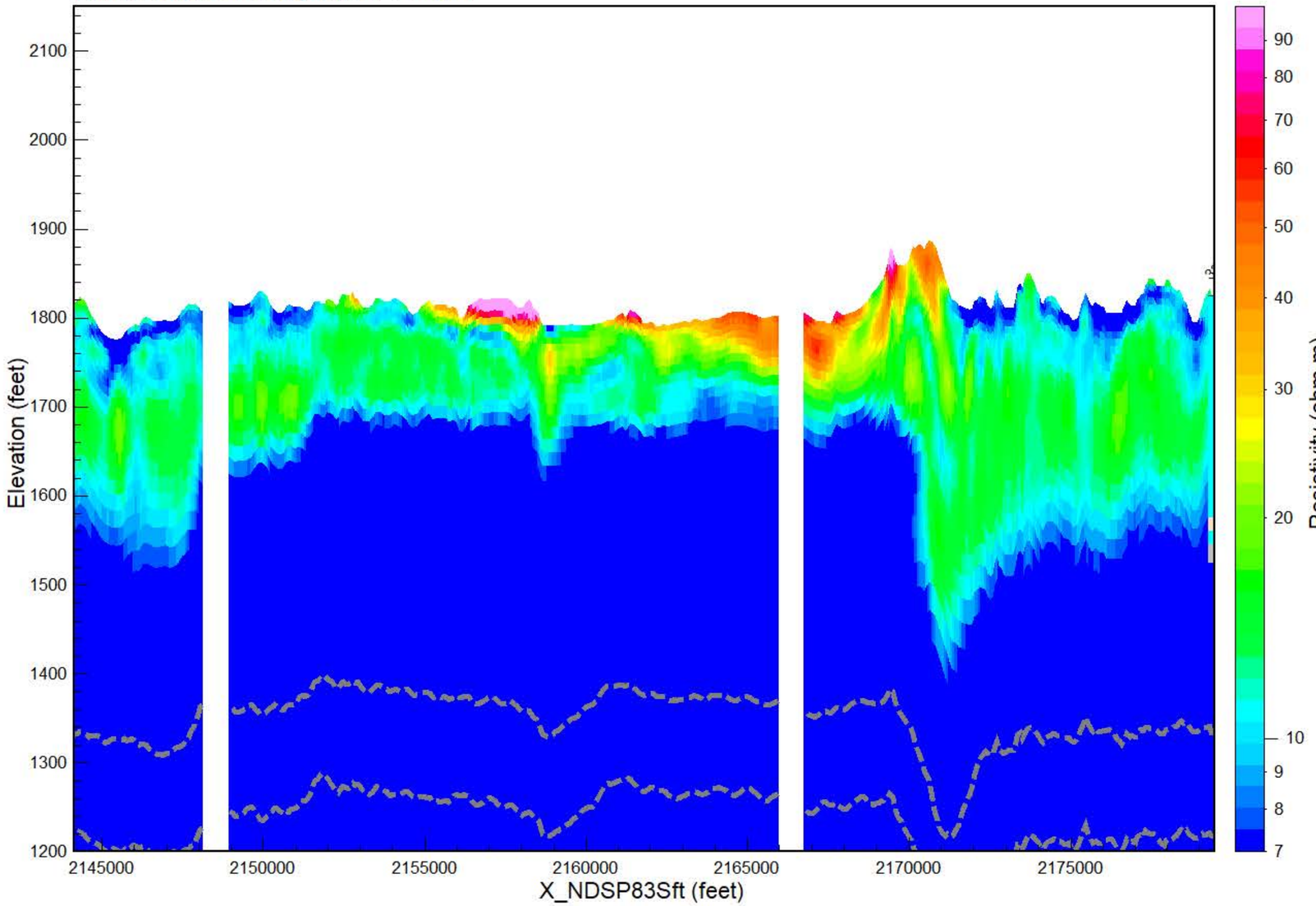
Flight Location Line L504201



AEM Survey Area 1



Final SCI Resistivity Line L504201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

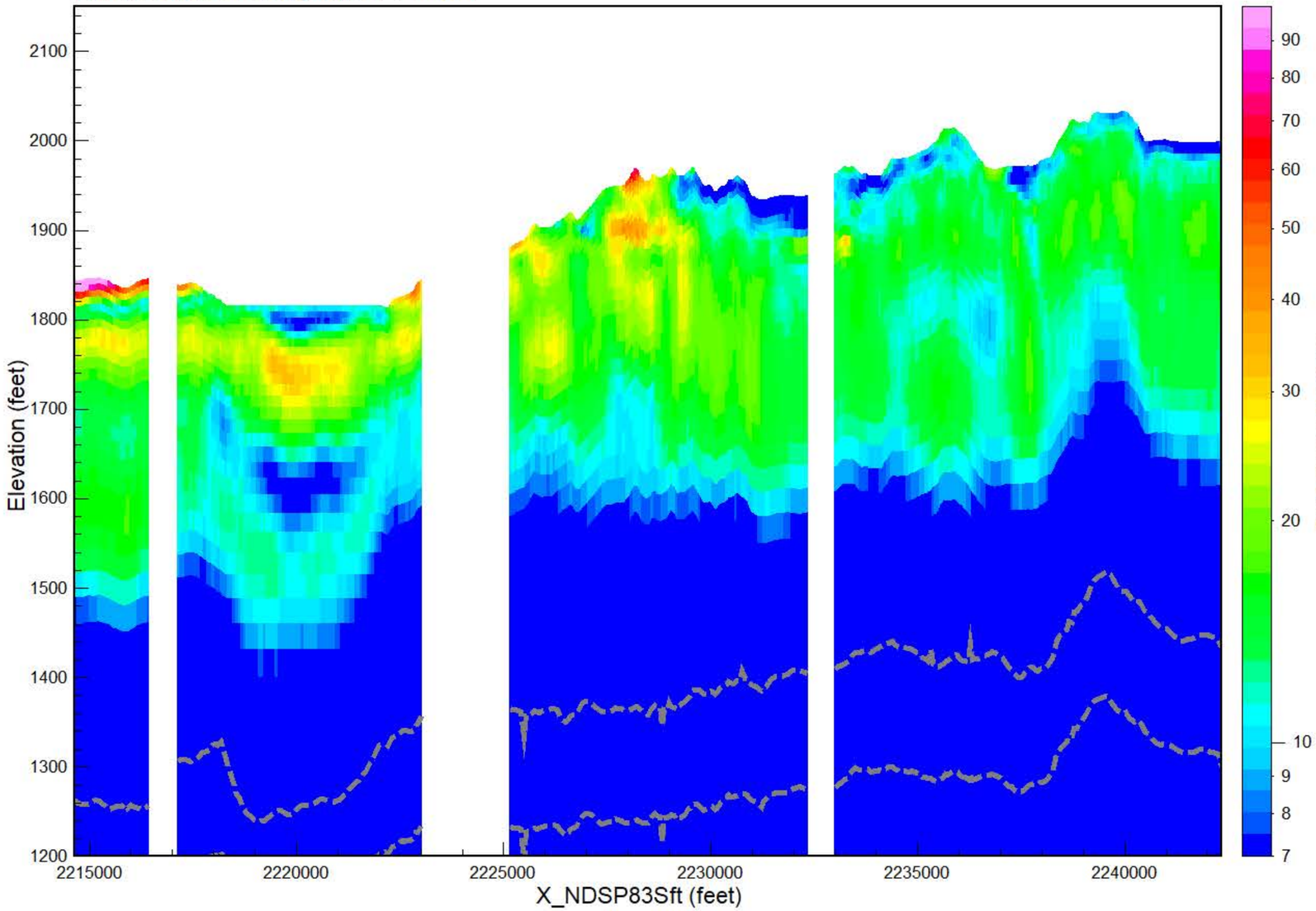
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

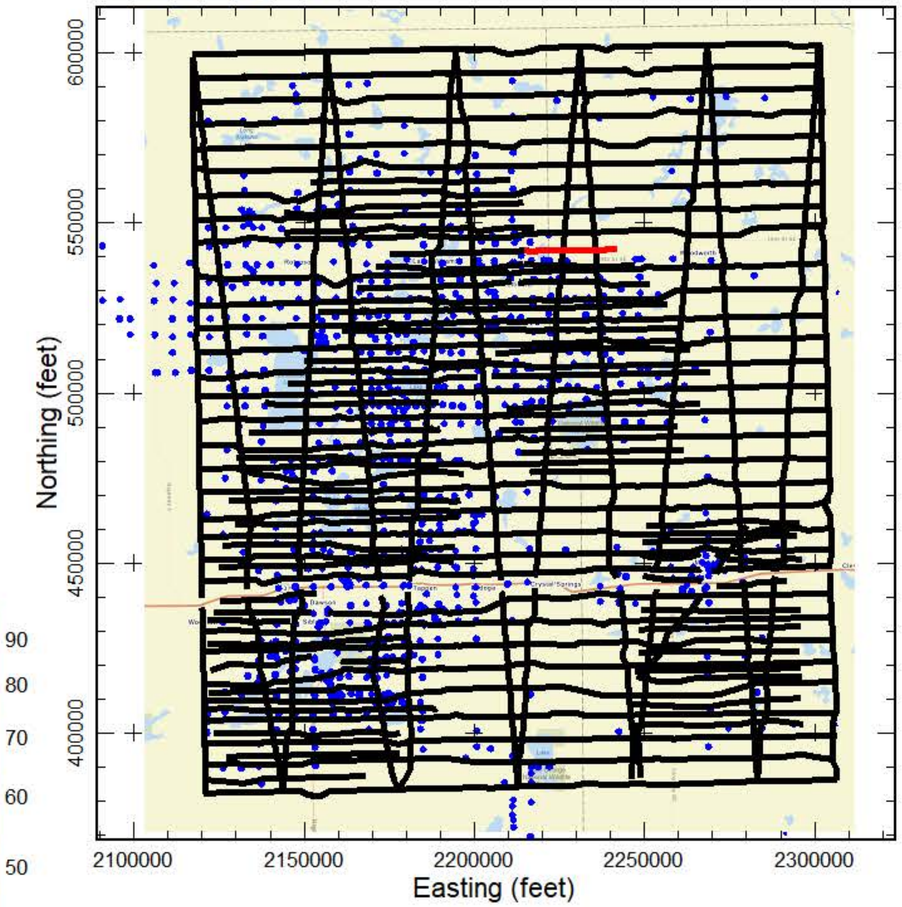
Flight Location Line L504301



Final SCI Resistivity Line L504301



AEM Survey Area 1



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

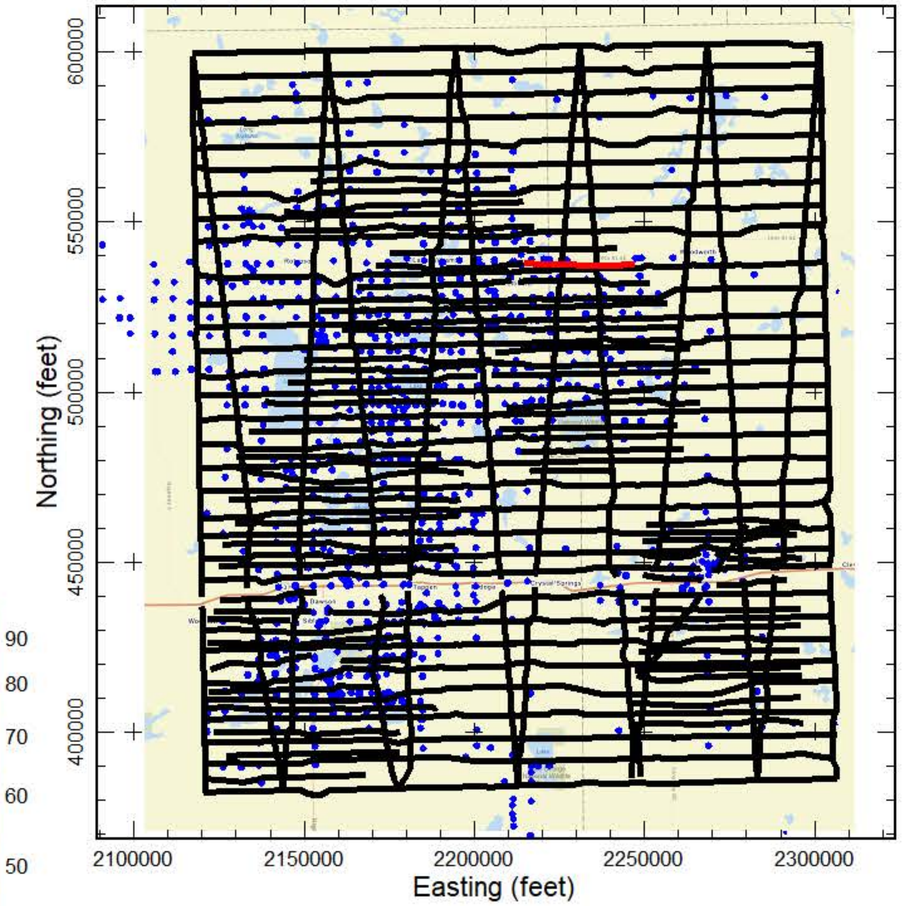
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

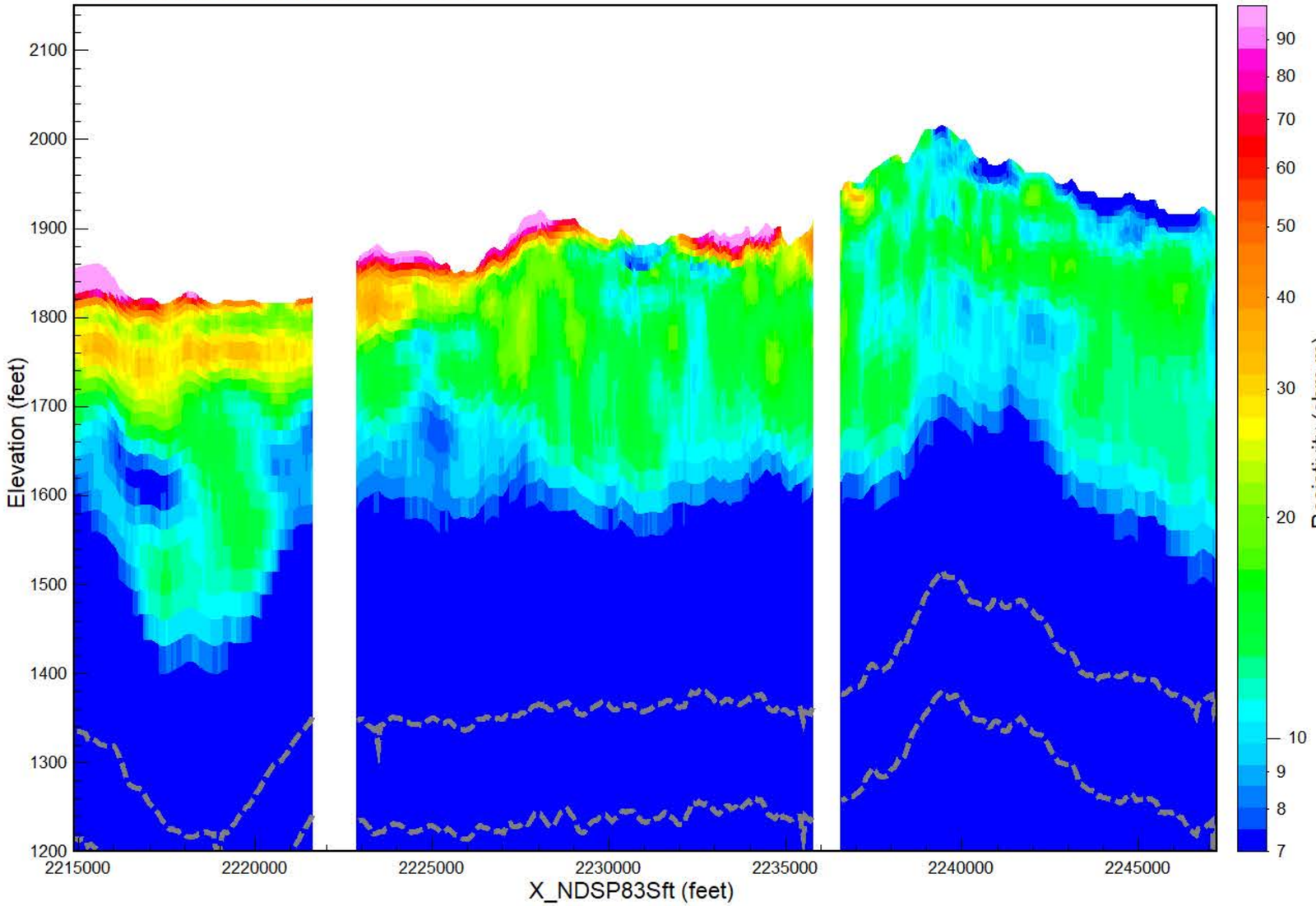
Flight Location Line L504401



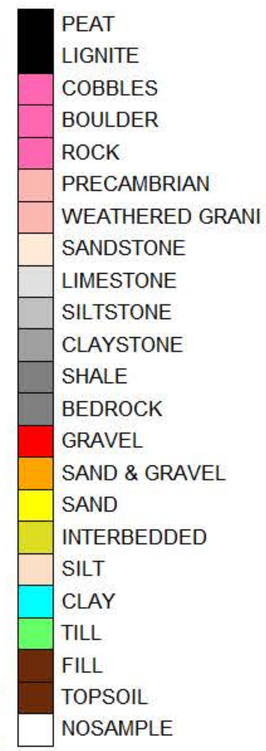
AEM Survey Area 1



Final SCI Resistivity Line L504401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

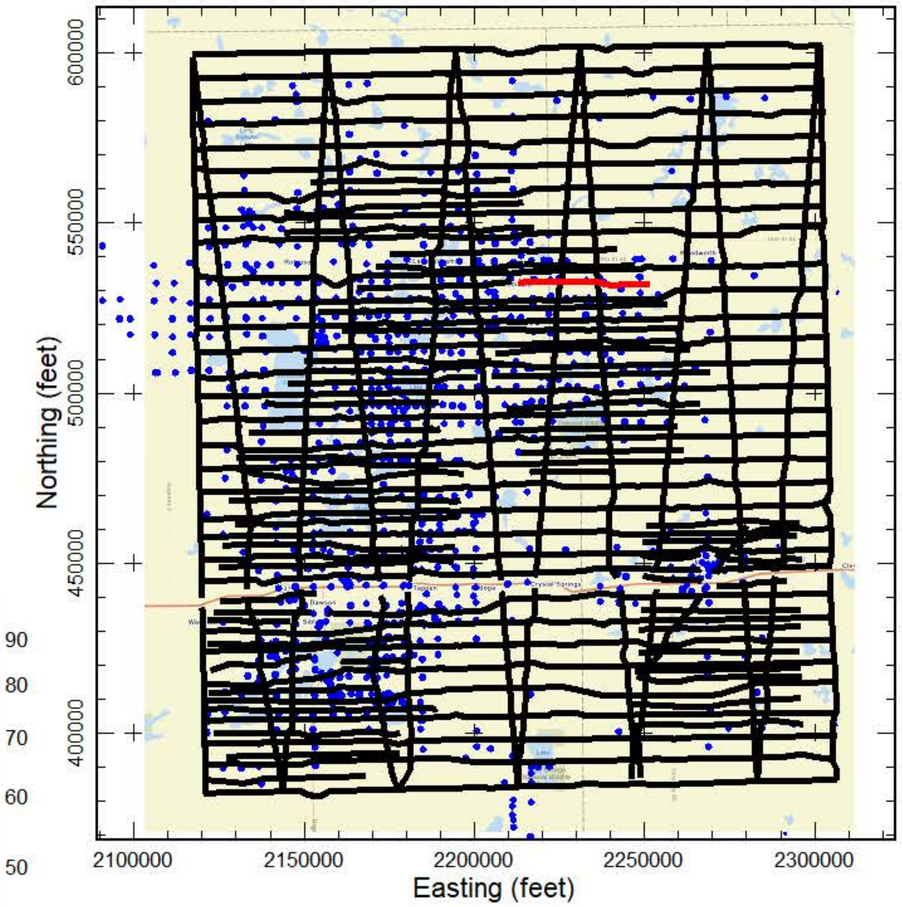


AGF
Aqua Geo Frameworks

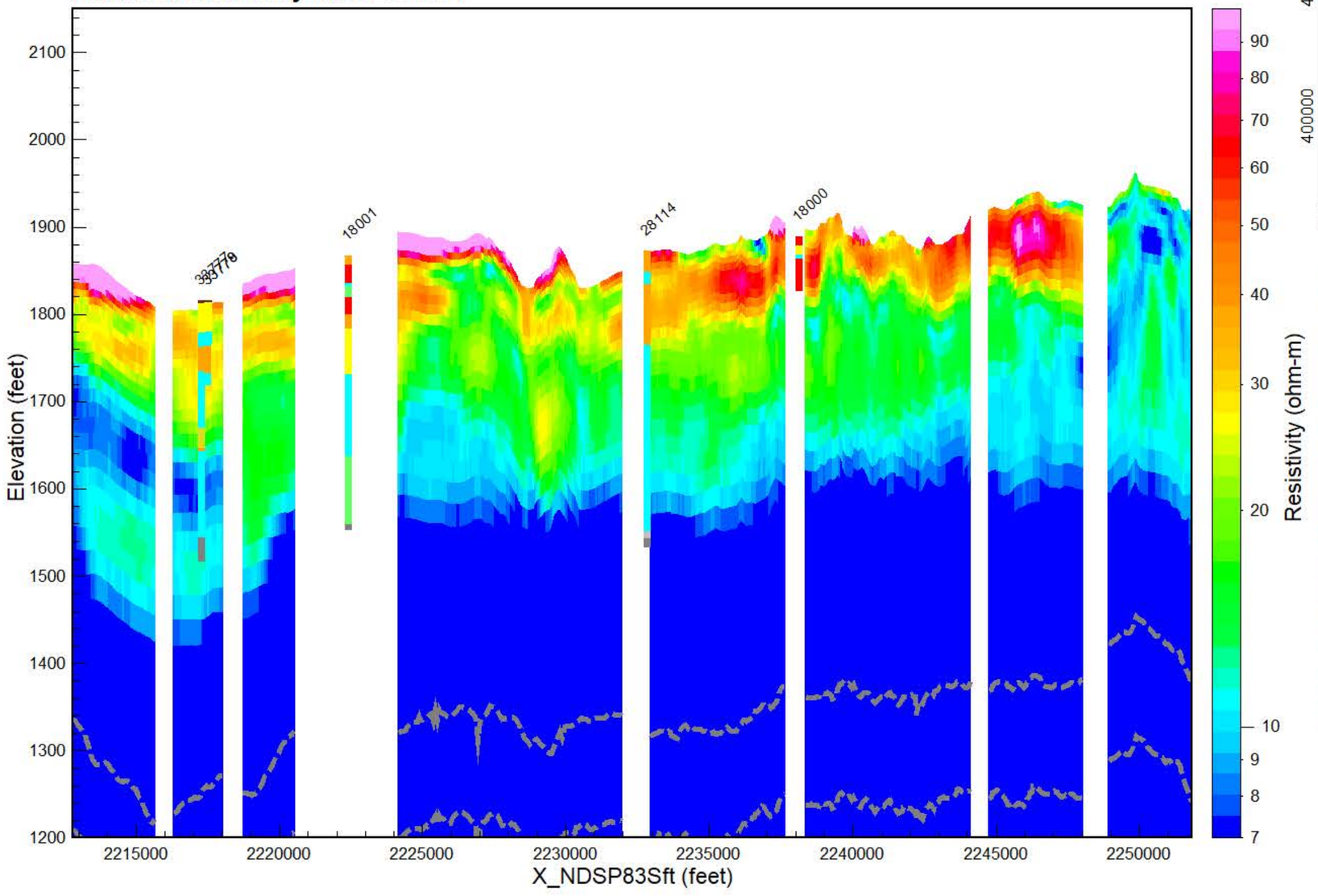
Flight Location Line L504501



AEM Survey Area 1



Final SCI Resistivity Line L504501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

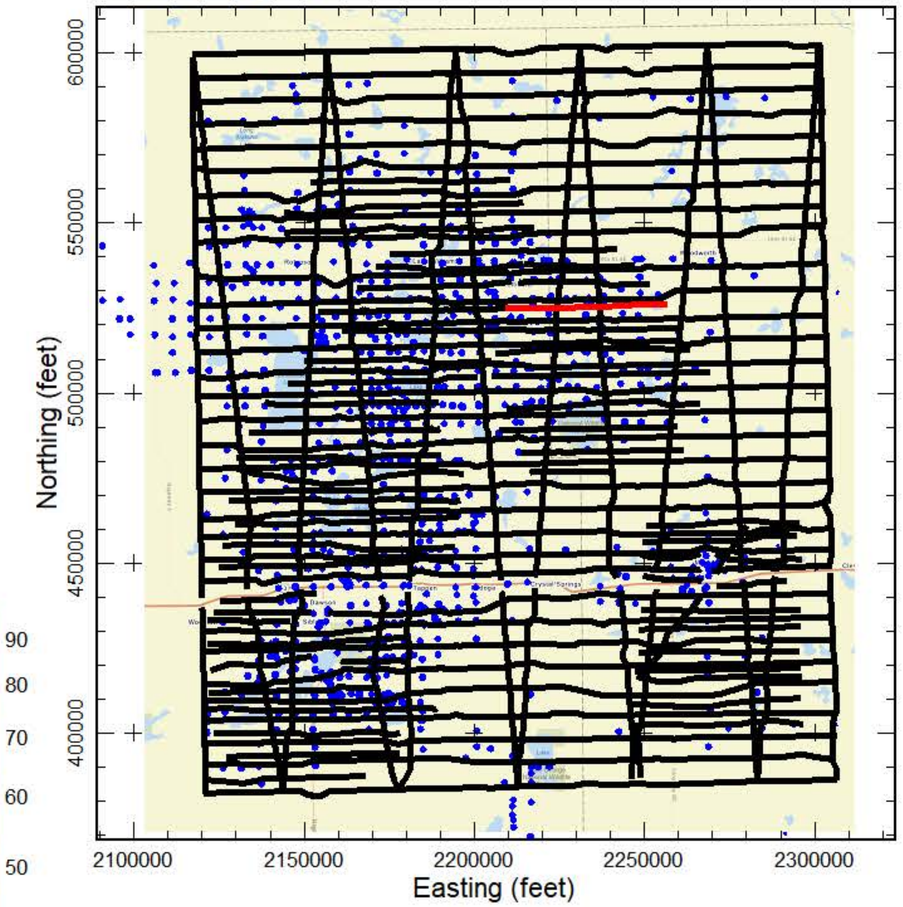
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

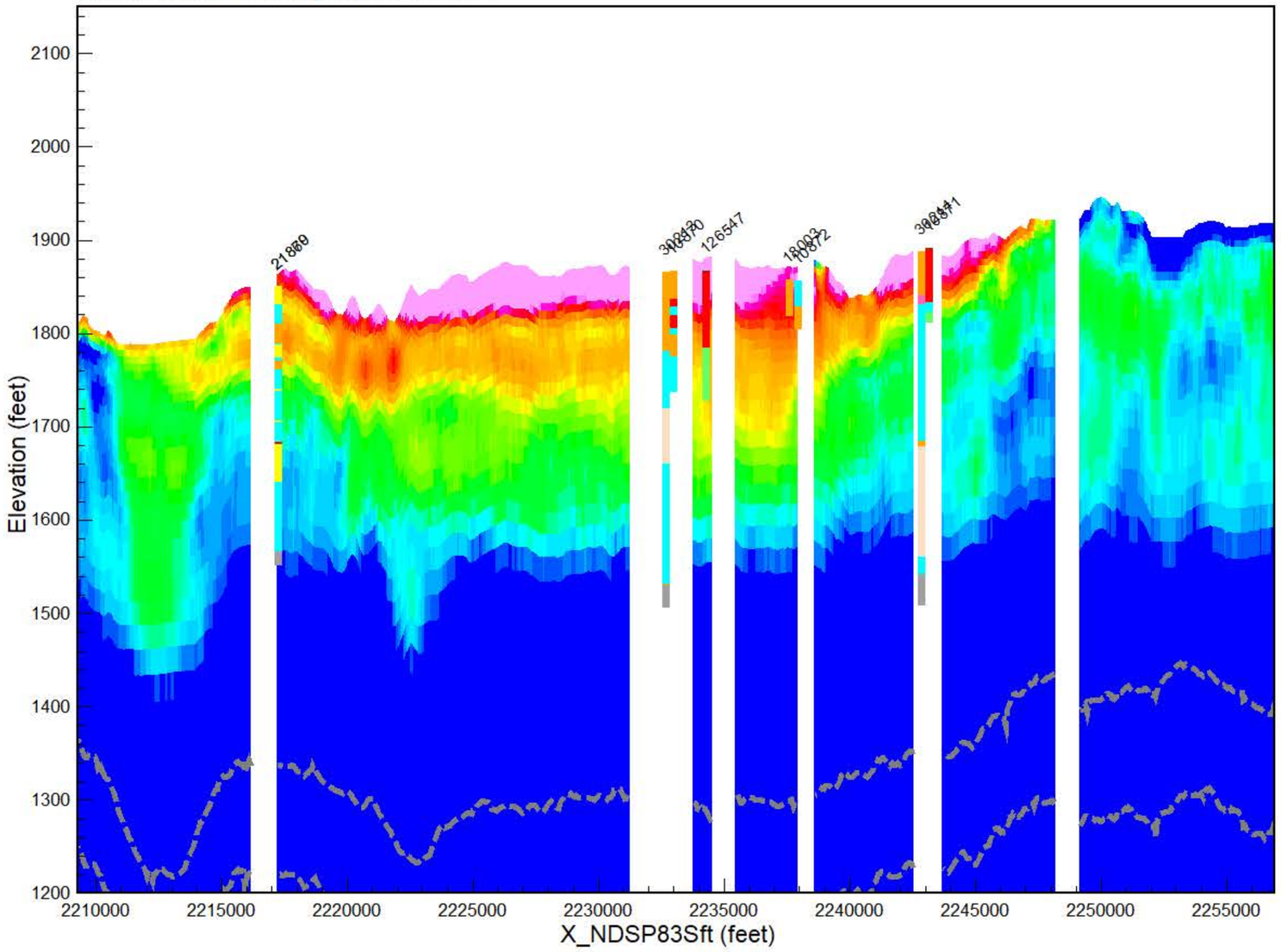
Flight Location Line L504601



AEM Survey Area 1



Final SCI Resistivity Line L504601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

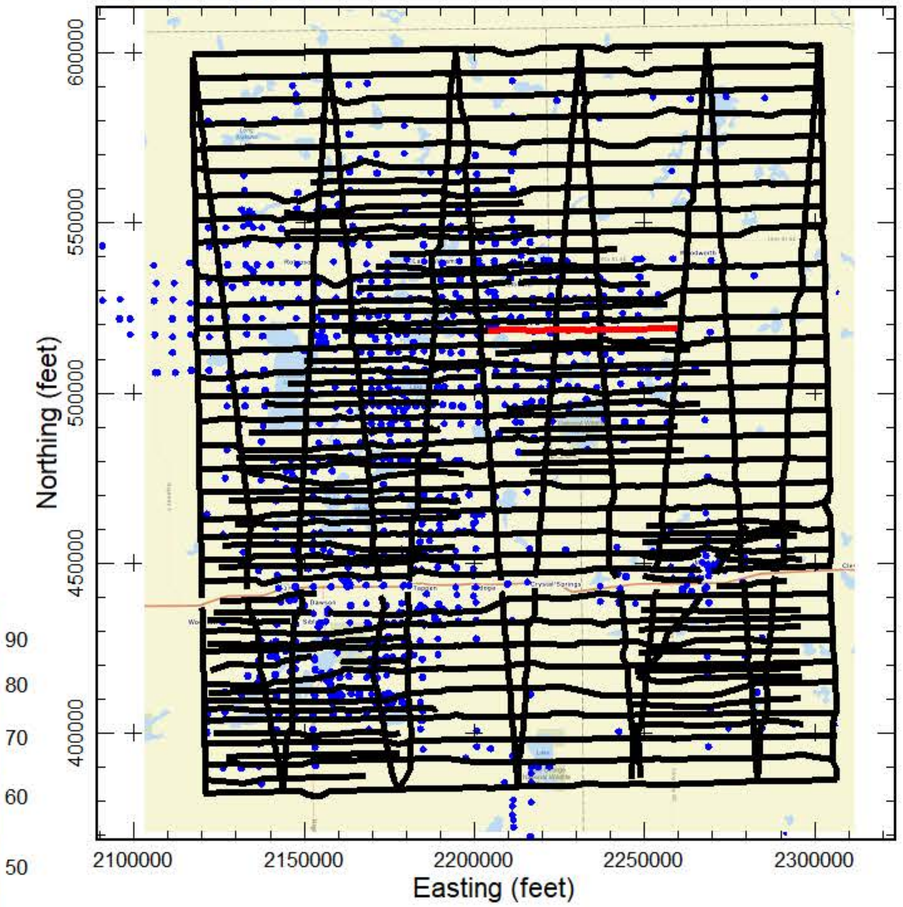
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

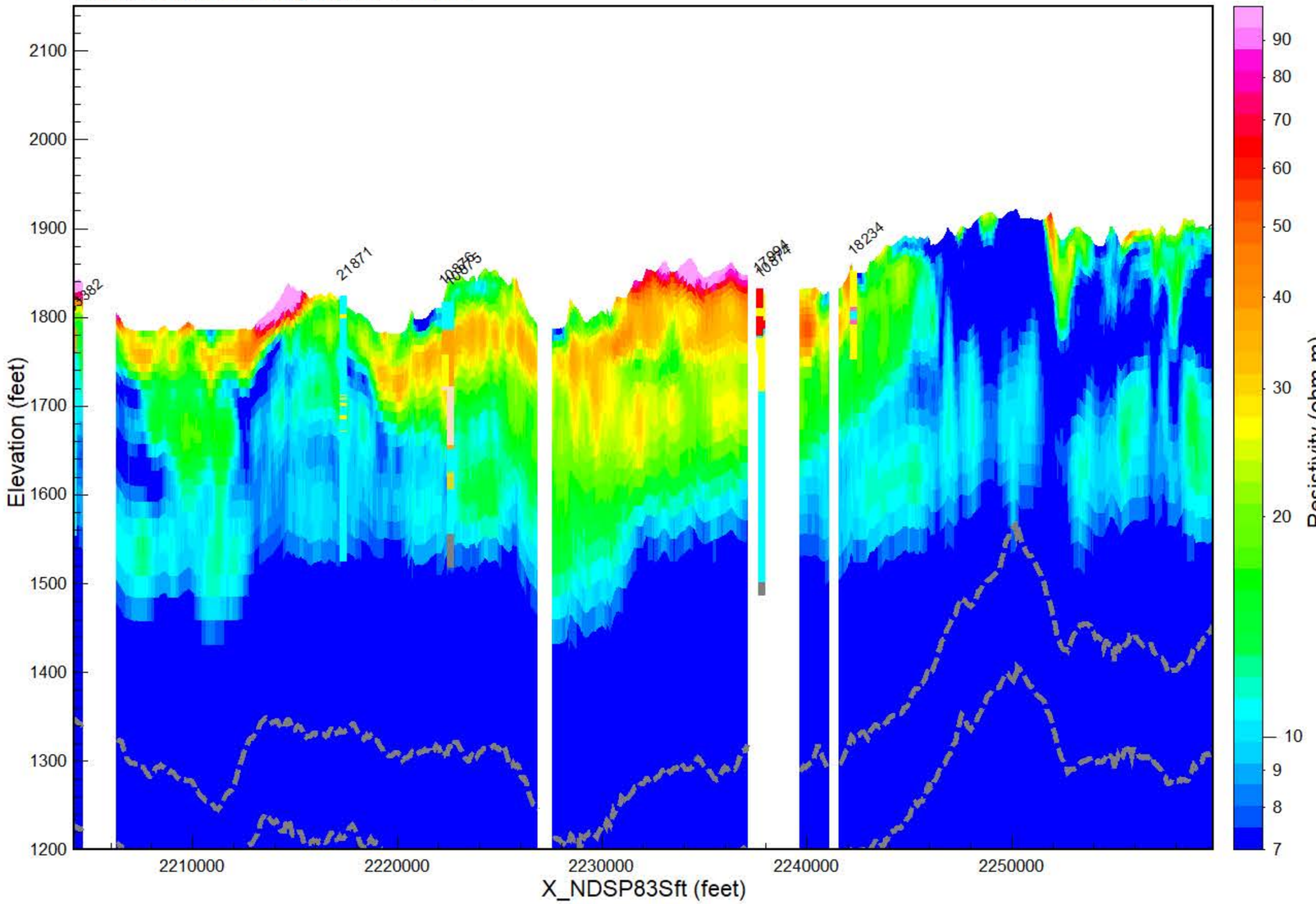
Flight Location Line L504701



AEM Survey Area 1



Final SCI Resistivity Line L504701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

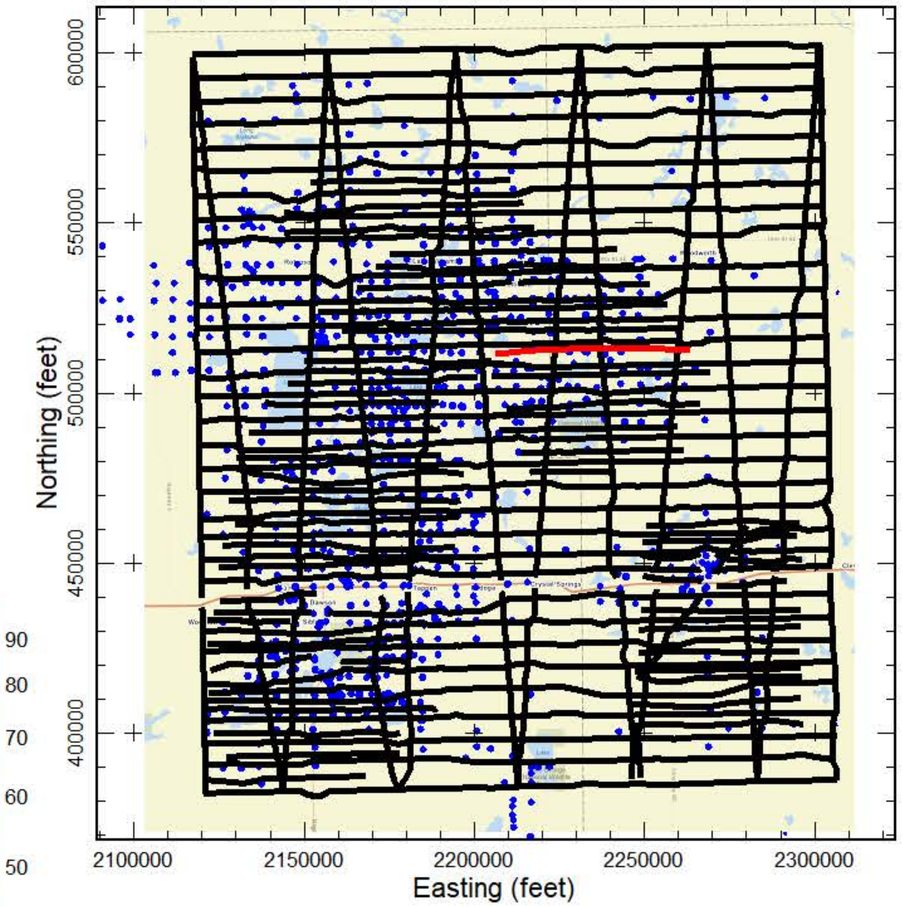
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

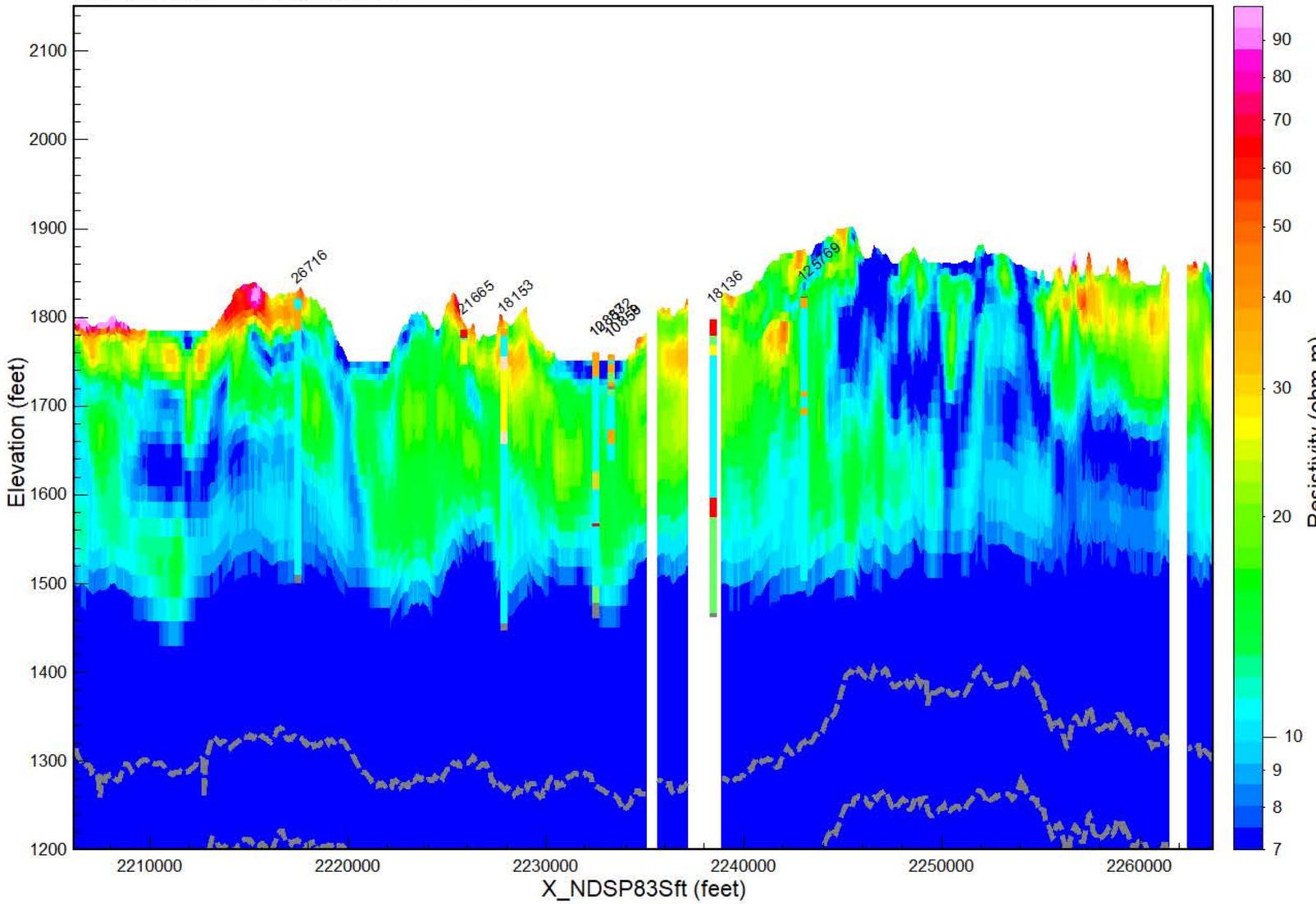
Flight Location Line L504801



AEM Survey Area 1



Final SCI Resistivity Line L504801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

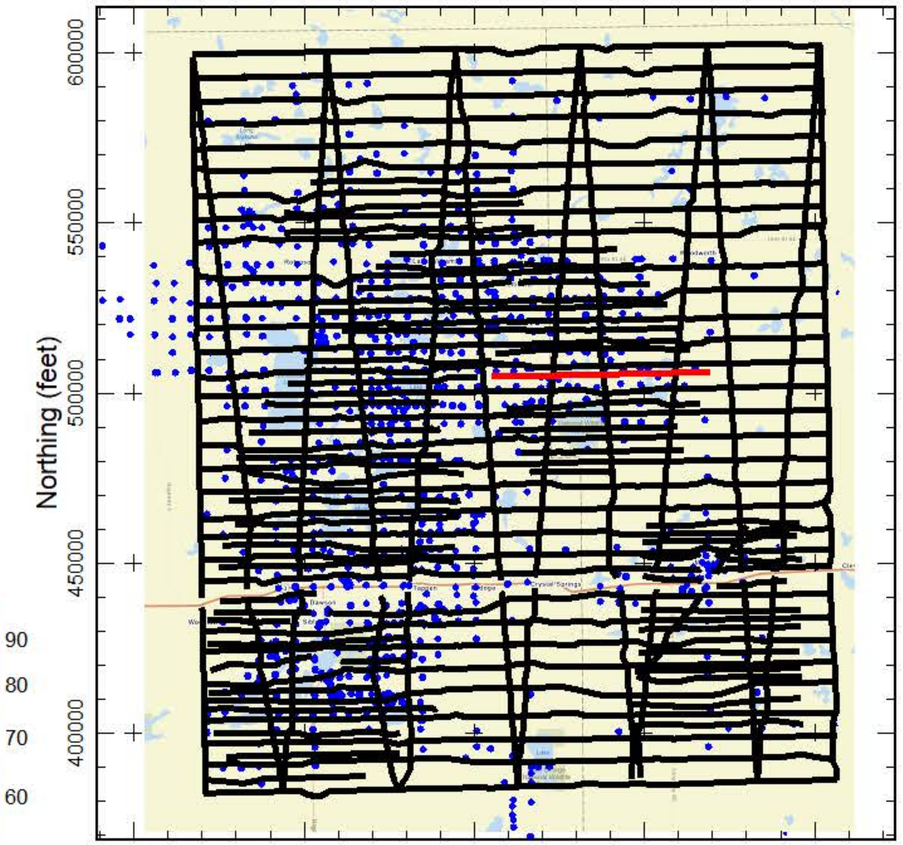
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

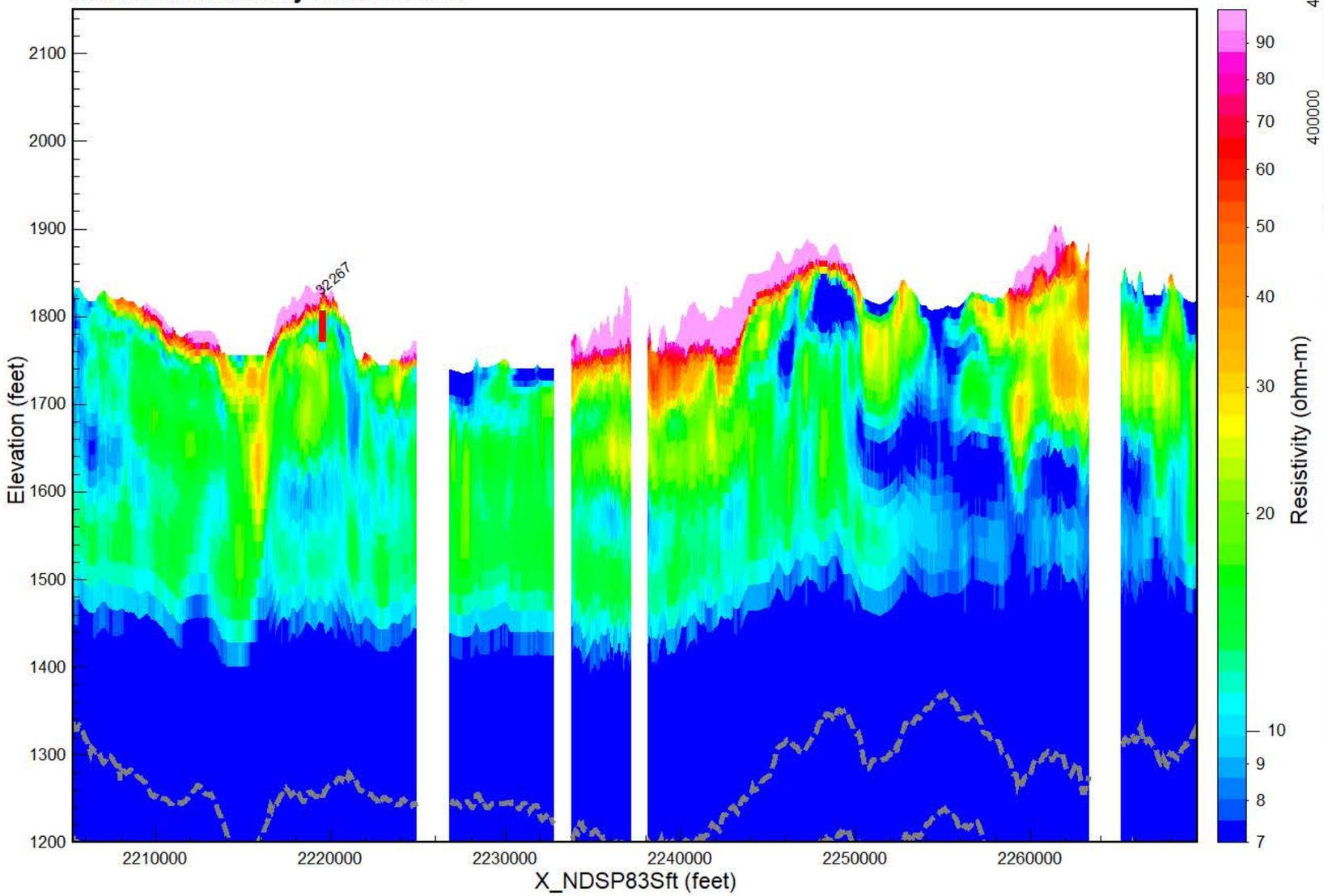
Flight Location Line L504901



AEM Survey Area 1



Final SCI Resistivity Line L504901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

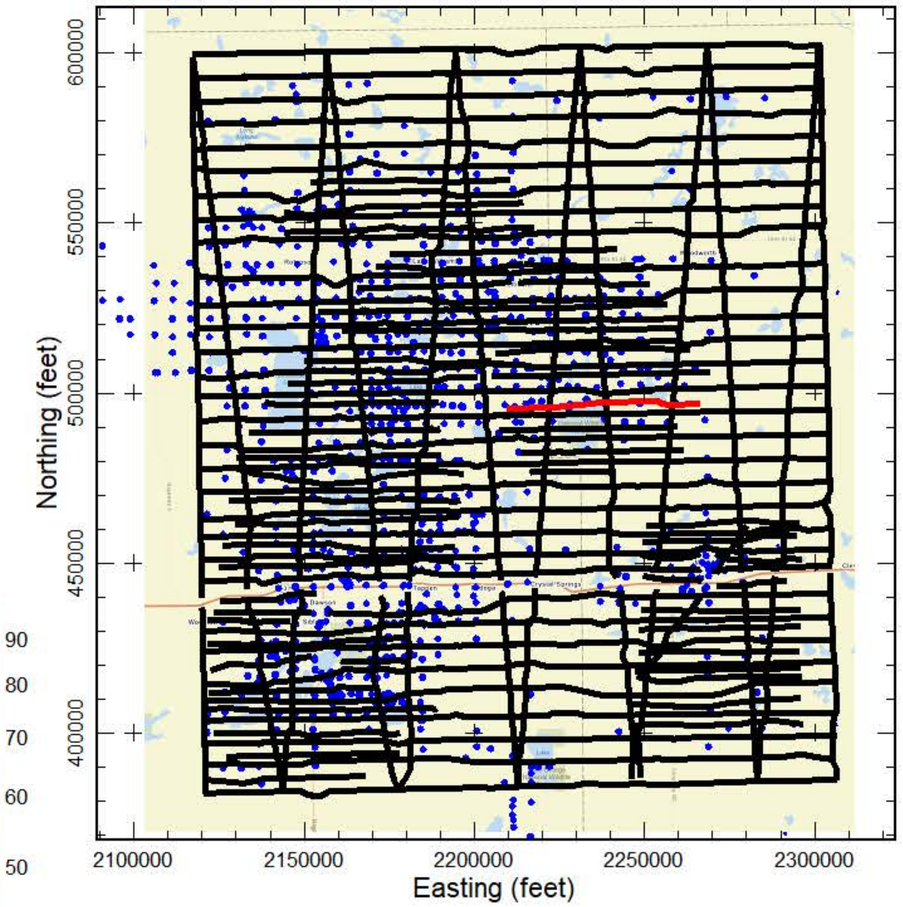
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

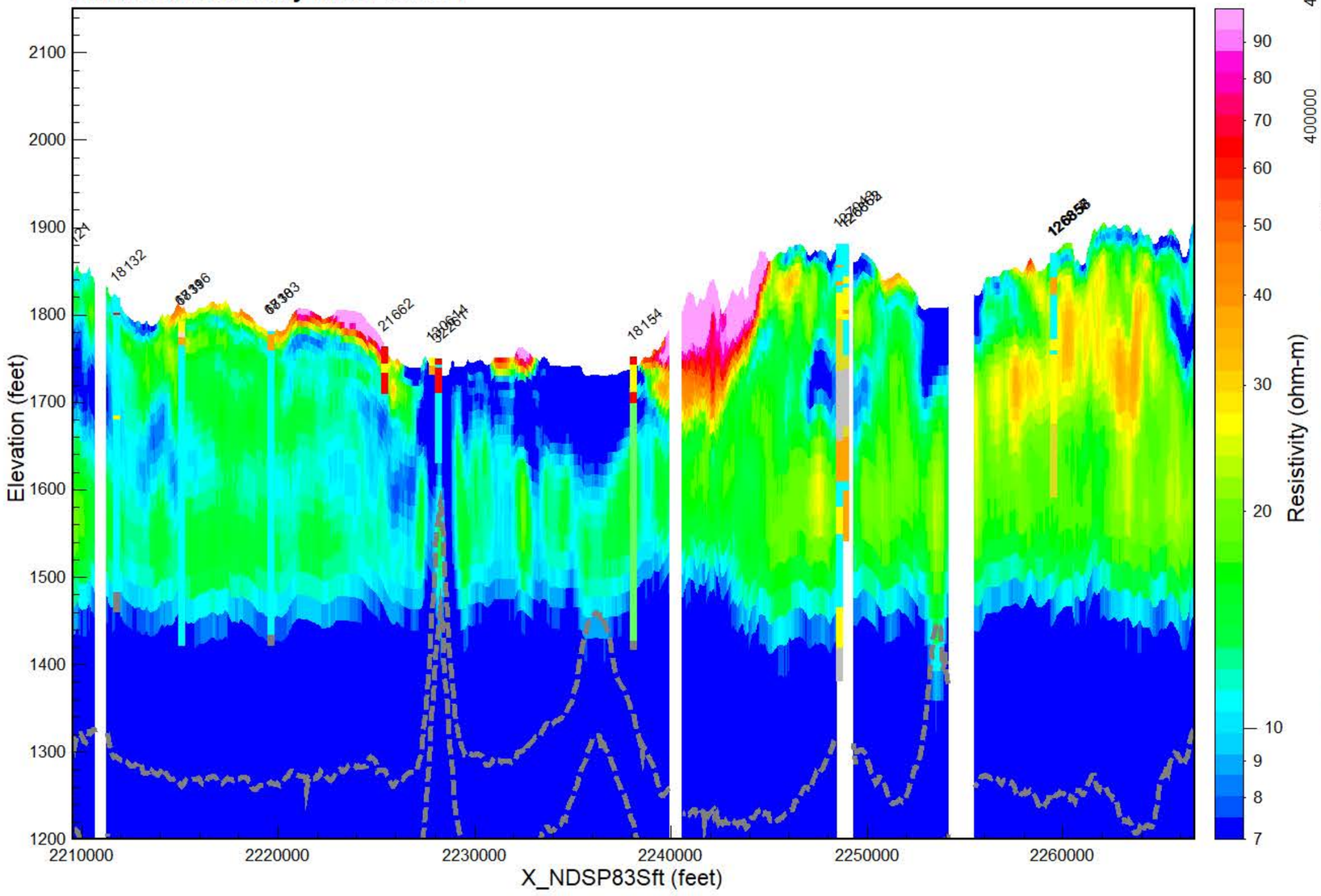
Flight Location Line L505001



AEM Survey Area 1



Final SCI Resistivity Line L505001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

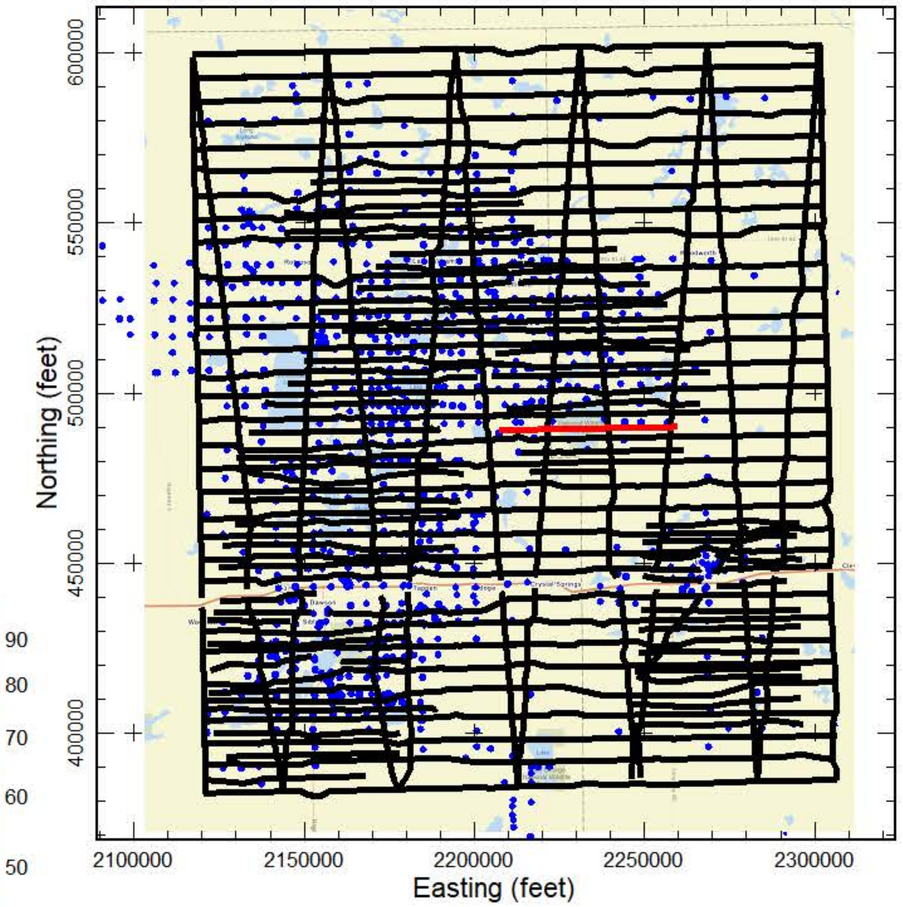
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

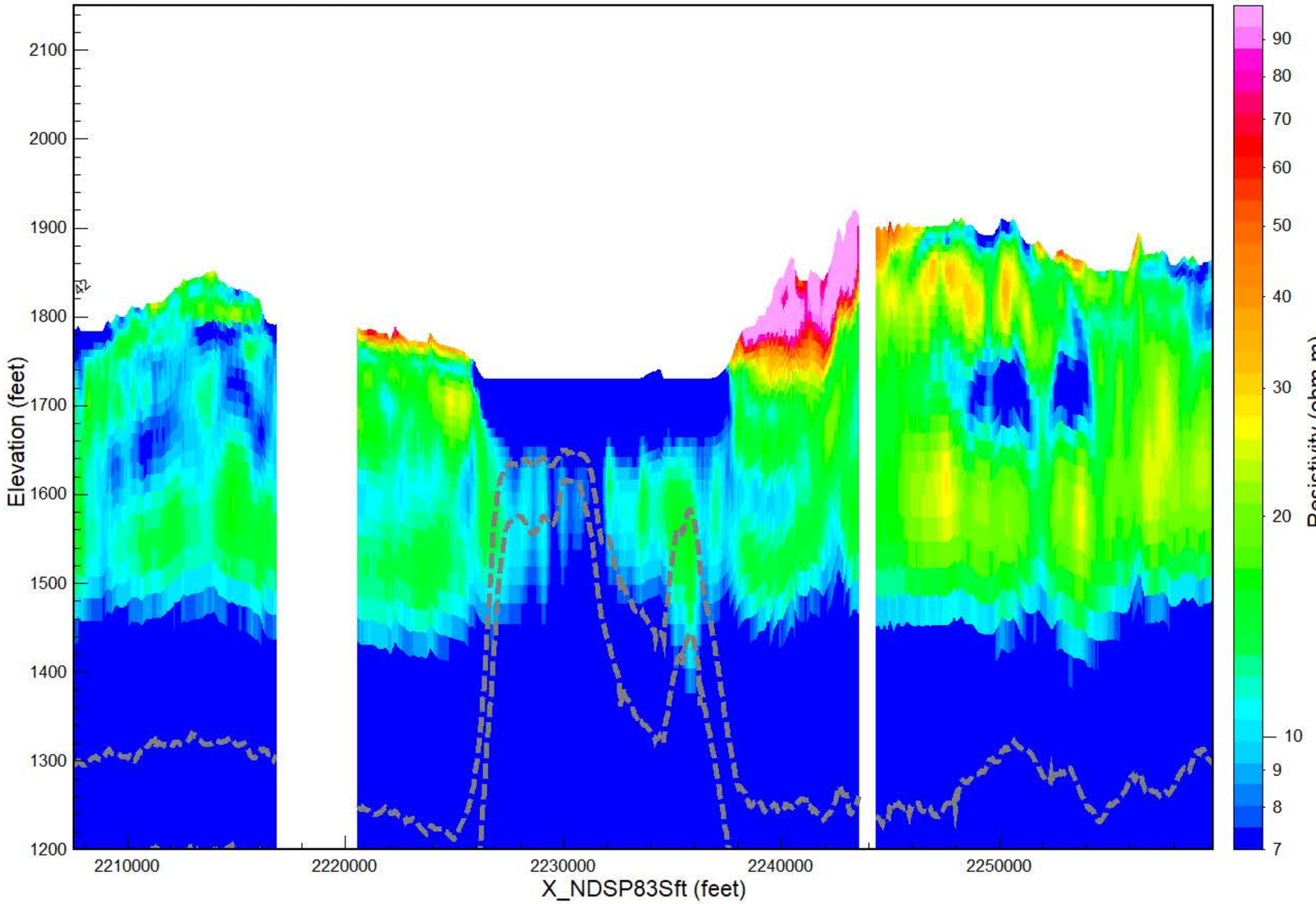
Flight Location Line L505101



AEM Survey Area 1



Final SCI Resistivity Line L505101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

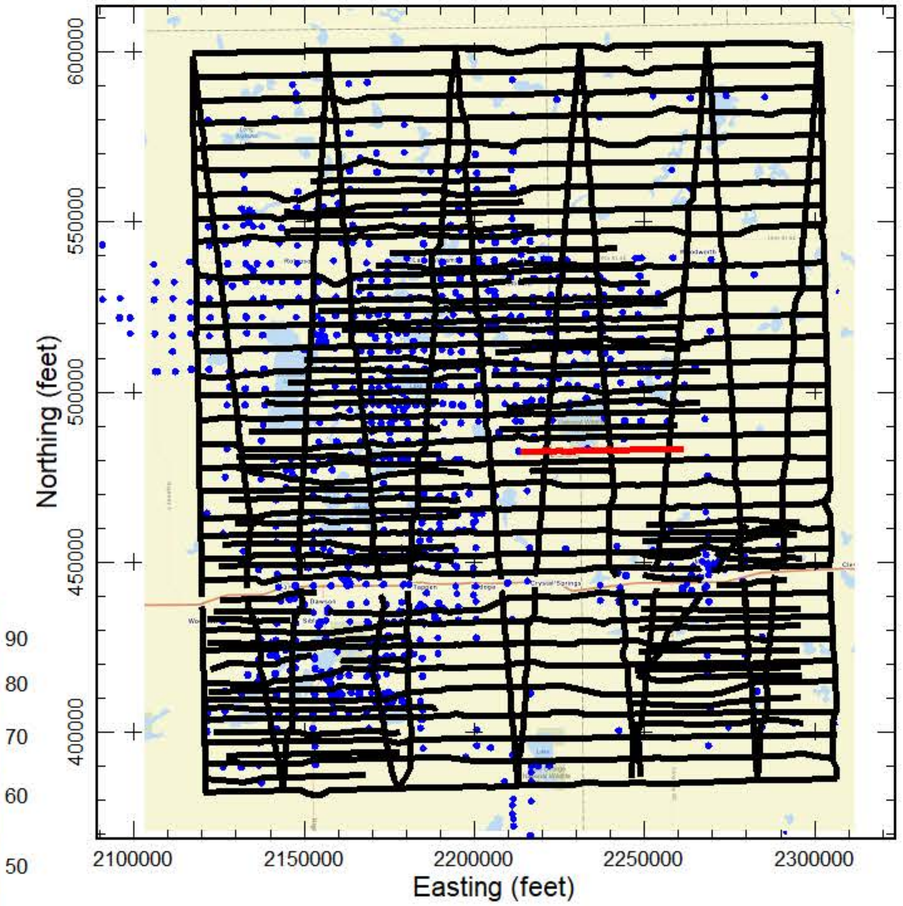
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

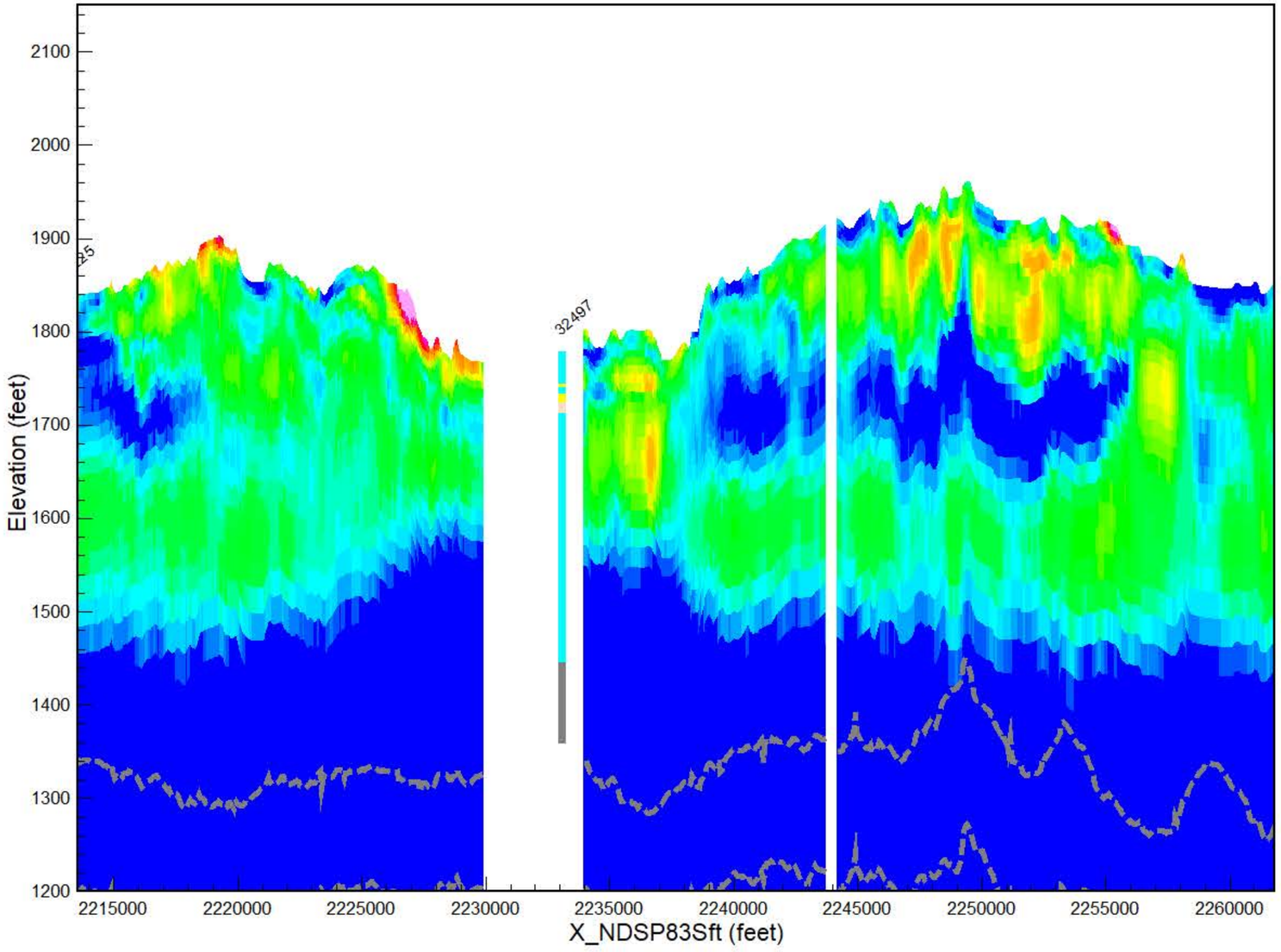
Flight Location Line L505201

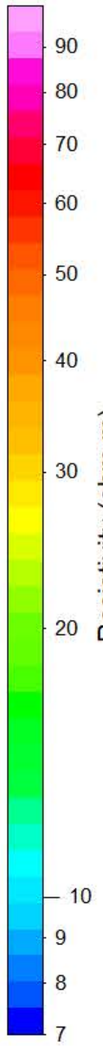


AEM Survey Area 1



Final SCI Resistivity Line L505201





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

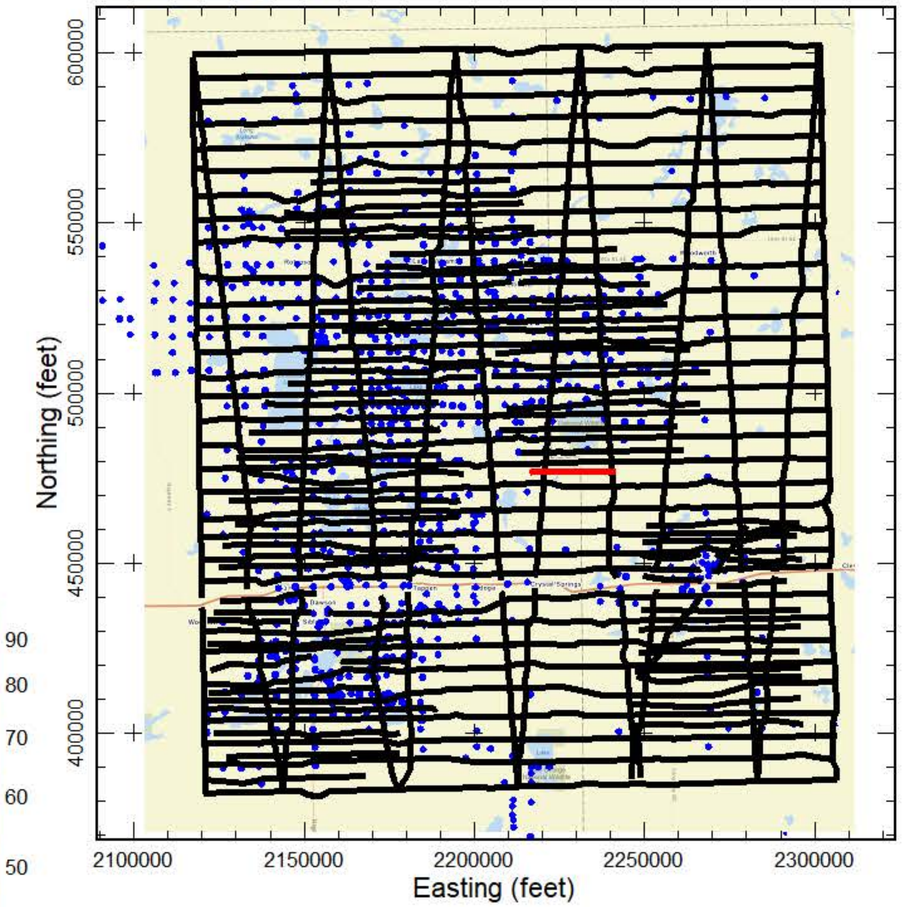
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

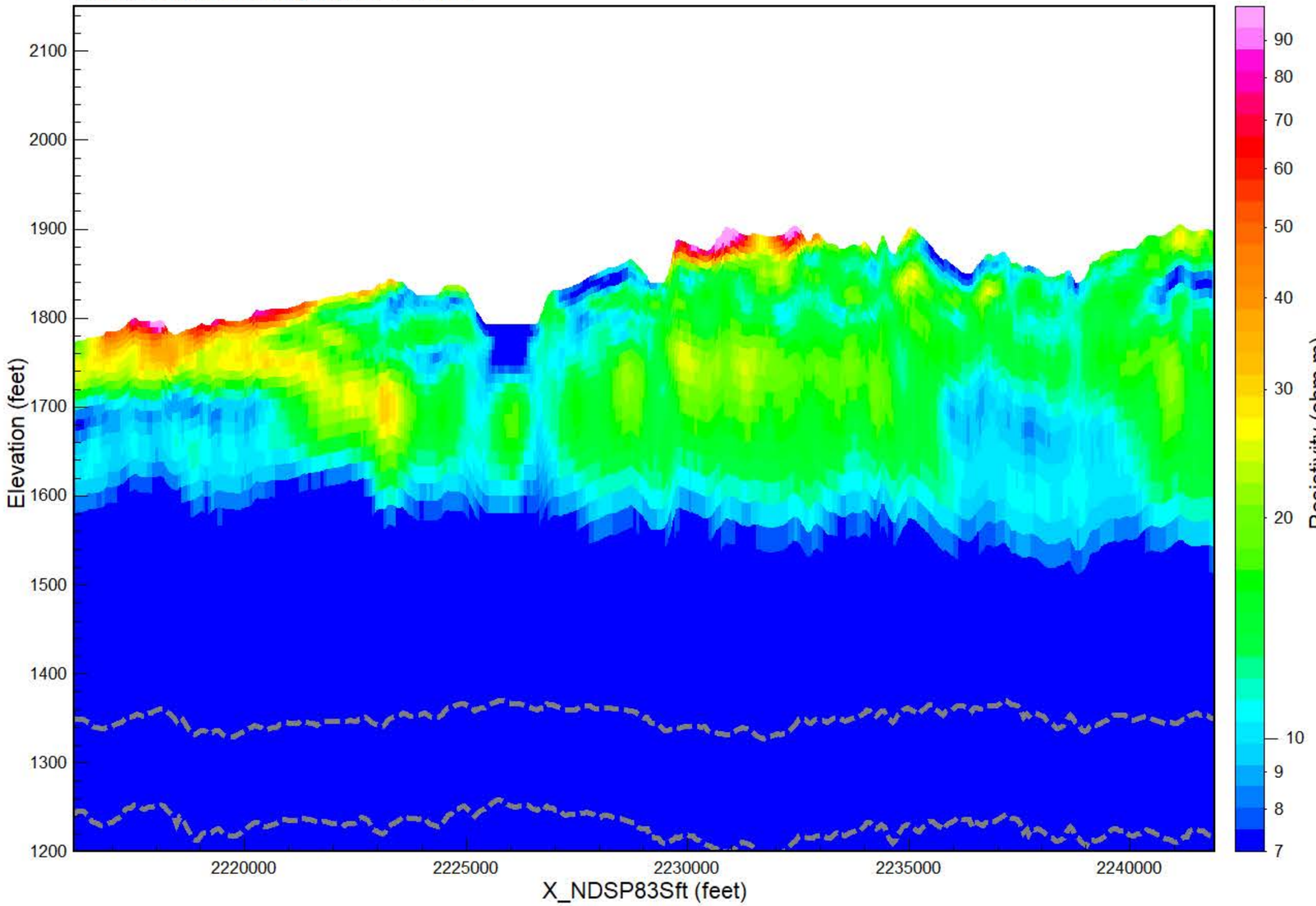
Flight Location Line L505301



AEM Survey Area 1



Final SCI Resistivity Line L505301

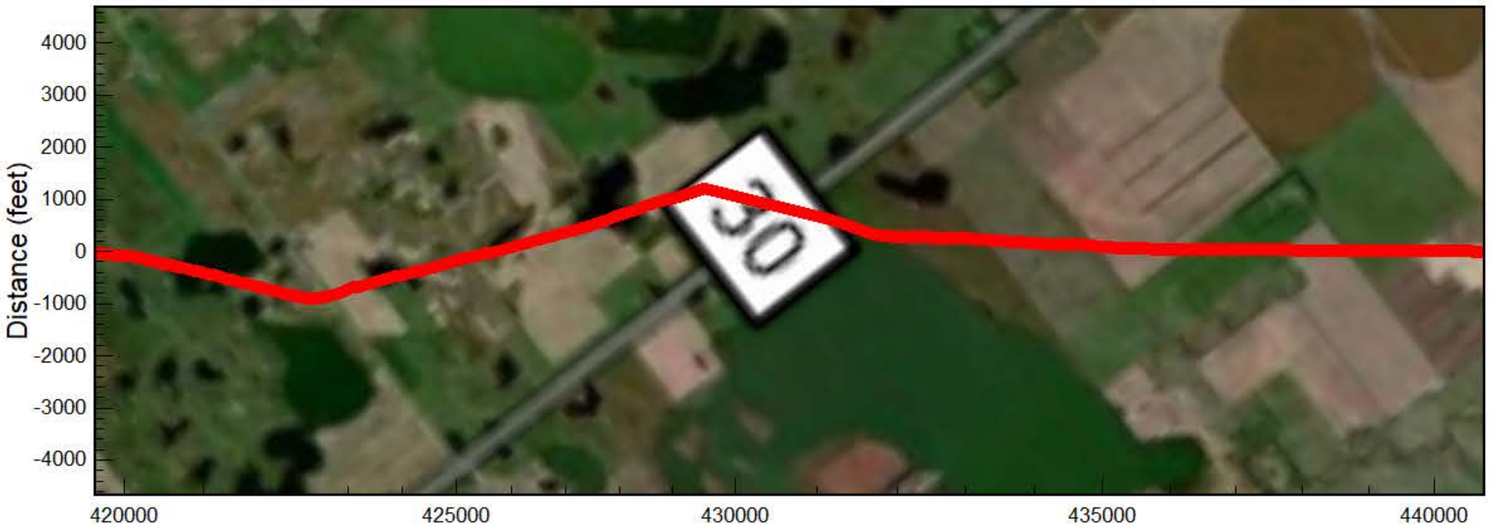


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

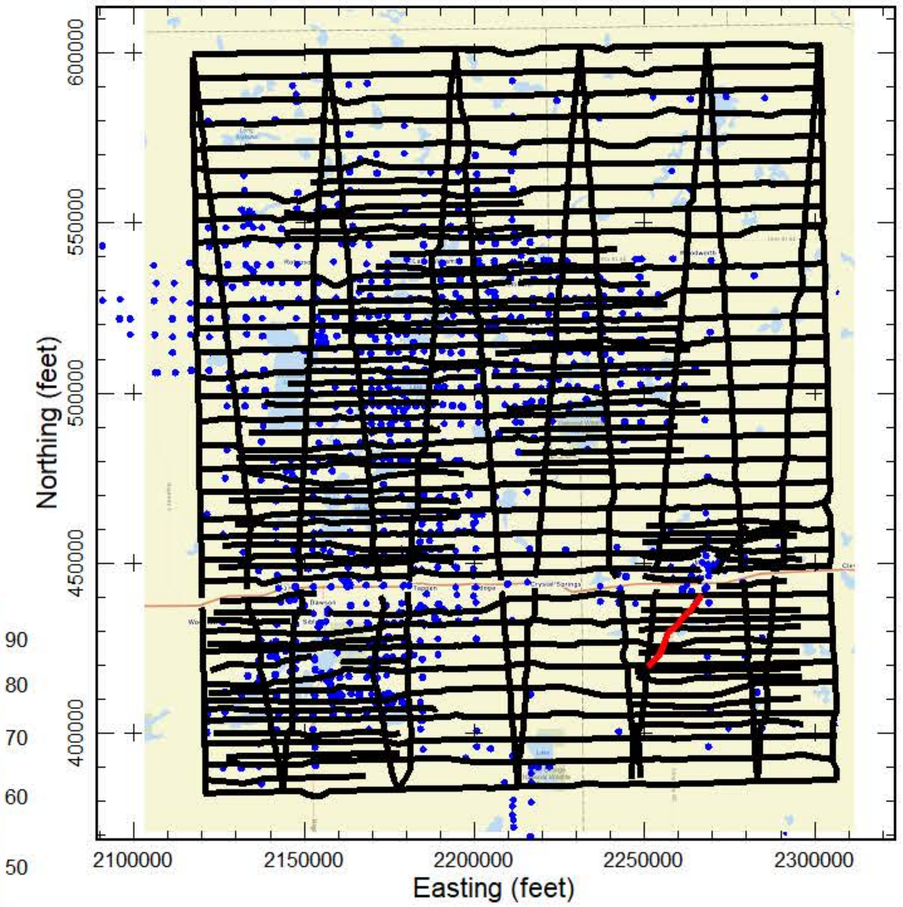
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

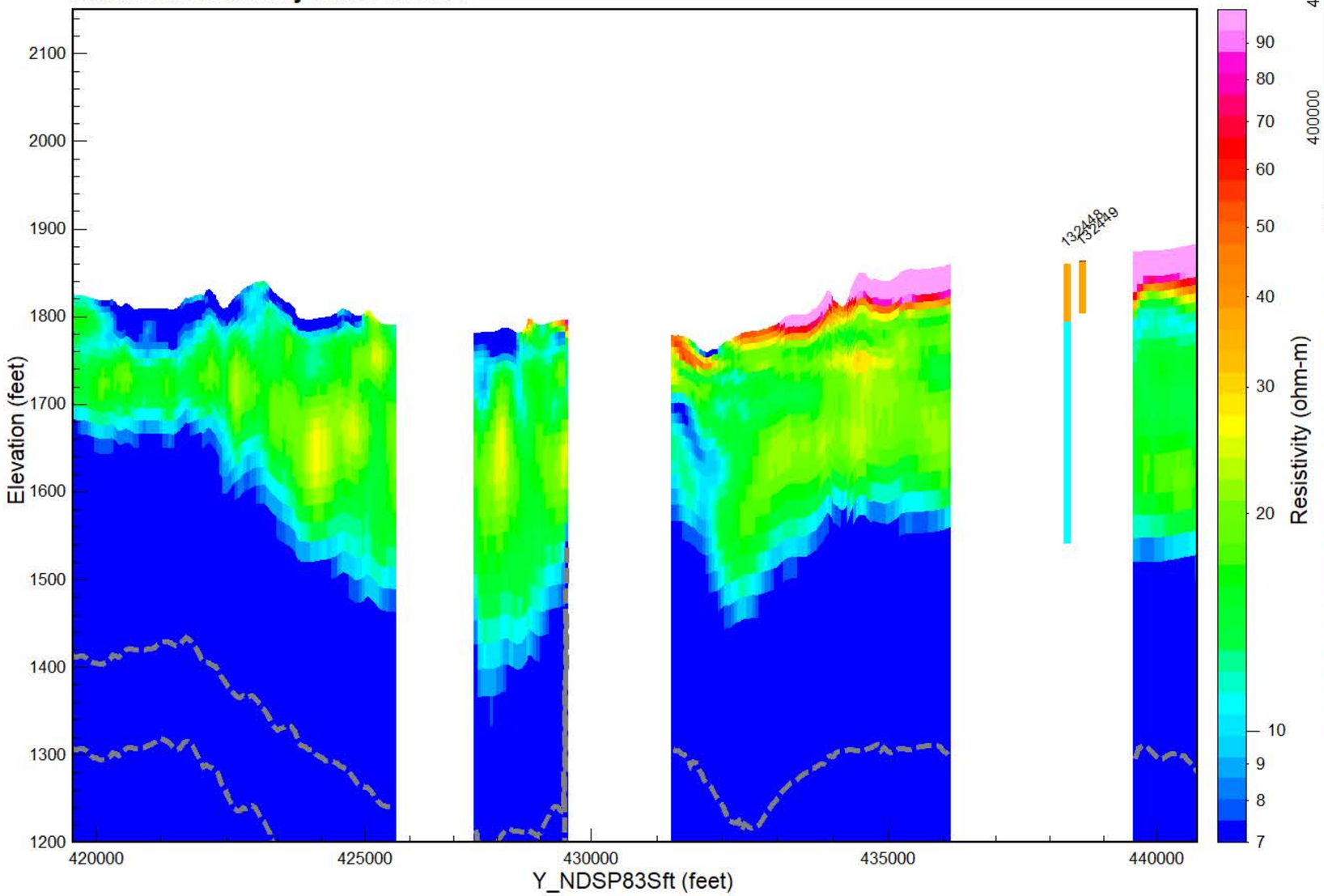
Flight Location Line L590011



AEM Survey Area 1



Final SCI Resistivity Line L590011



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

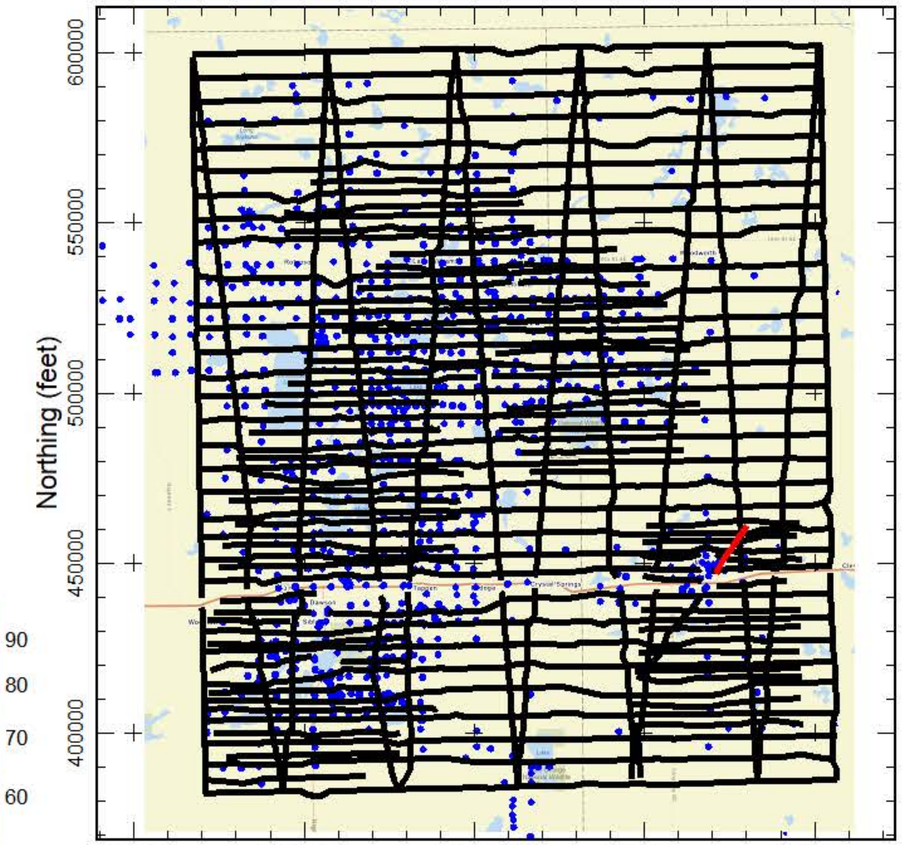
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

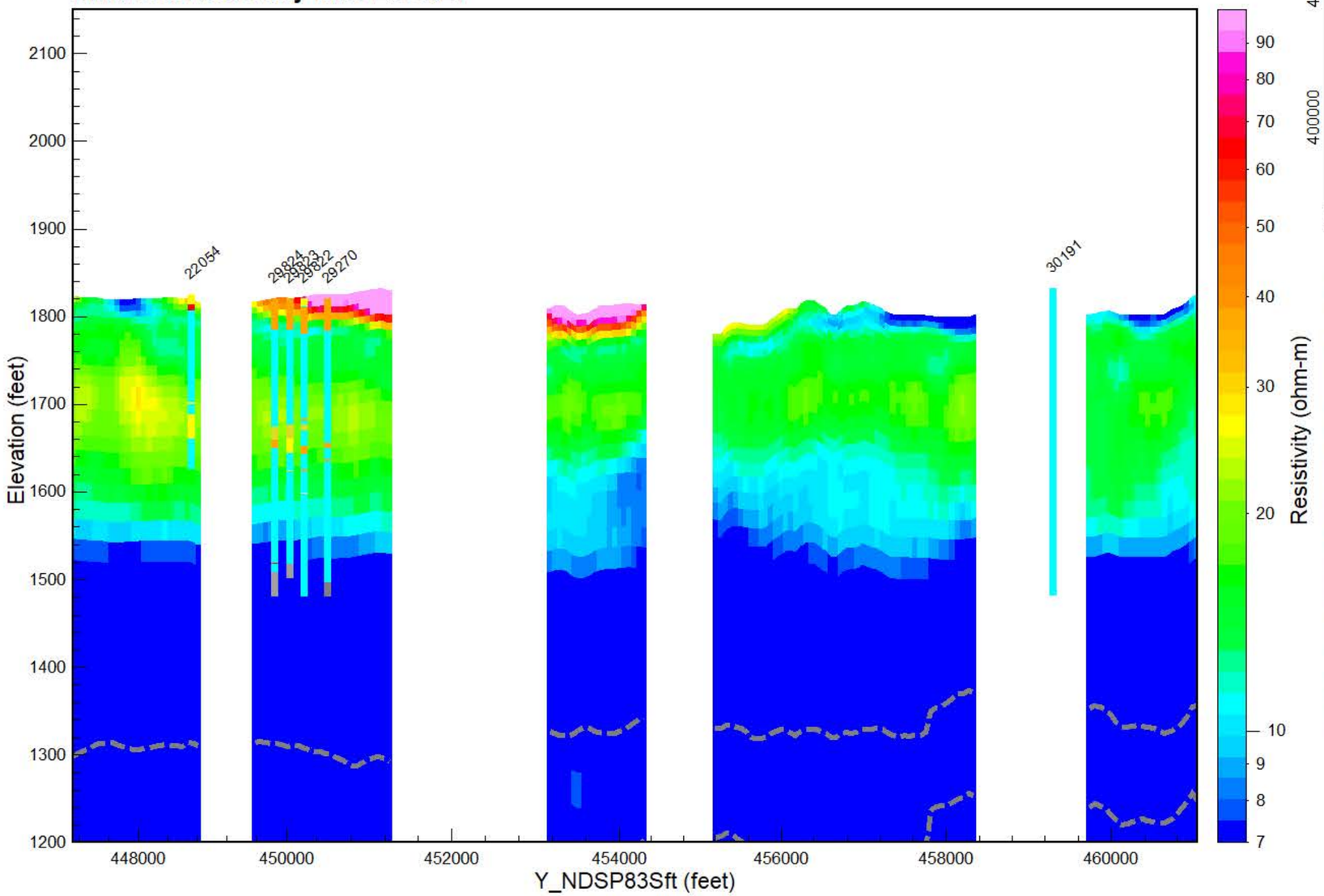
Flight Location Line L590021



AEM Survey Area 1



Final SCI Resistivity Line L590021



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

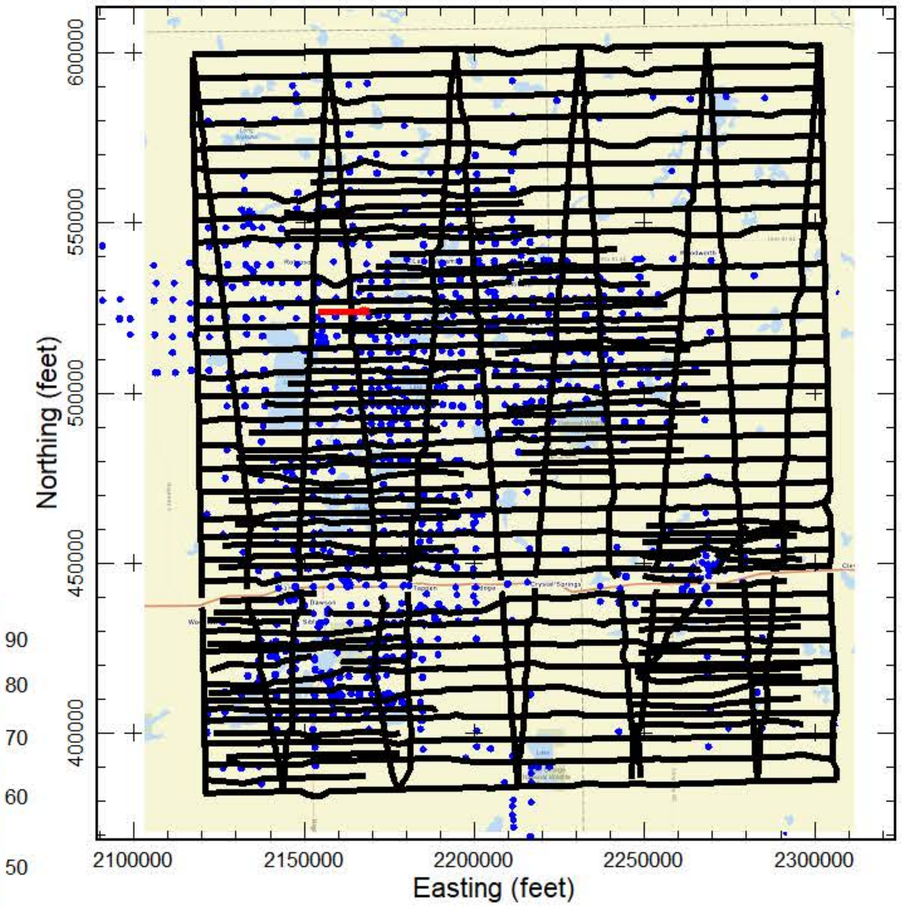
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

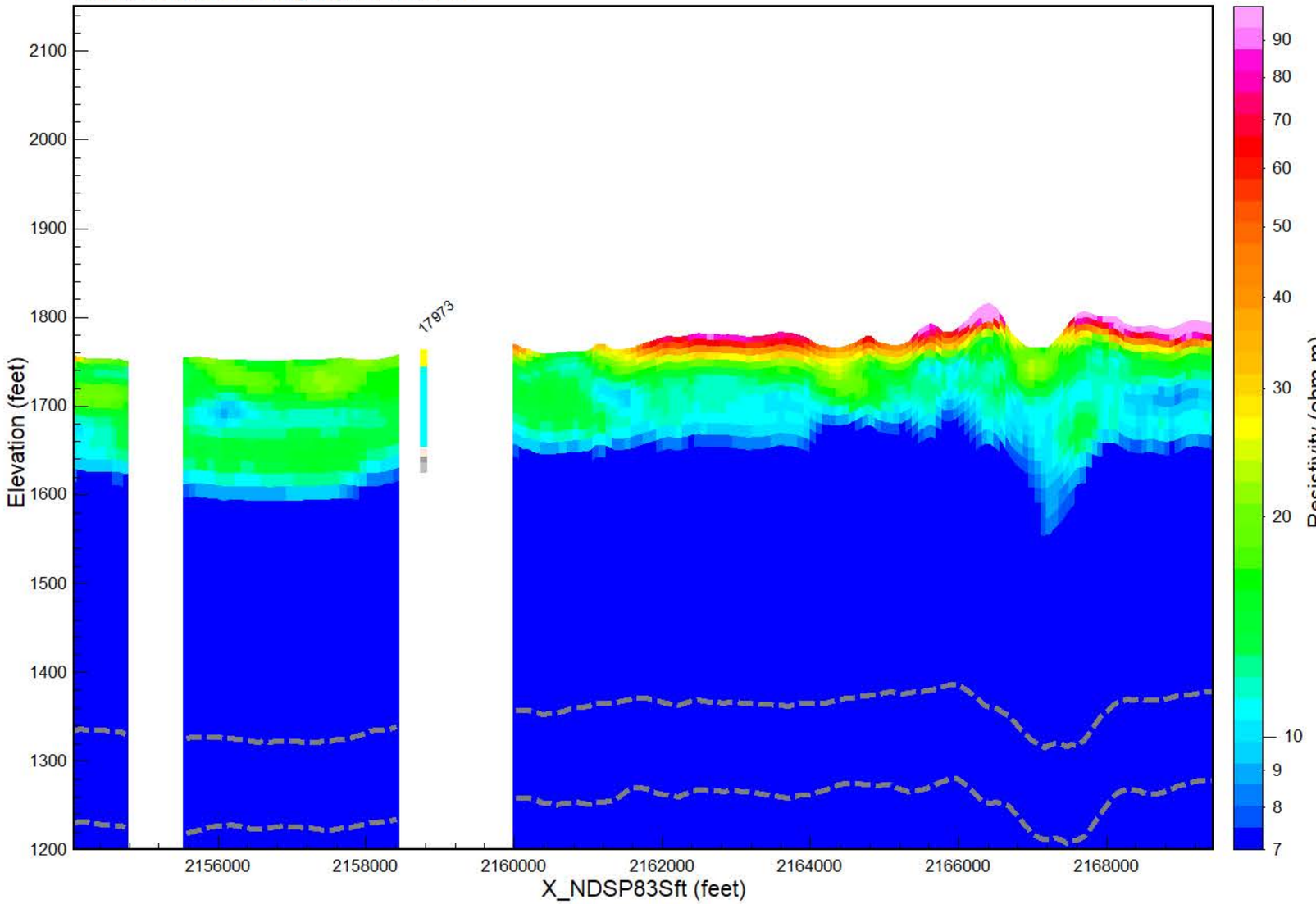
Flight Location Line L800010



AEM Survey Area 1



Final SCI Resistivity Line L800010



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,000 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

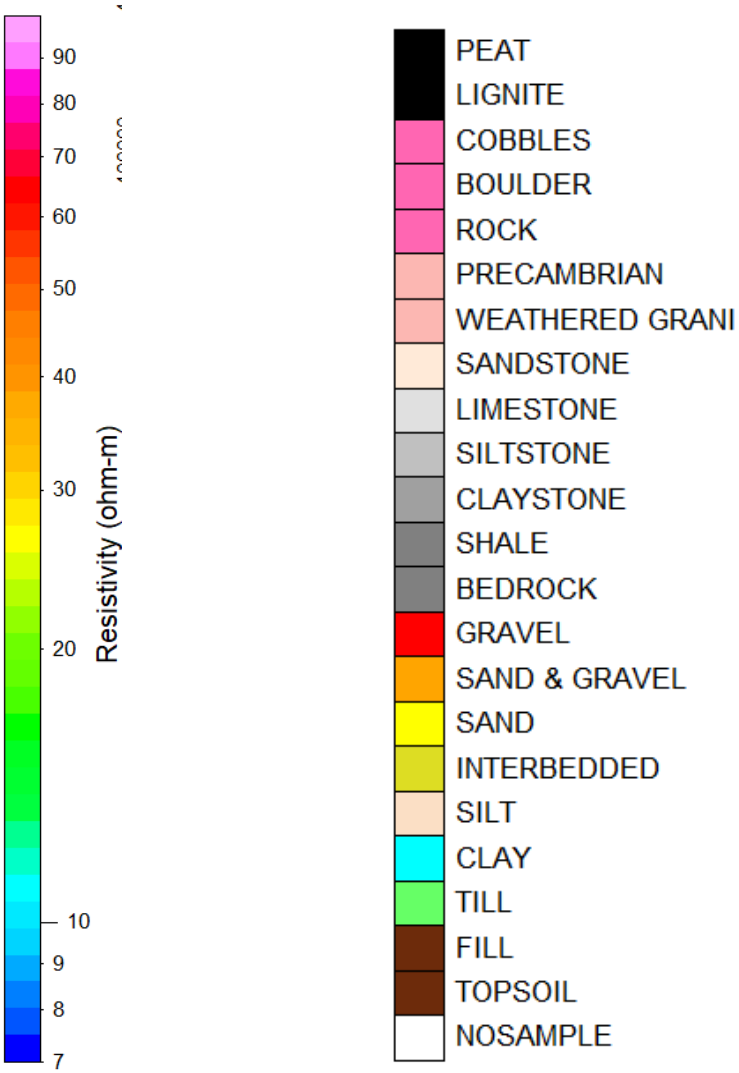
Area 1 - Appendix 1C:

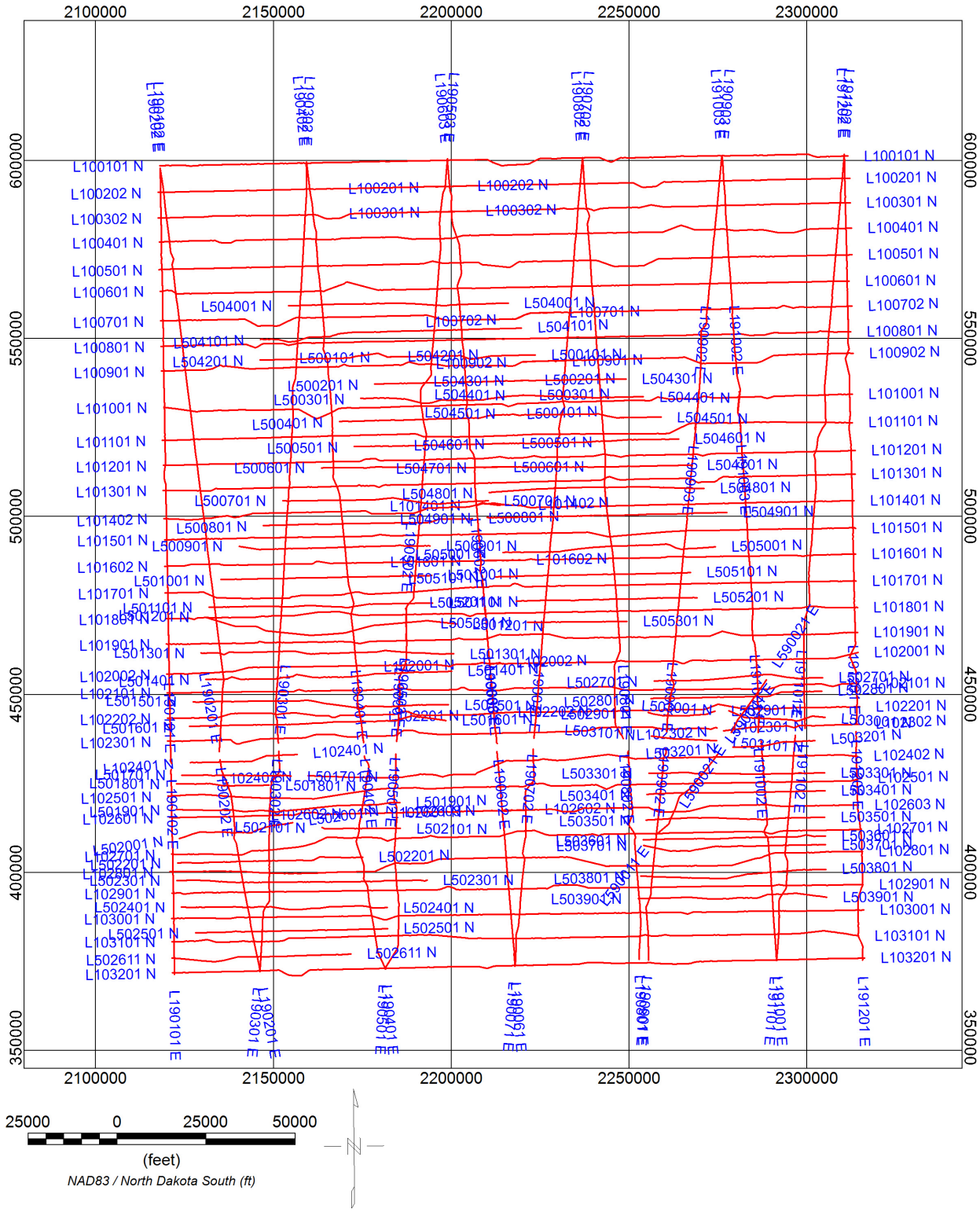
2D Profiles – ND 2024 Area 1 Inverted AEM Resistivity – Boreholes Within 1500 ft

Pages: Area 1 - A1C-3 – Area 1 - A1C-130

This document contains 2D Profiles of the 2024 North Dakota Area 1 AEM survey showing boreholes when they are within 1500 ft.

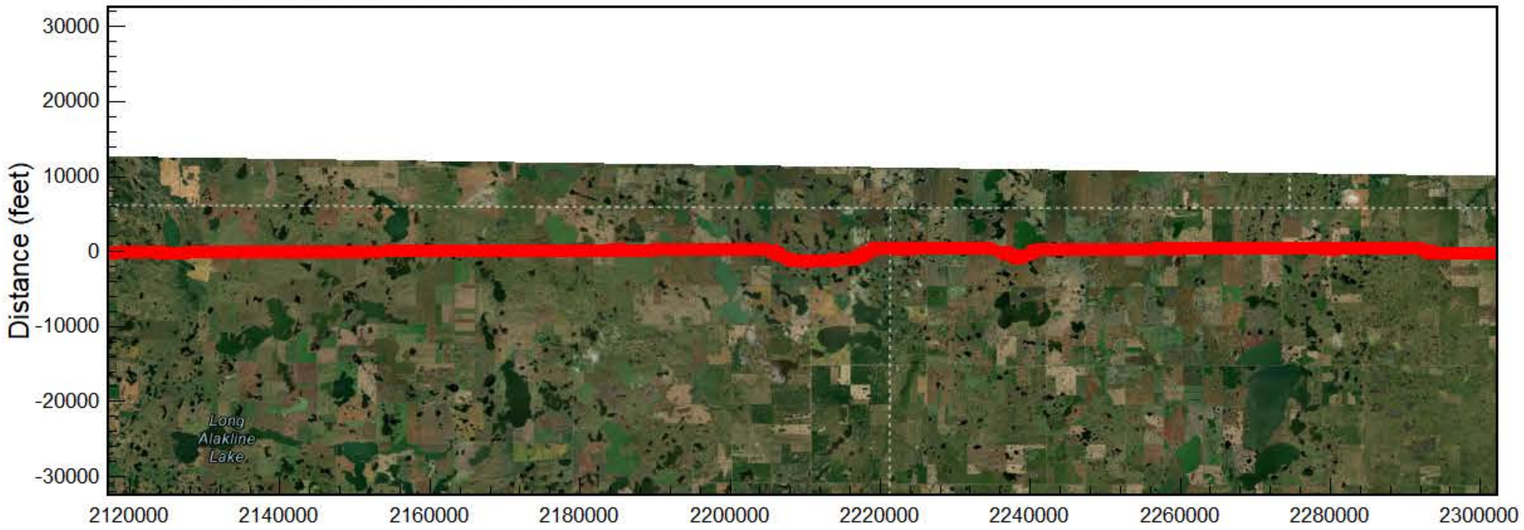
Each page has a flight line map at the top right and a flight line location view above an inverted resistivity profile. The lithology legend applies to the boreholes.



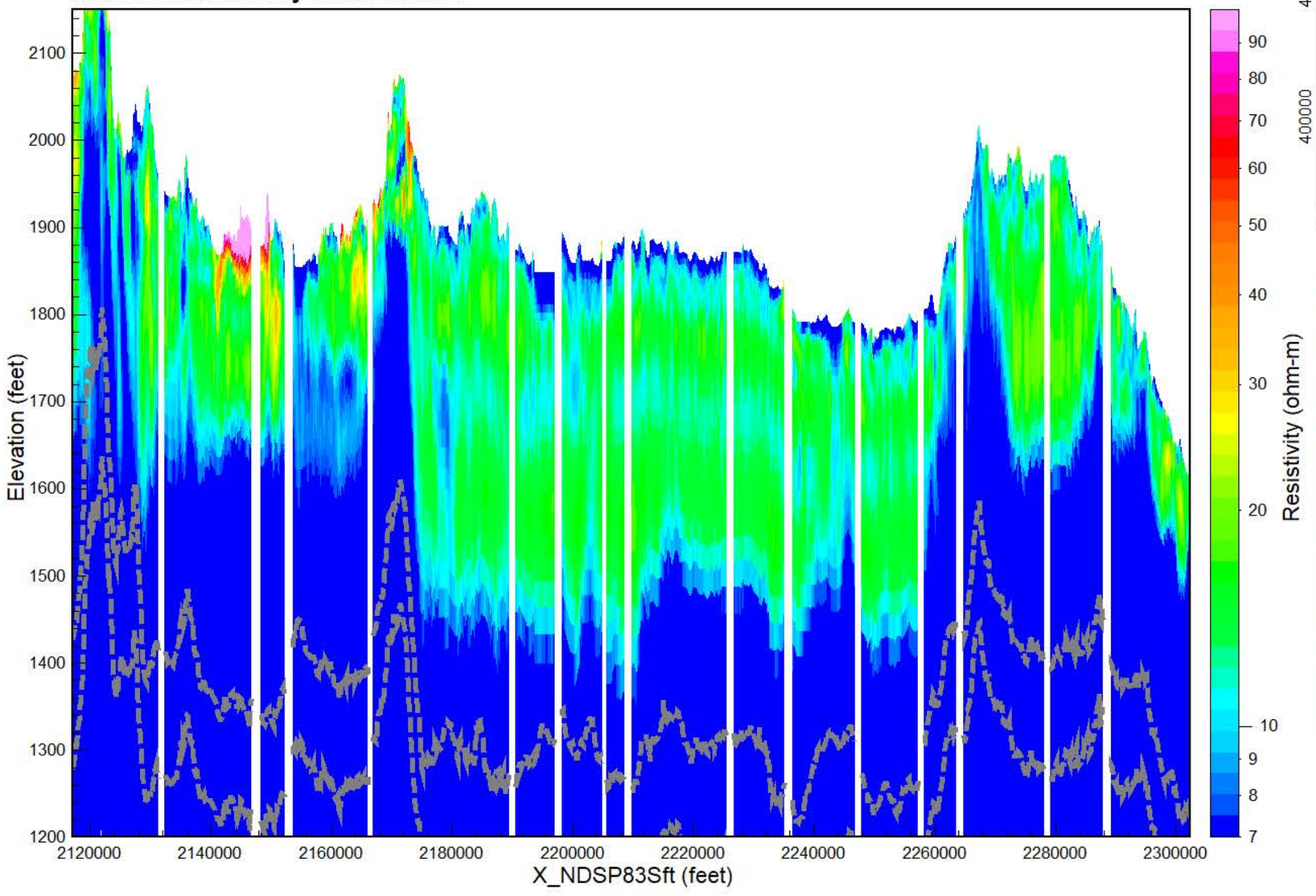


ND 2024 Area 1 Labeled Flight Lines

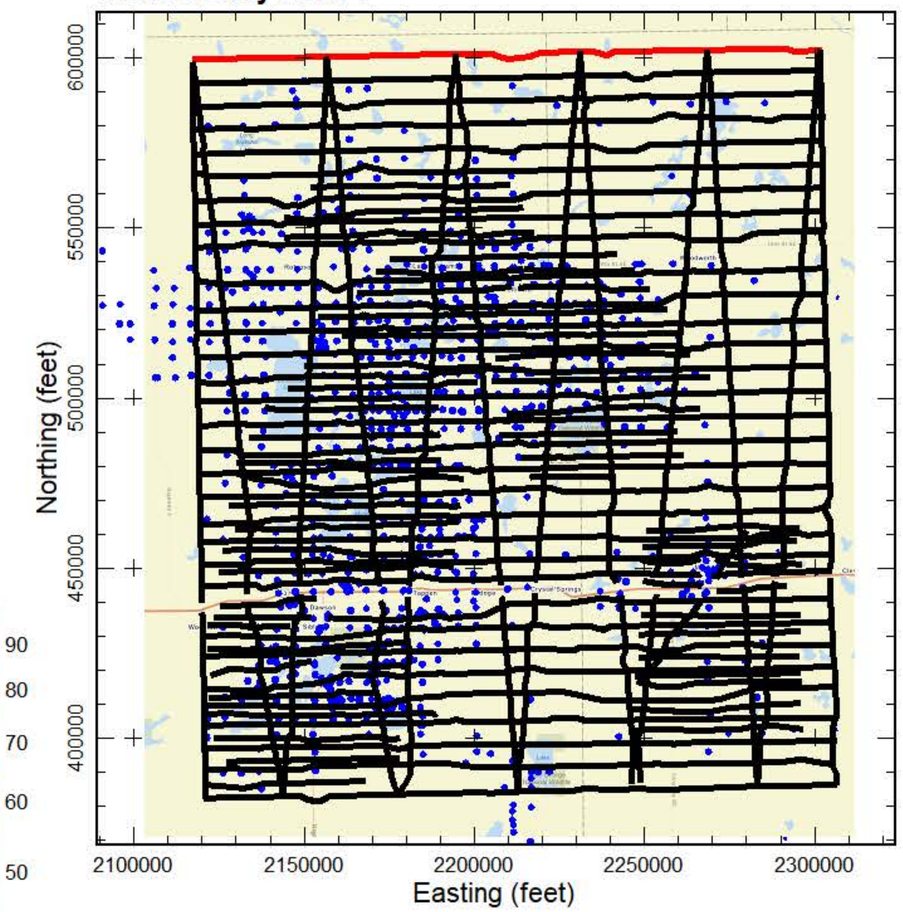
Flight Location Line L100101



Final SCI Resistivity Line L100101



AEM Survey Area 1

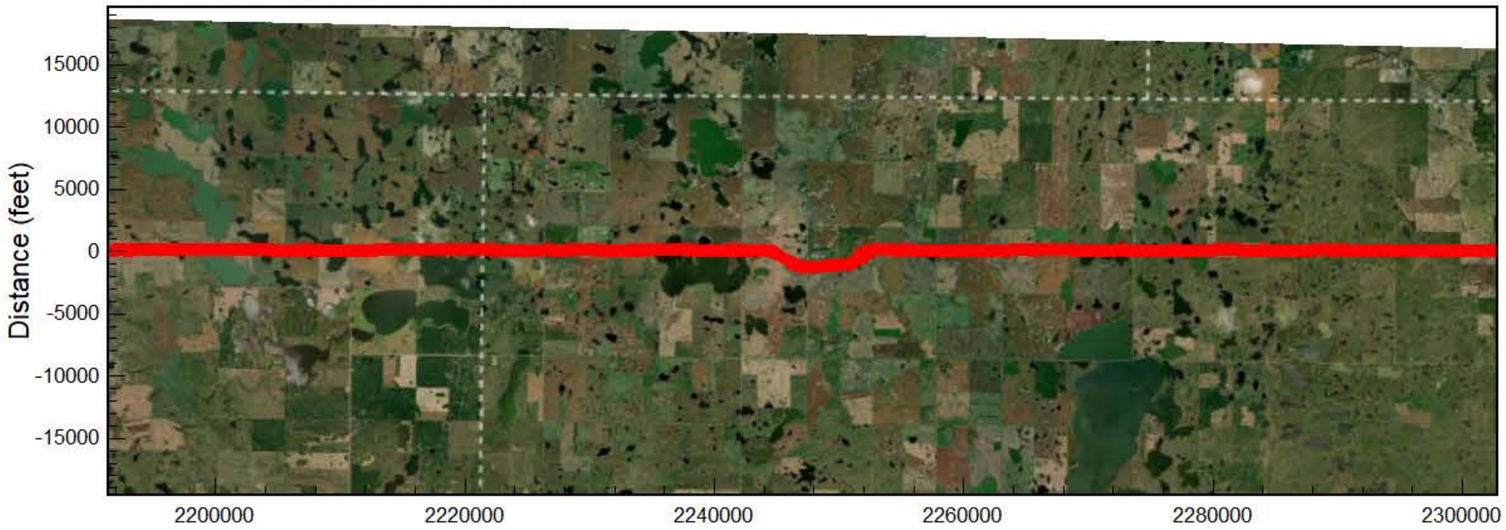


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

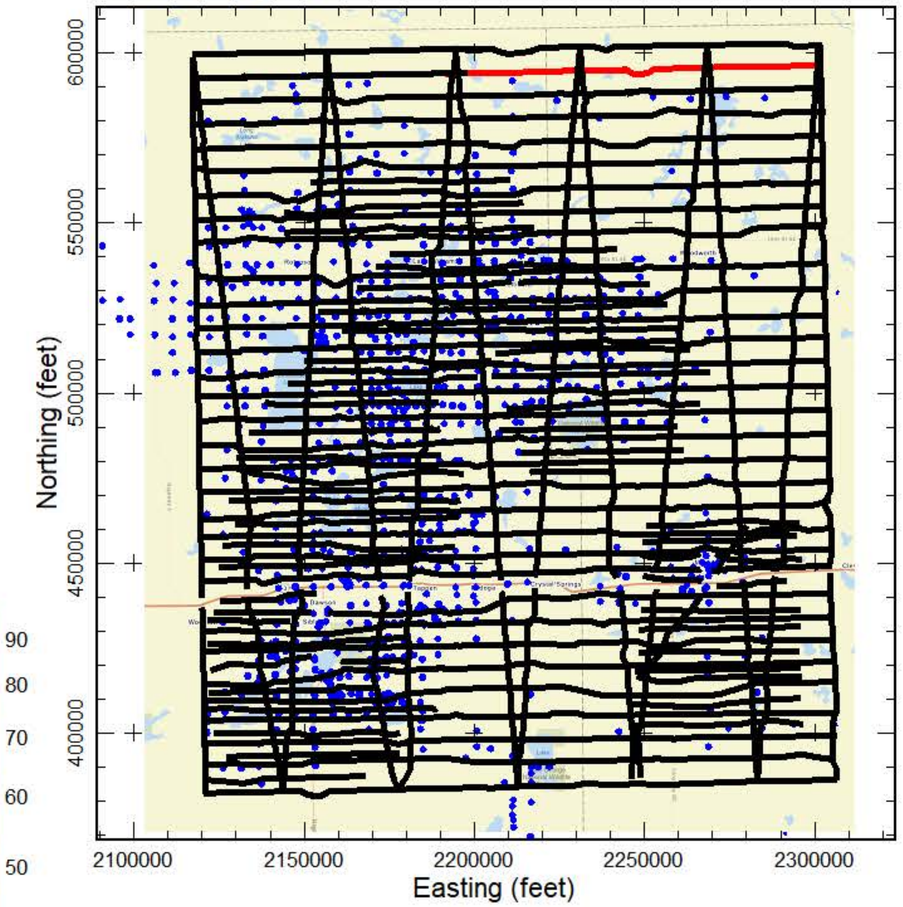
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

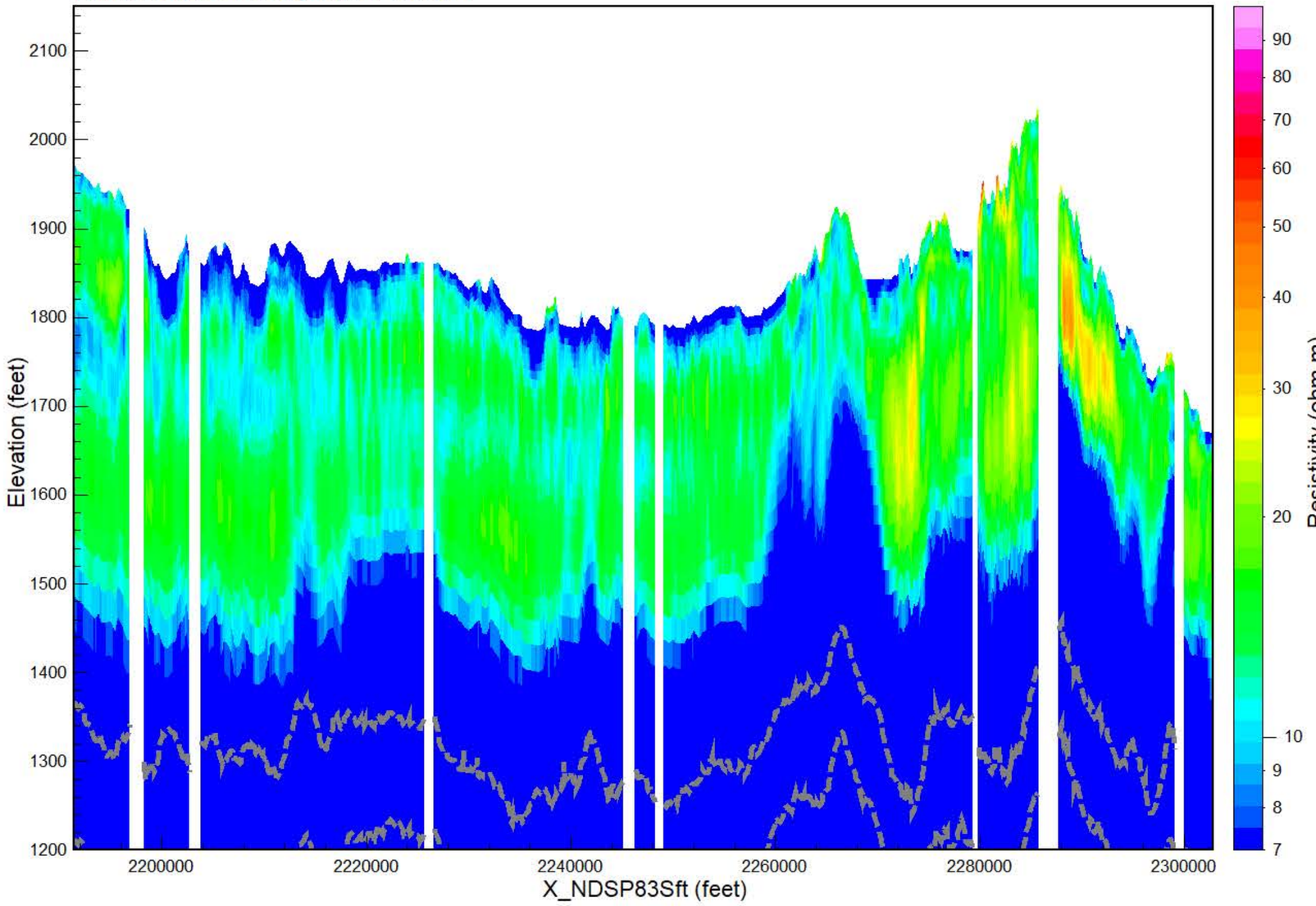
Flight Location Line L100201



AEM Survey Area 1



Final SCI Resistivity Line L100201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

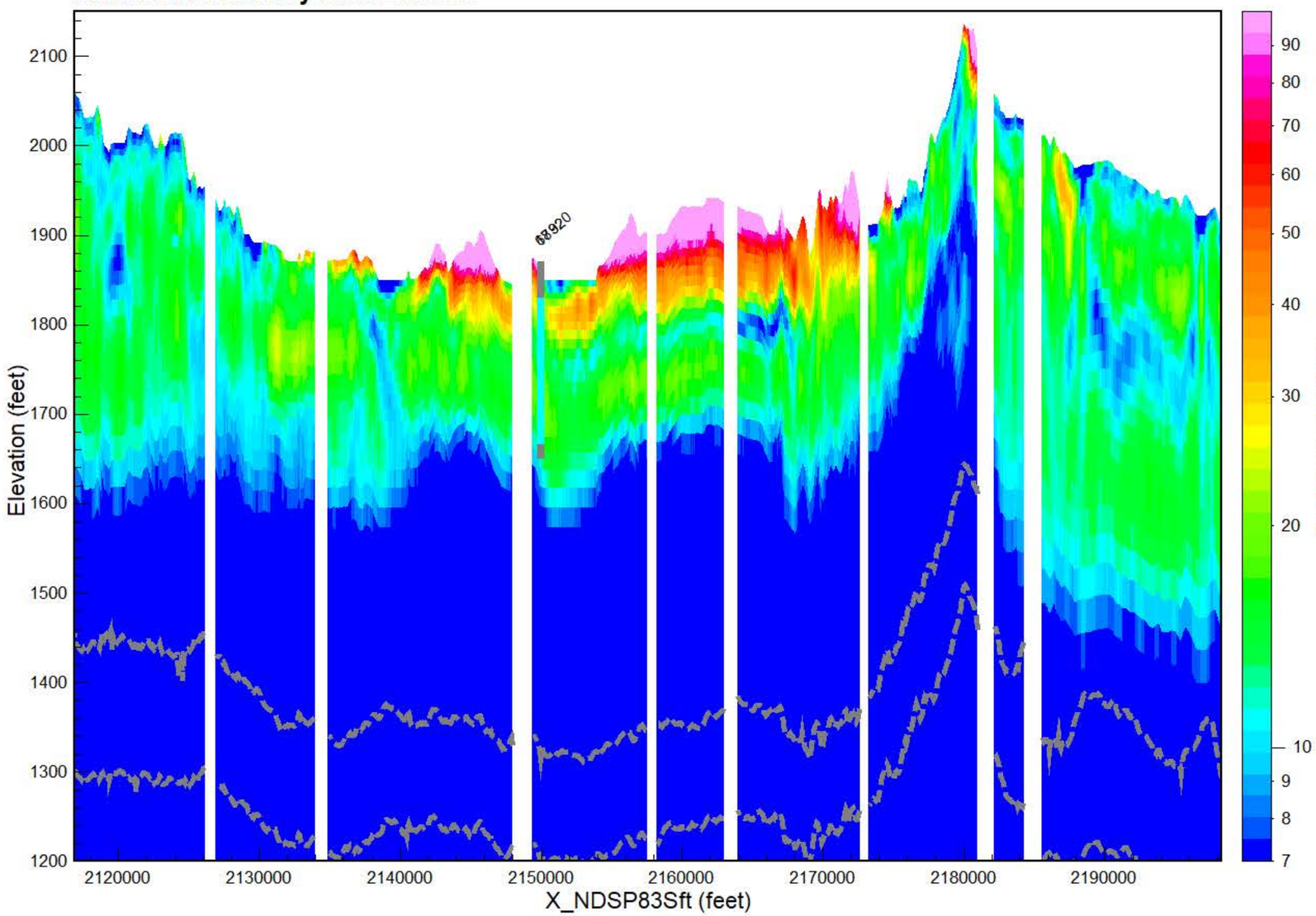
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

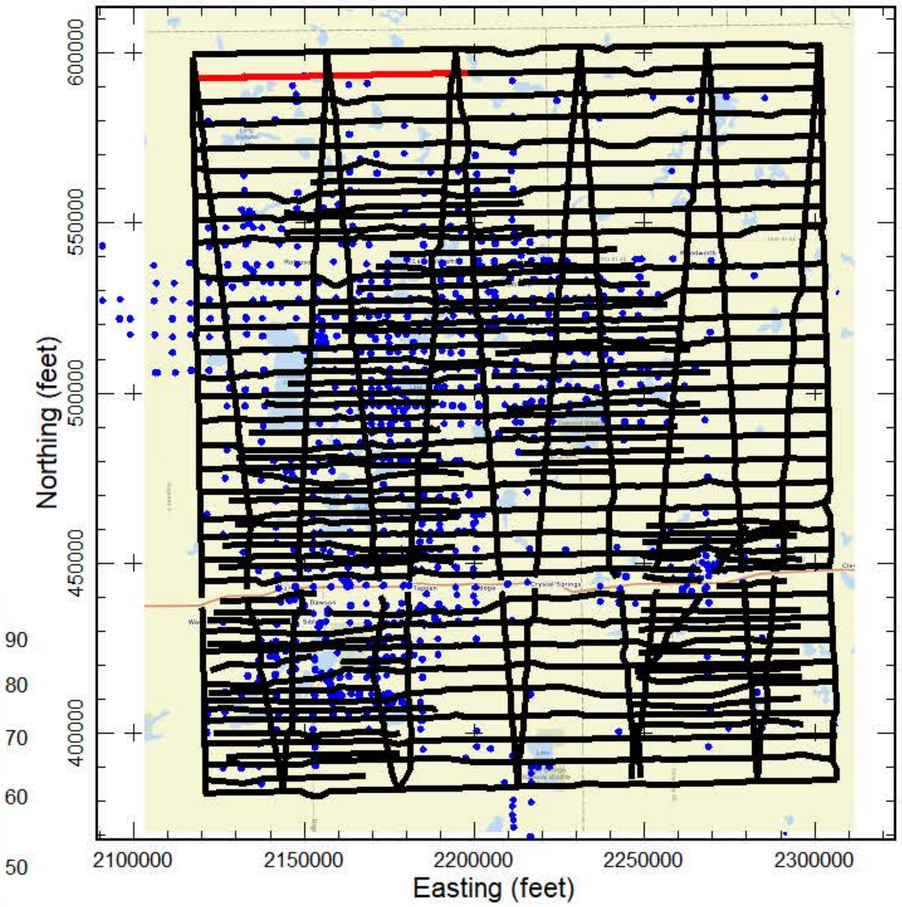
Flight Location Line L100202



Final SCI Resistivity Line L100202



AEM Survey Area 1

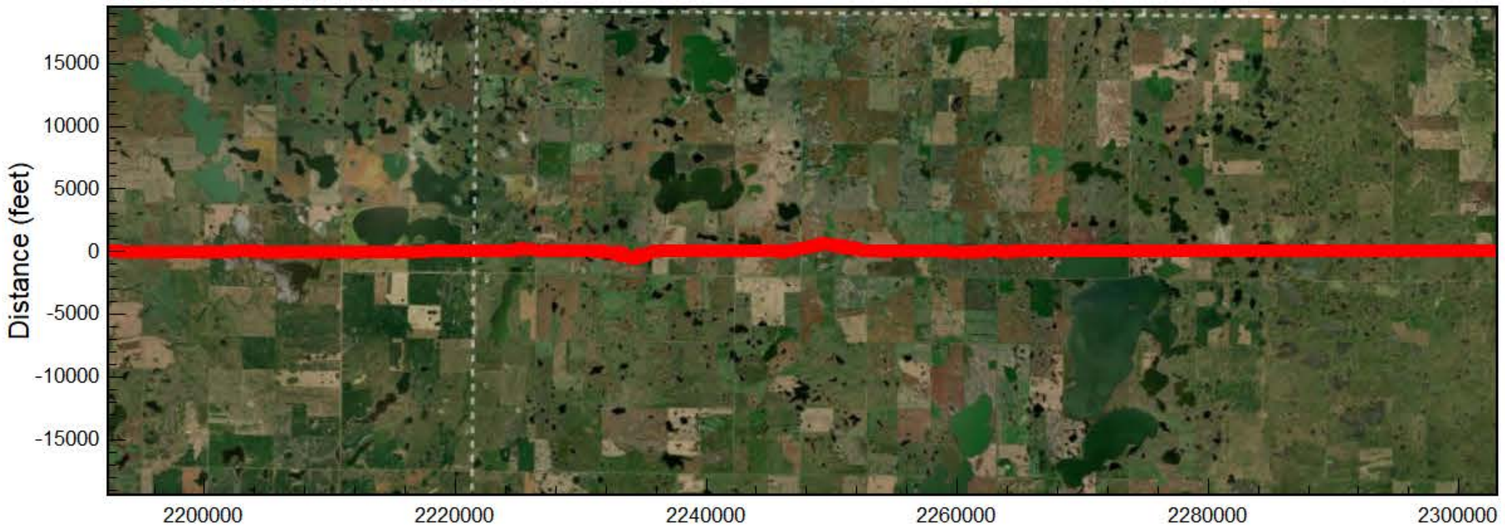


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

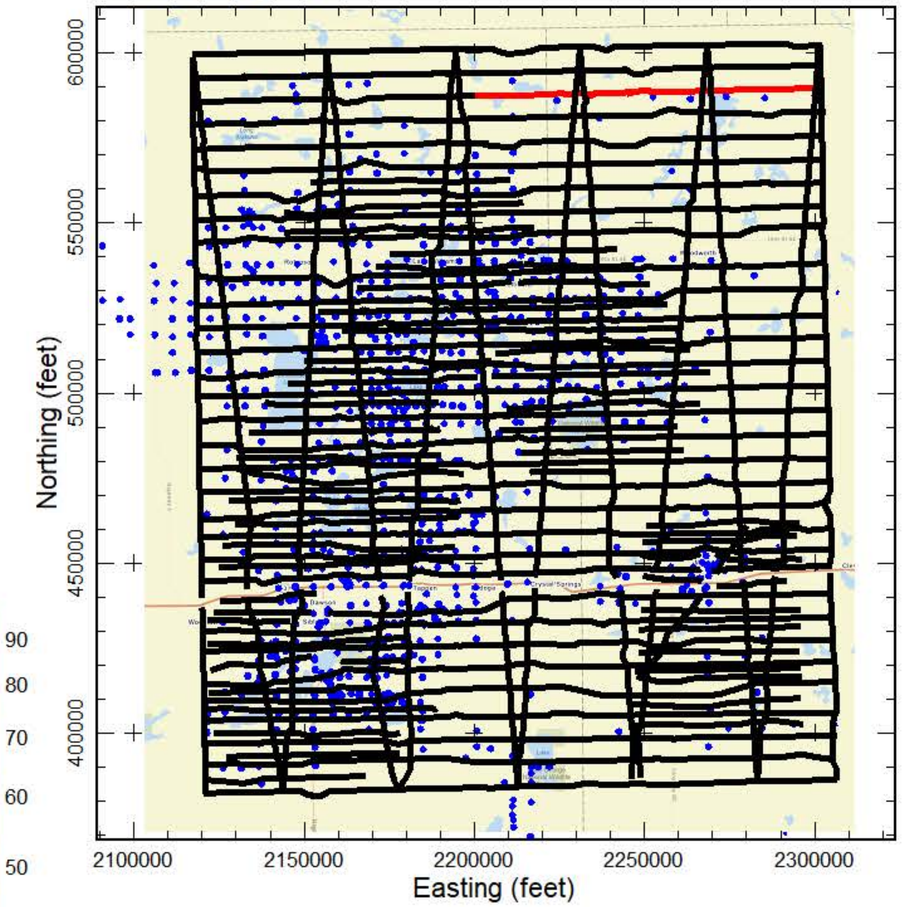
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

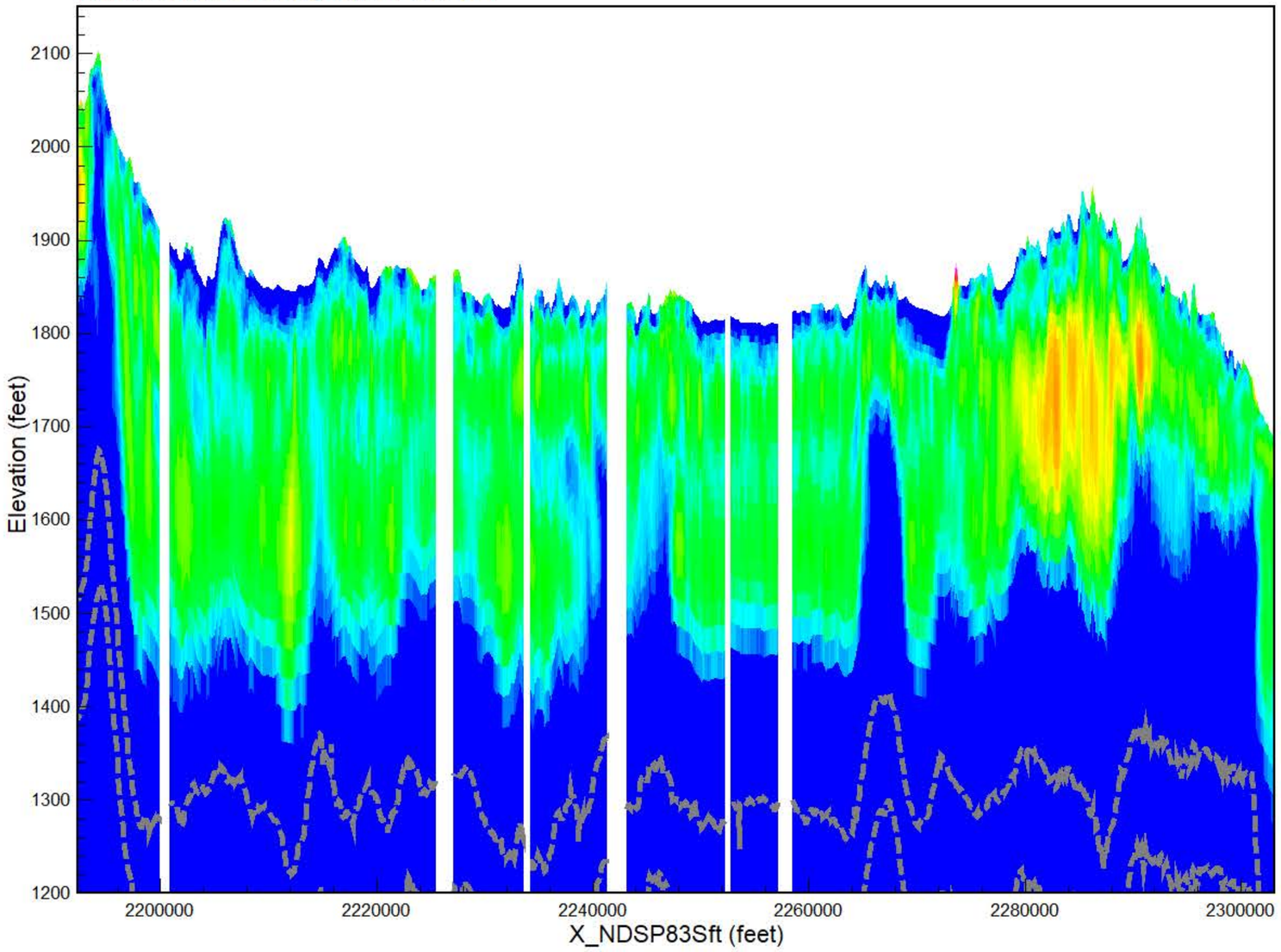
Flight Location Line L100301

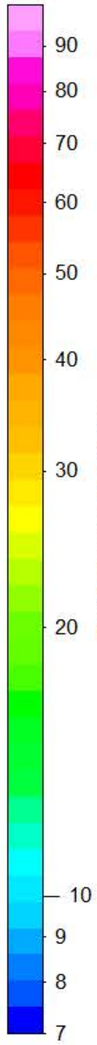


AEM Survey Area 1



Final SCI Resistivity Line L100301



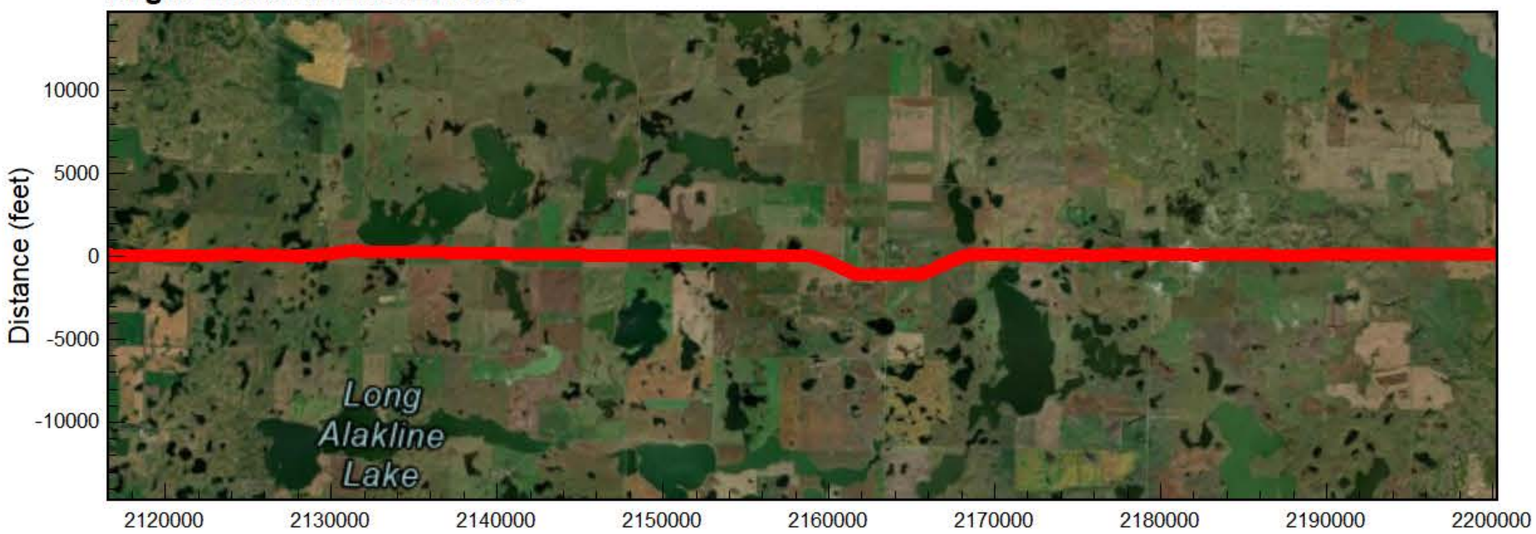


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

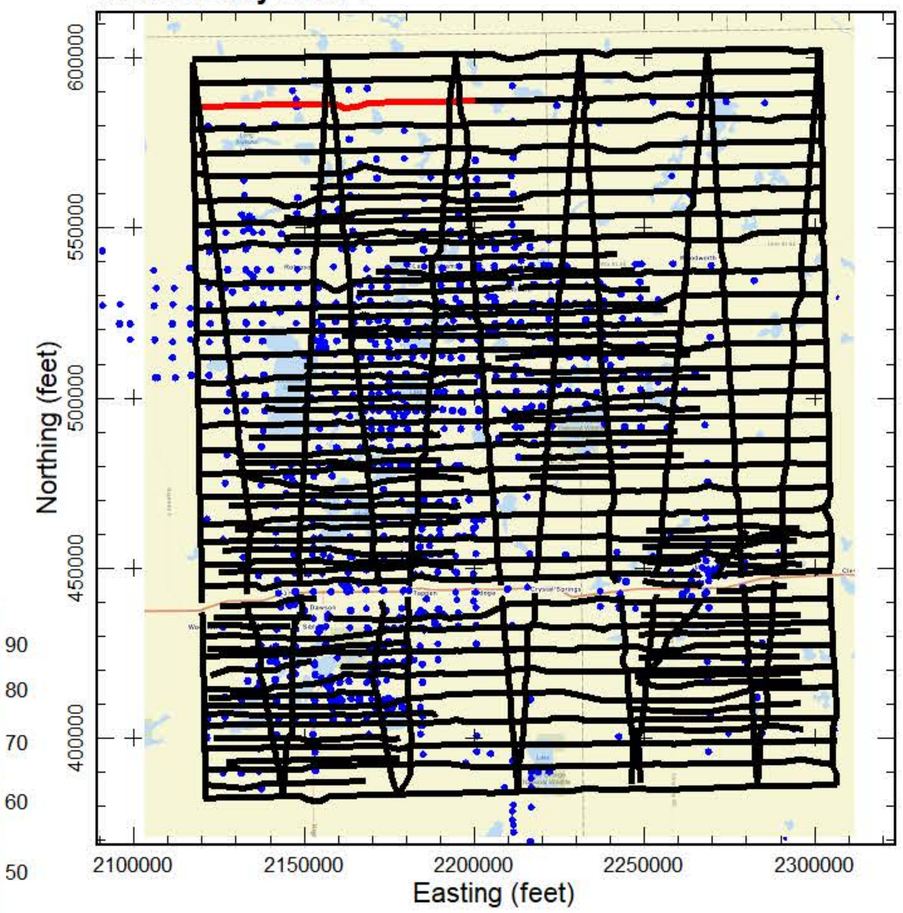
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

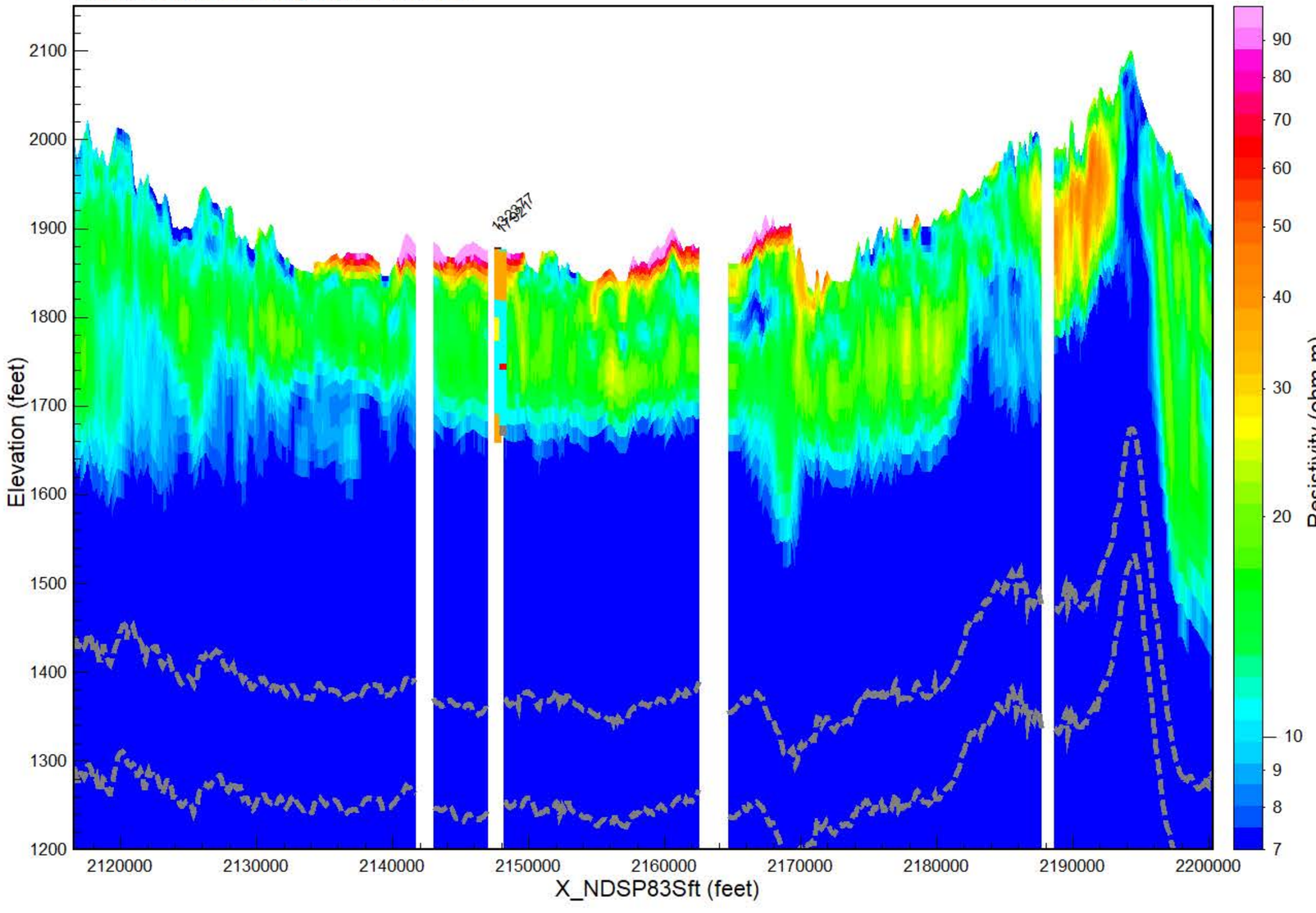
Flight Location Line L100302



AEM Survey Area 1



Final SCI Resistivity Line L100302

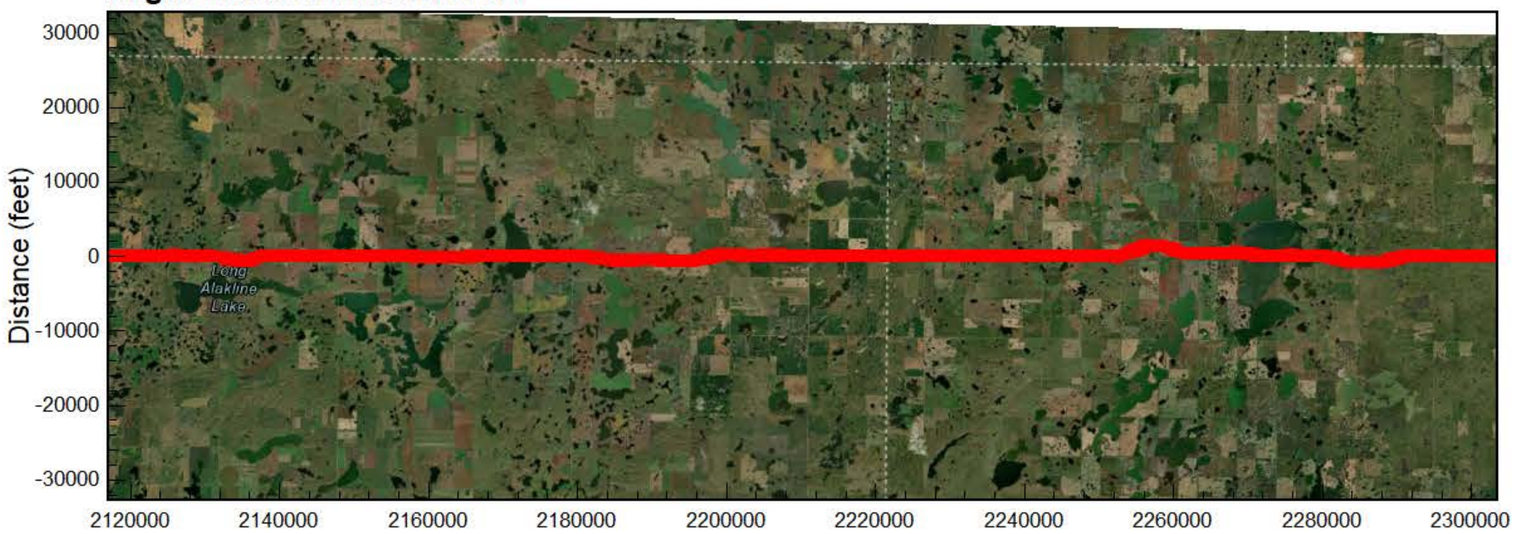


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

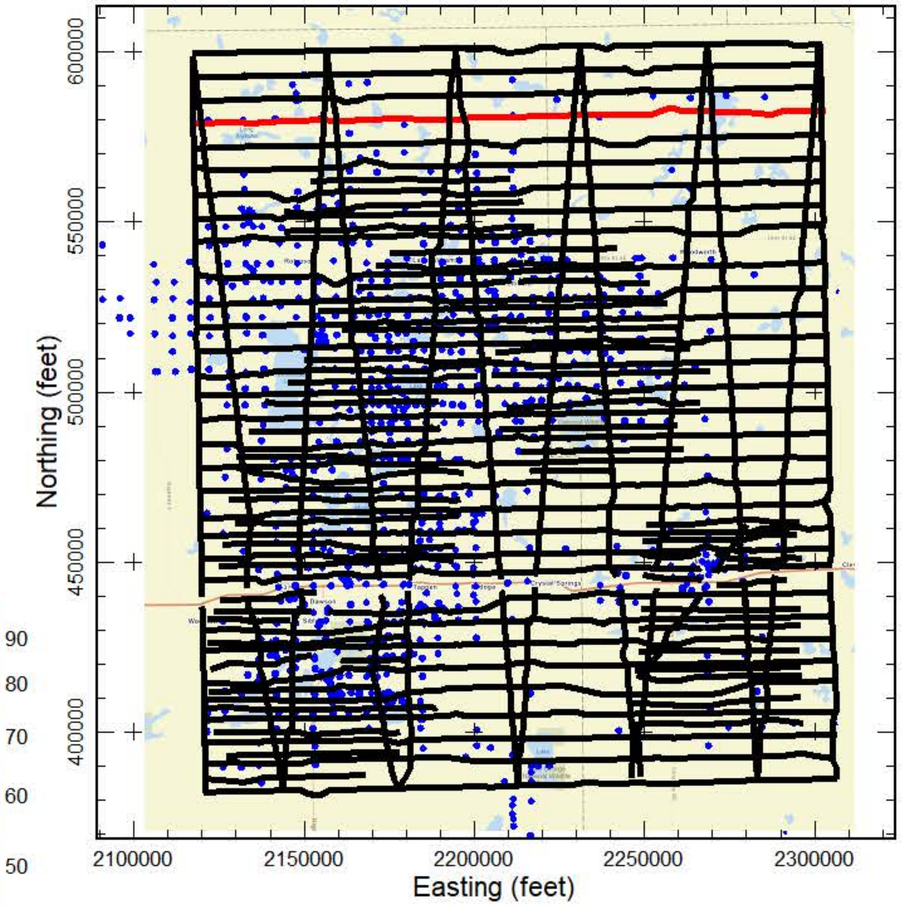
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

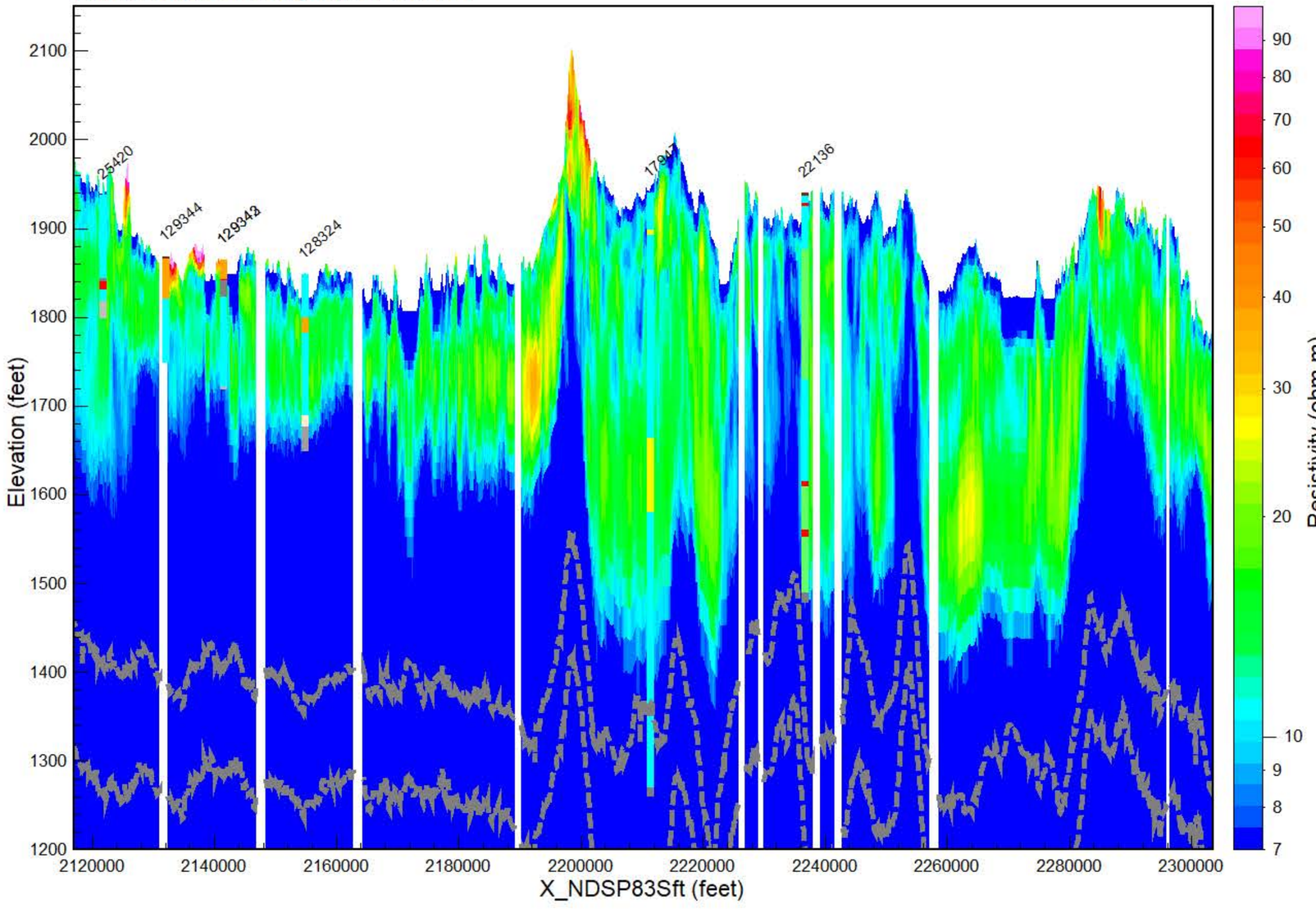
Flight Location Line L100401



AEM Survey Area 1



Final SCI Resistivity Line L100401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

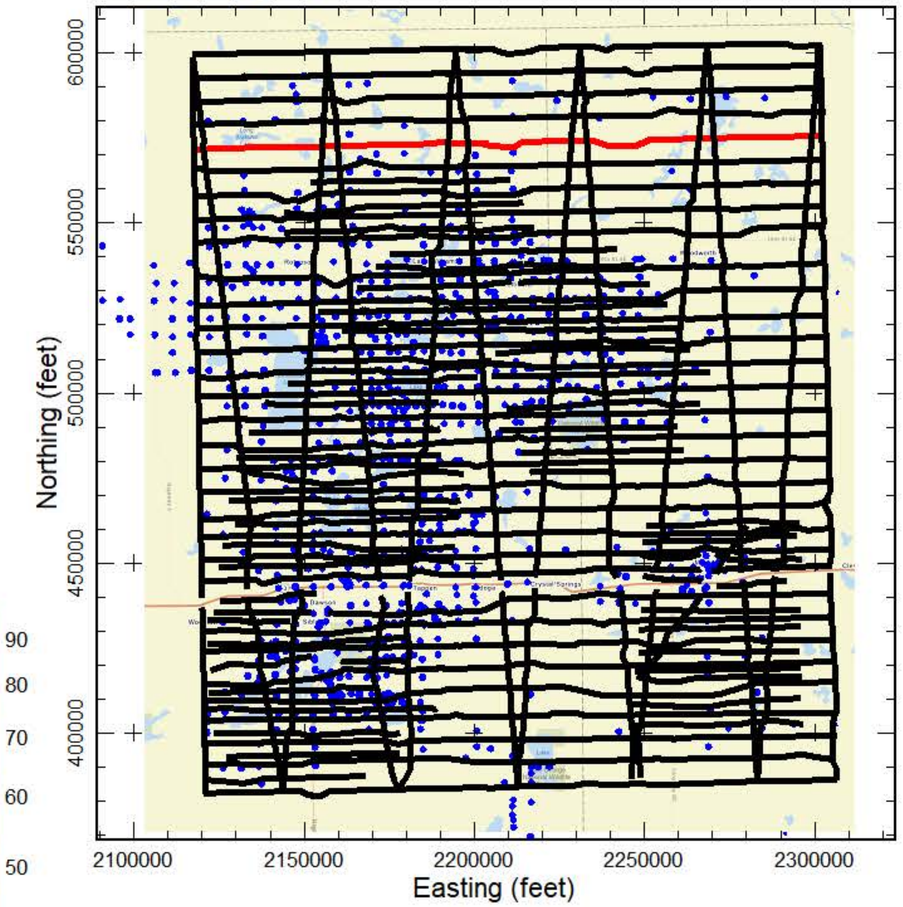
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

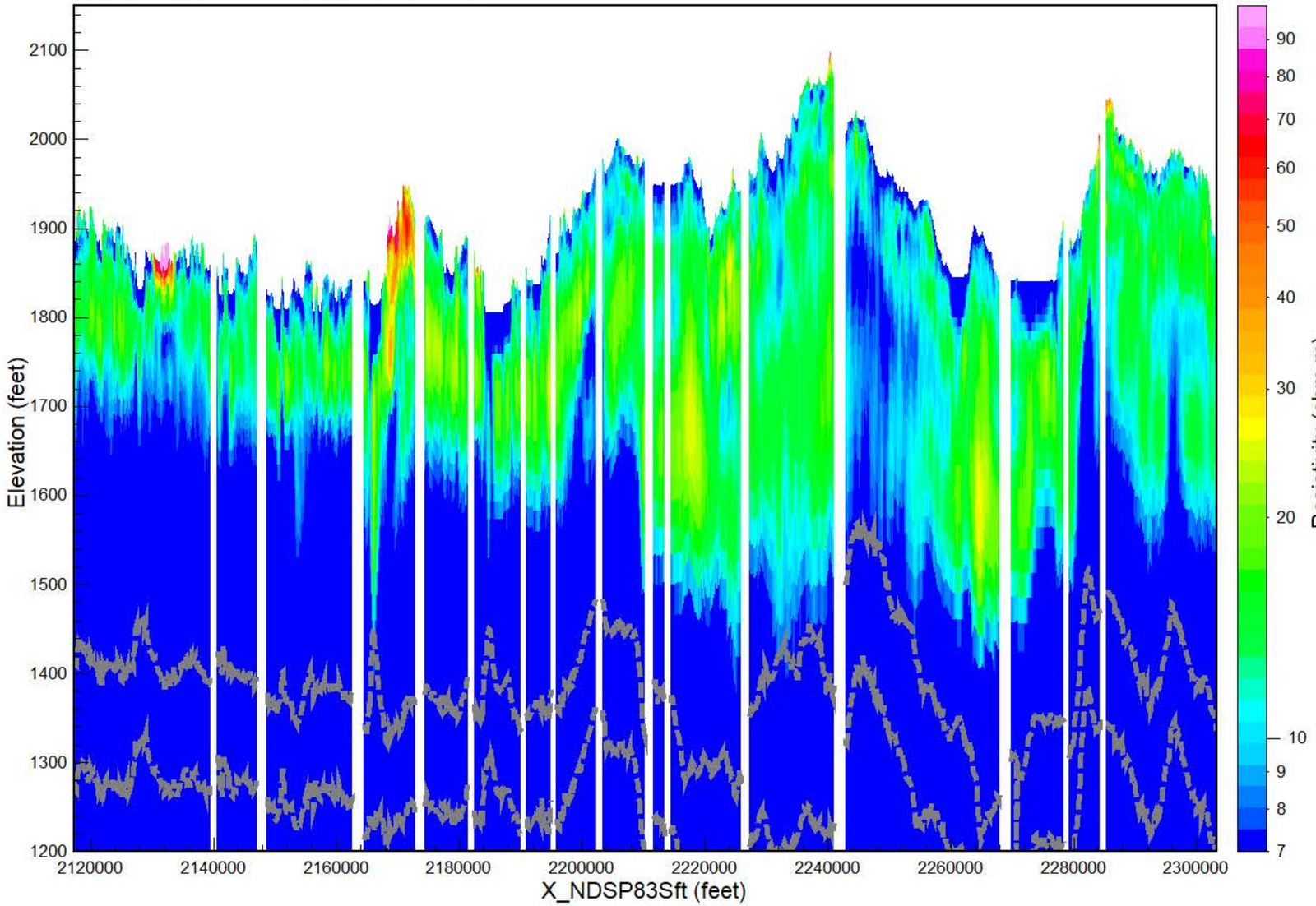
Flight Location Line L100501



AEM Survey Area 1



Final SCI Resistivity Line L100501

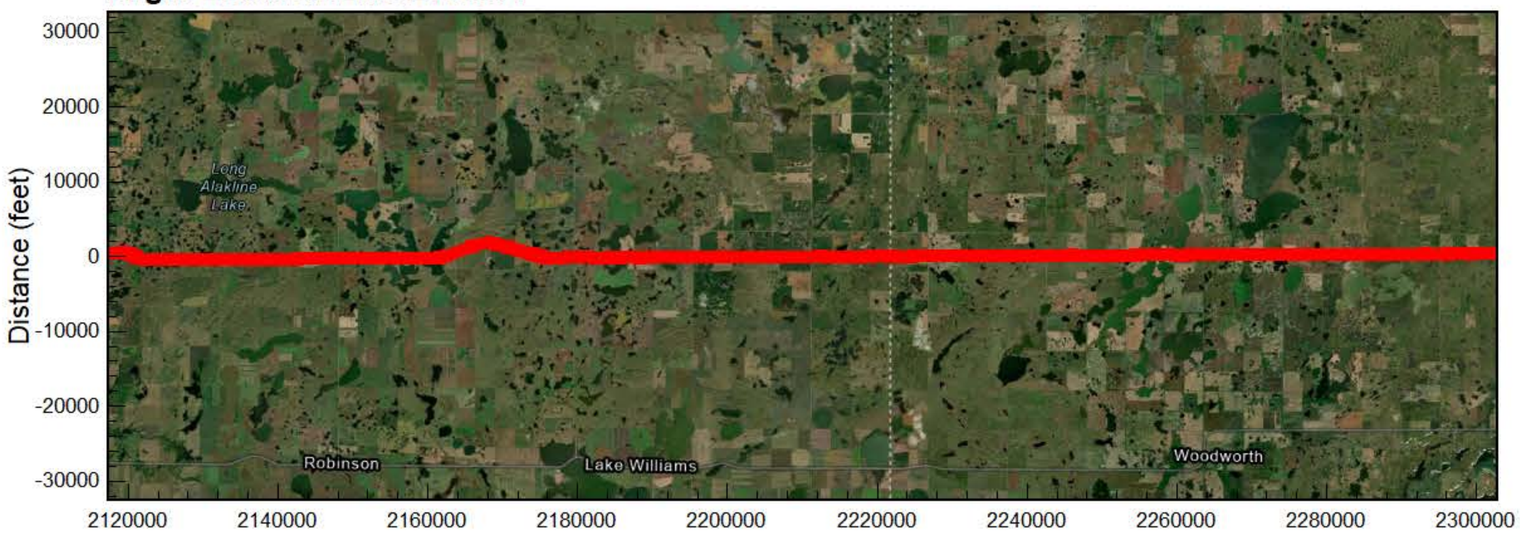


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

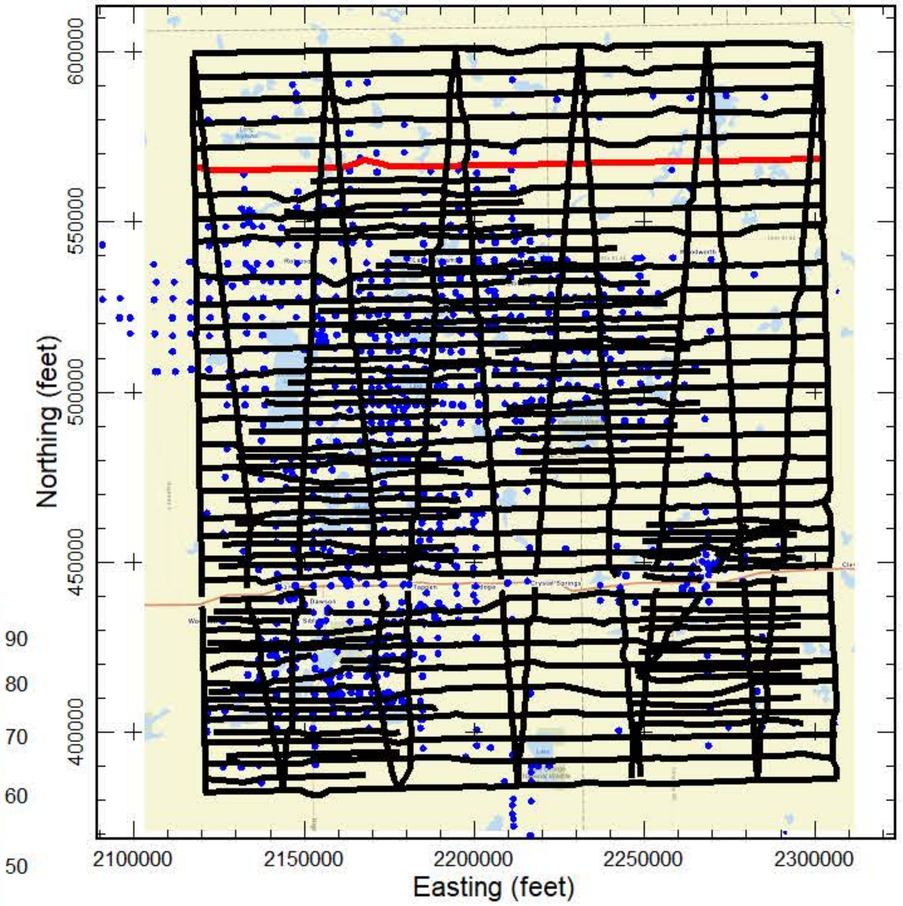
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

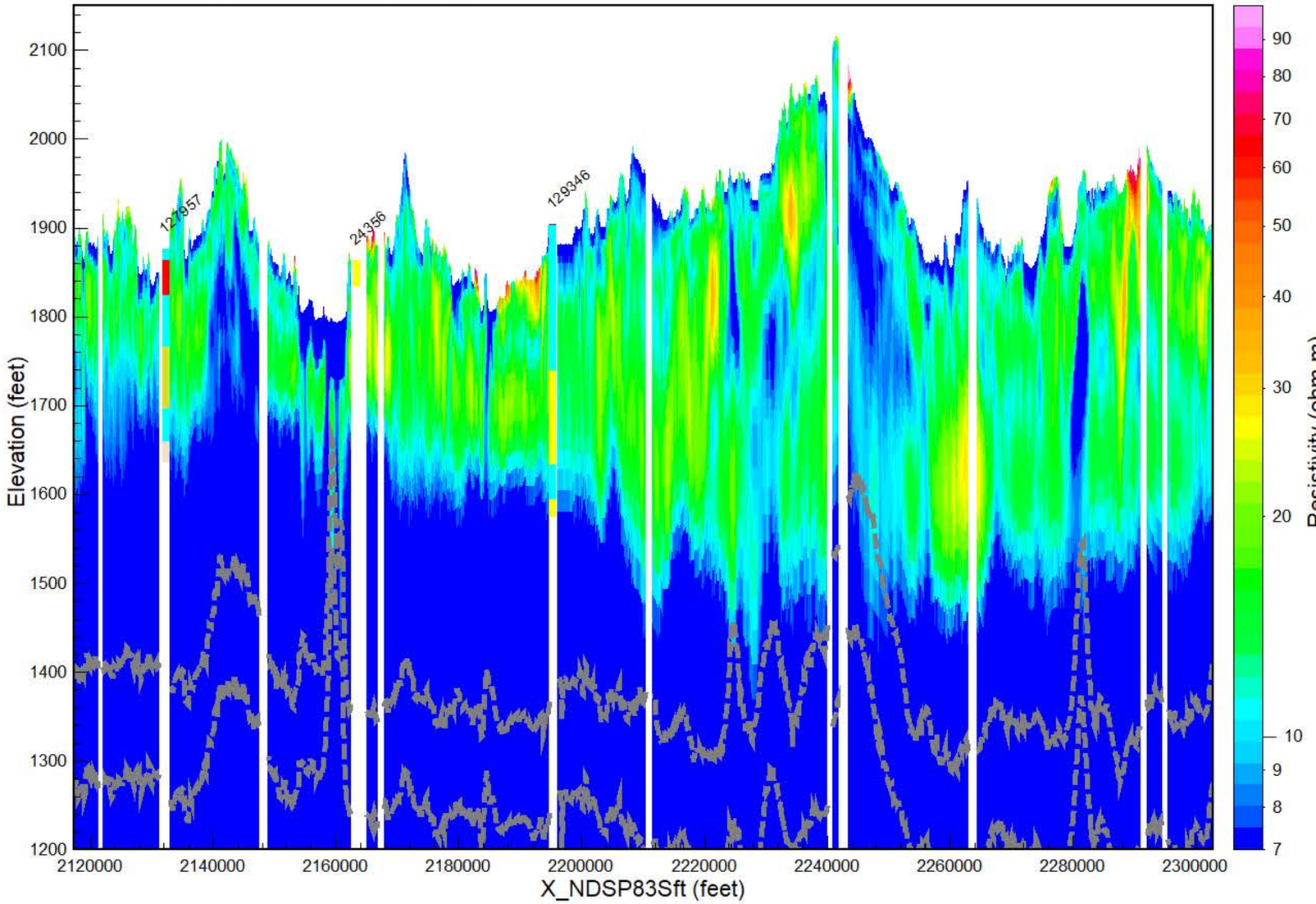
Flight Location Line L100601



AEM Survey Area 1



Final SCI Resistivity Line L100601

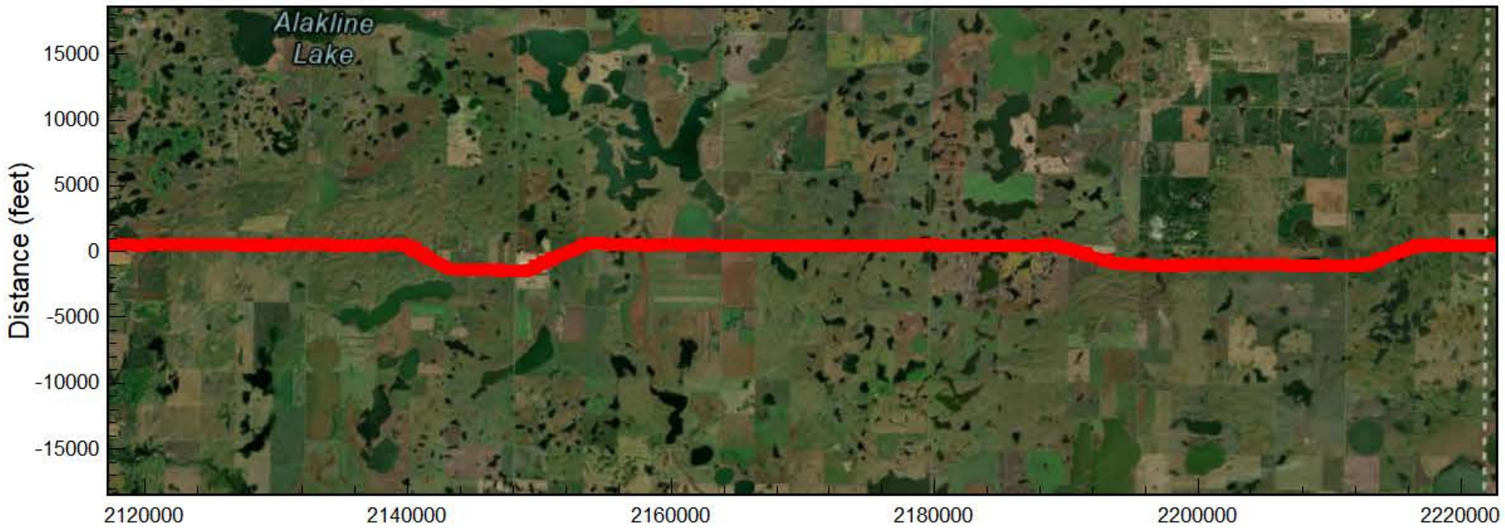


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

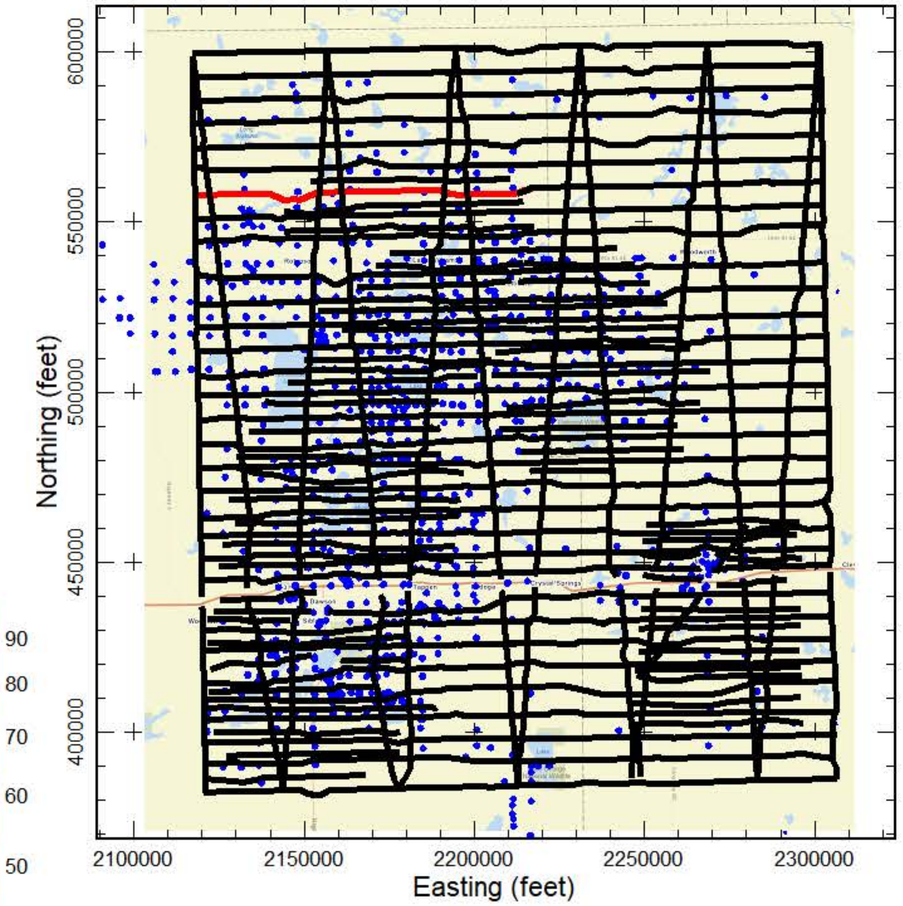
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

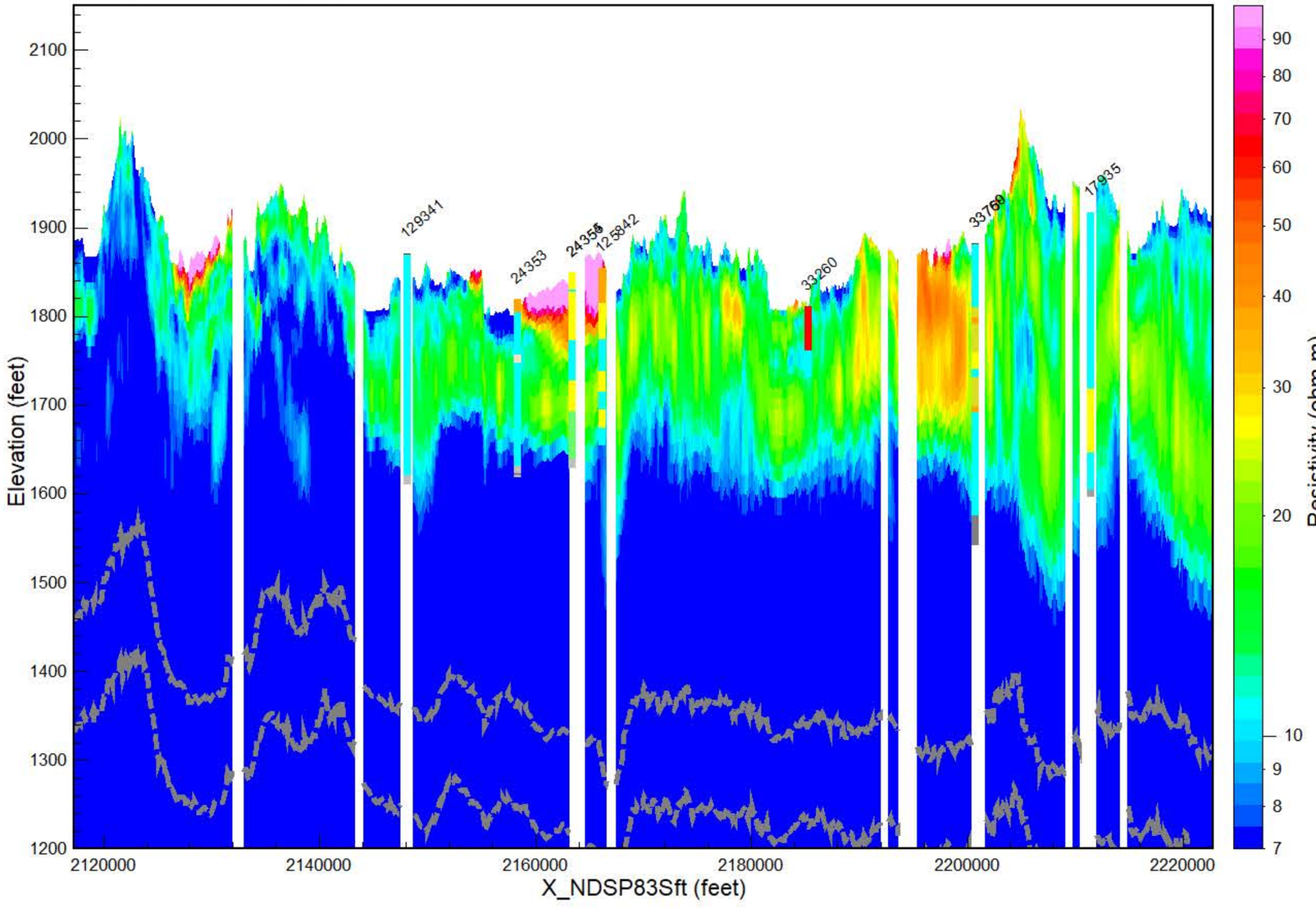
Flight Location Line L100701



AEM Survey Area 1



Final SCI Resistivity Line L100701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

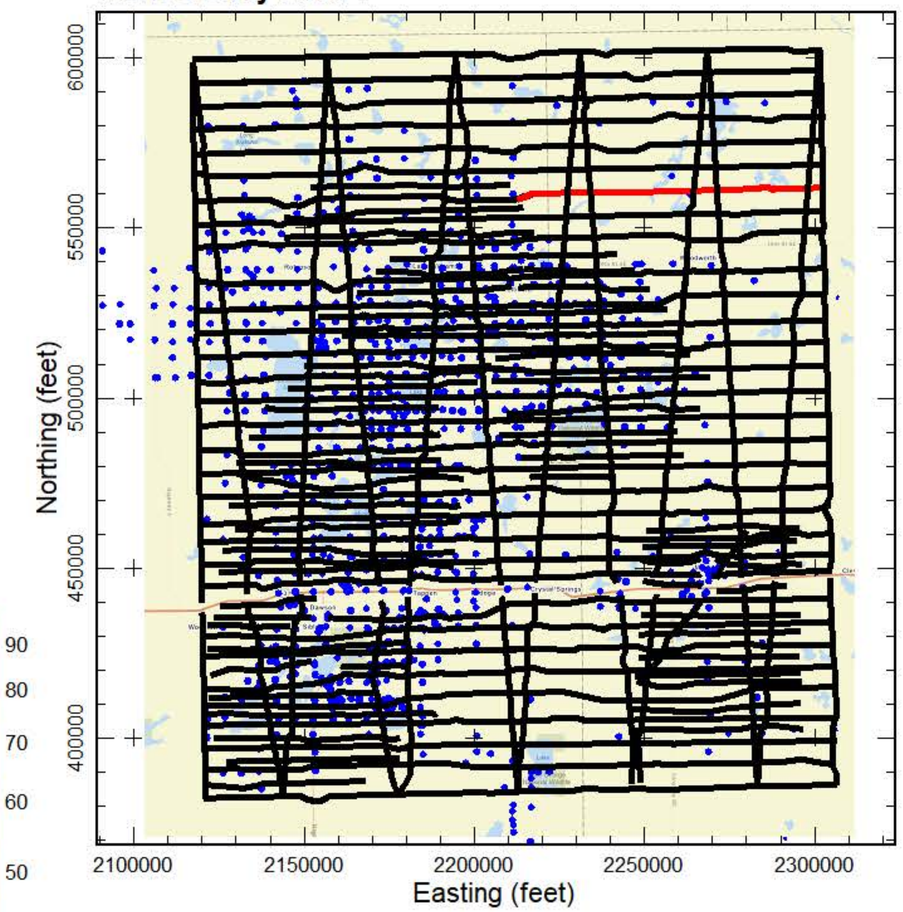
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

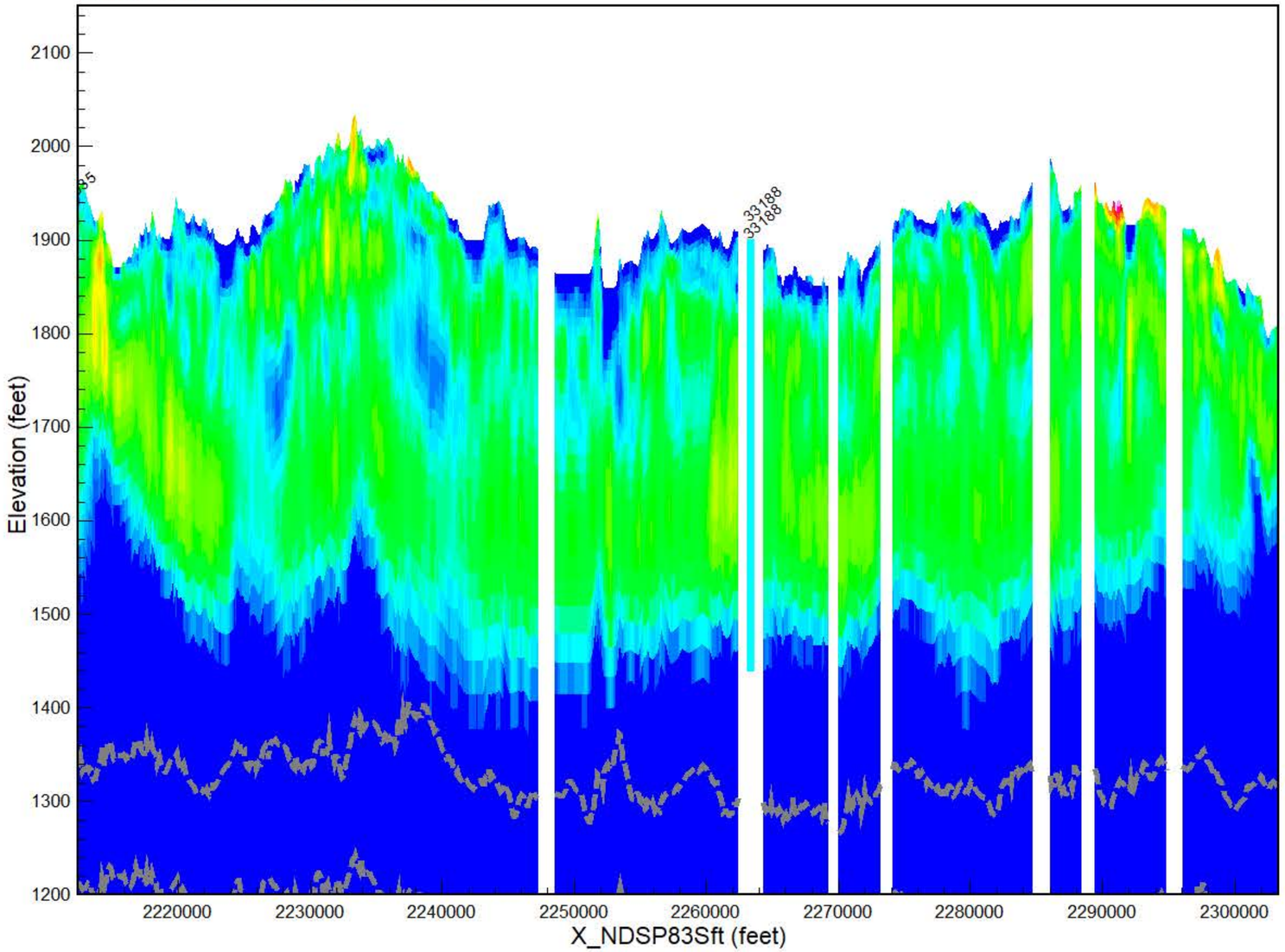
Flight Location Line L100702

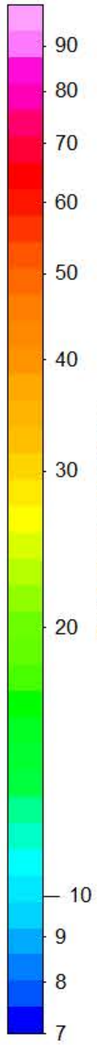


AEM Survey Area 1

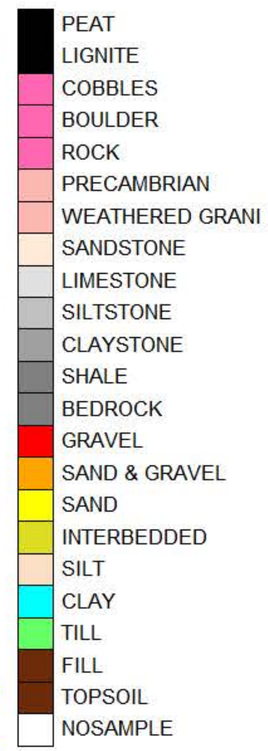


Final SCI Resistivity Line L100702



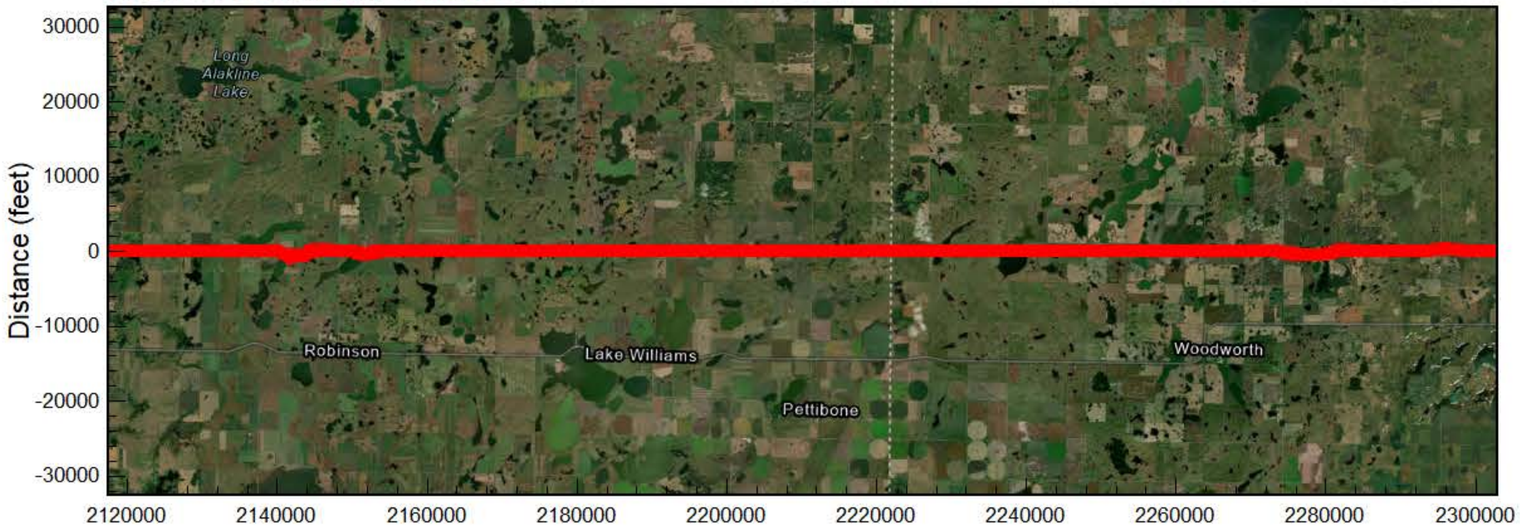


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

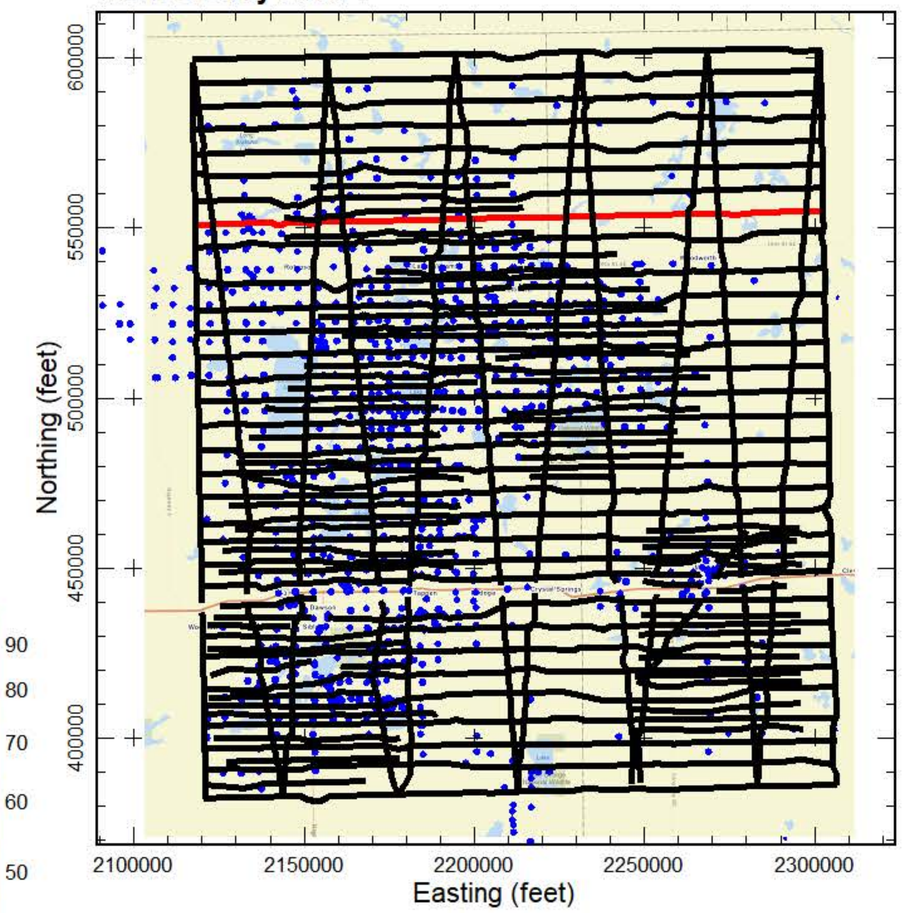


AGF
Aqua Geo Frameworks

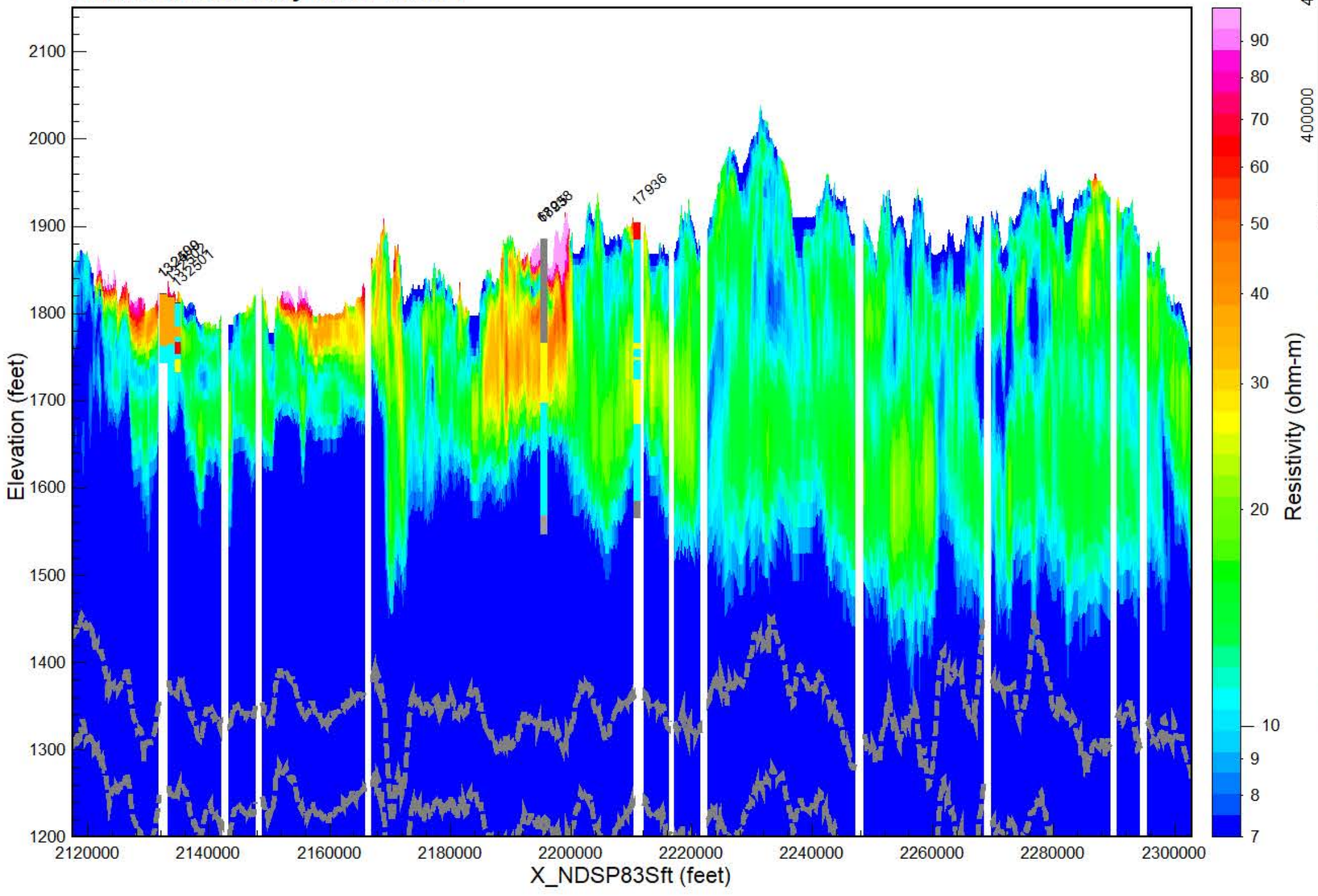
Flight Location Line L100801



AEM Survey Area 1



Final SCI Resistivity Line L100801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

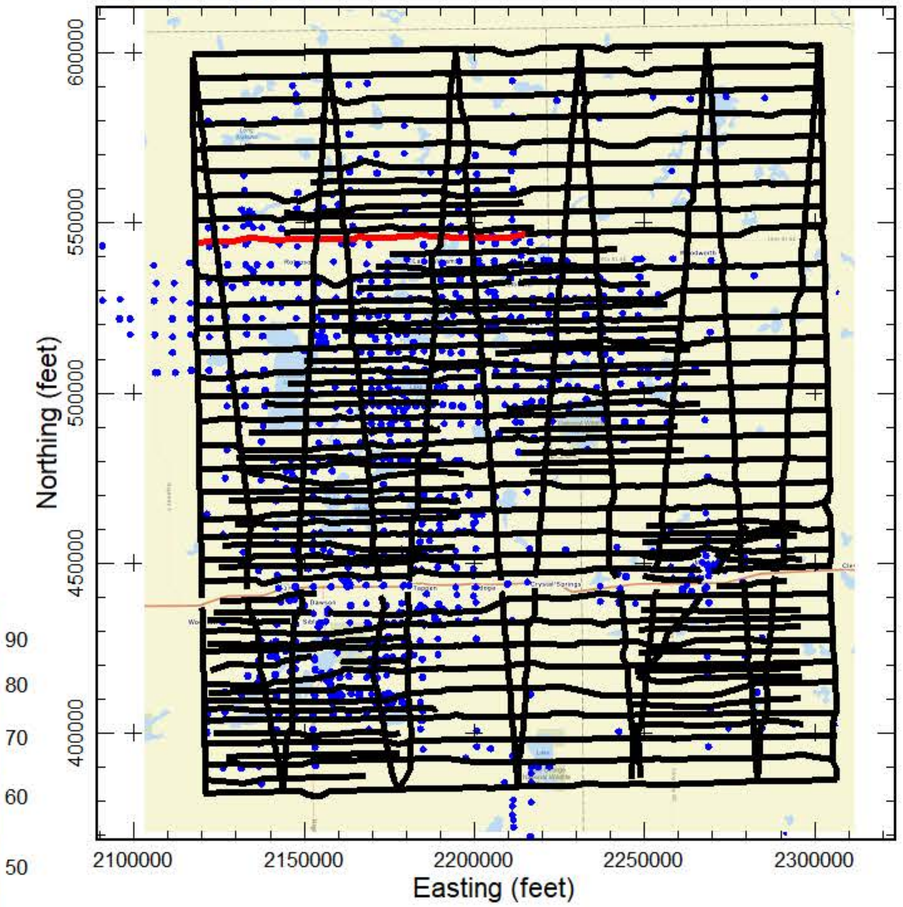
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

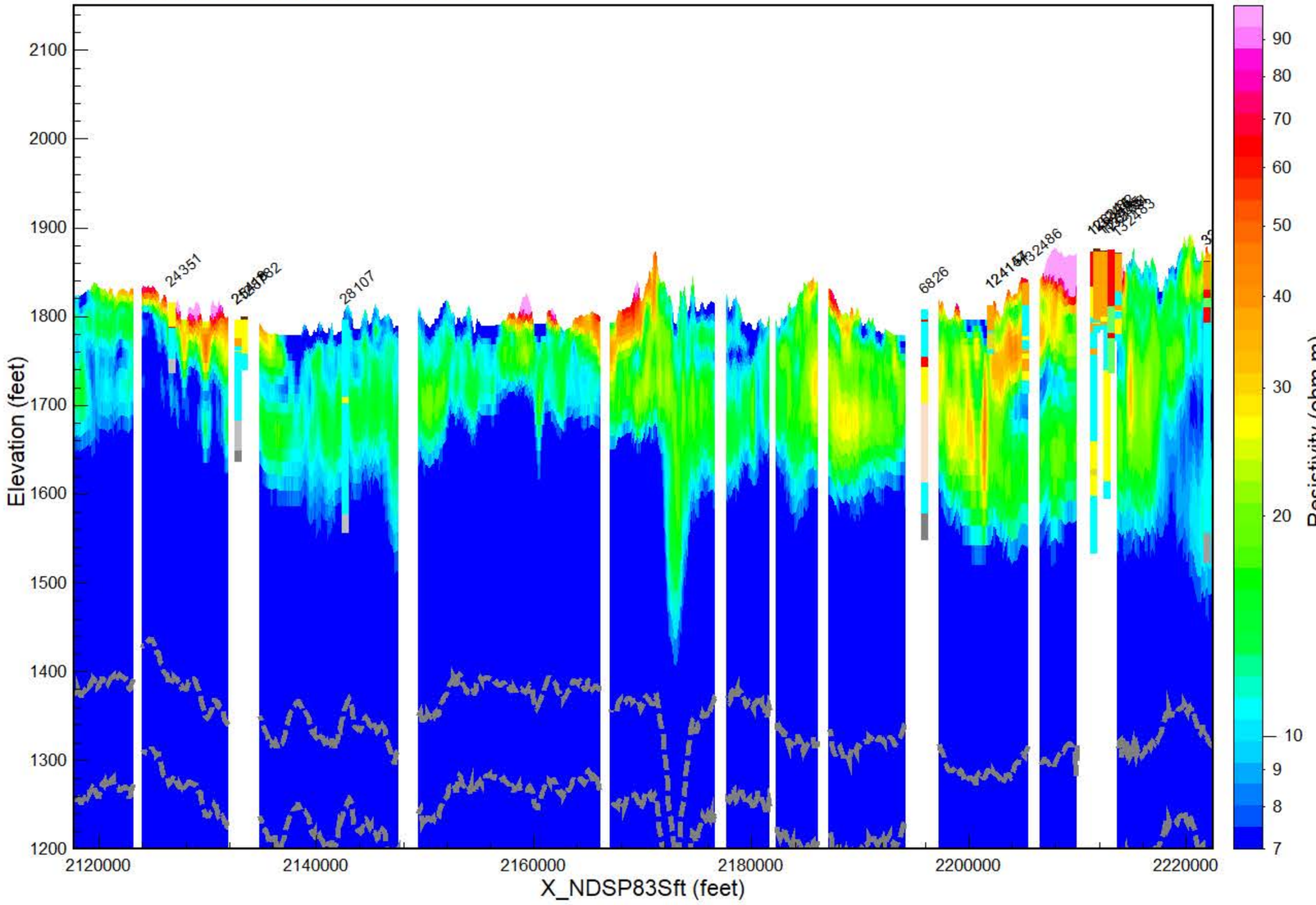
Flight Location Line L100901



AEM Survey Area 1



Final SCI Resistivity Line L100901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

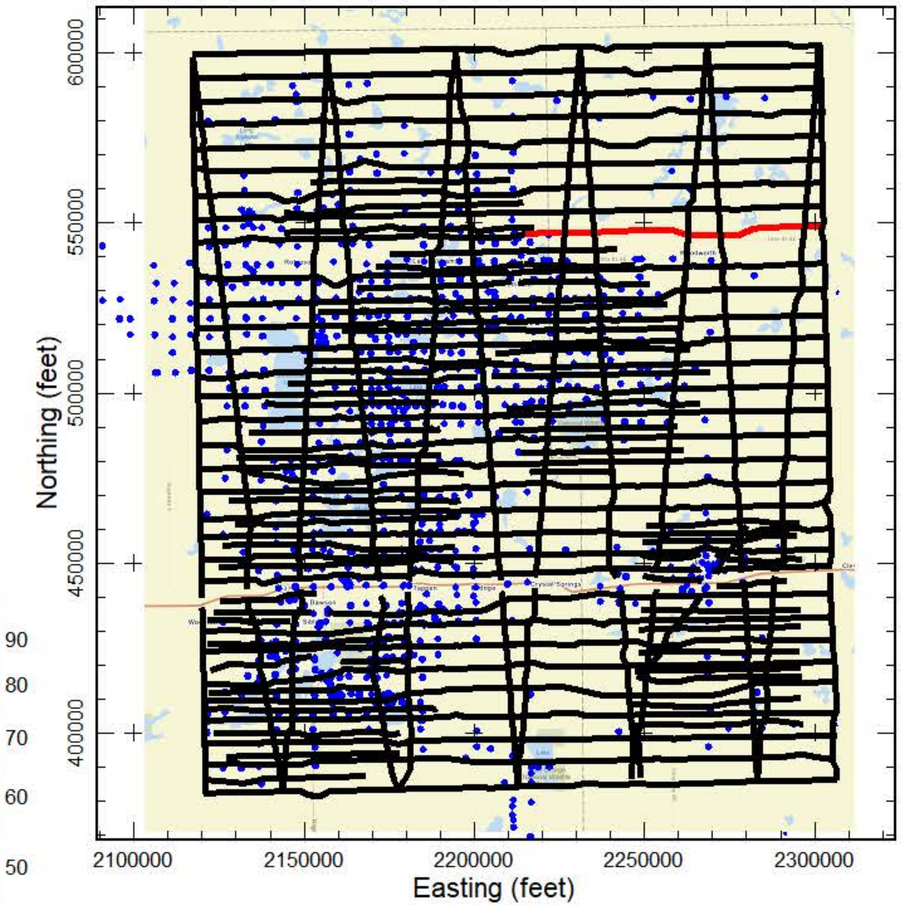
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

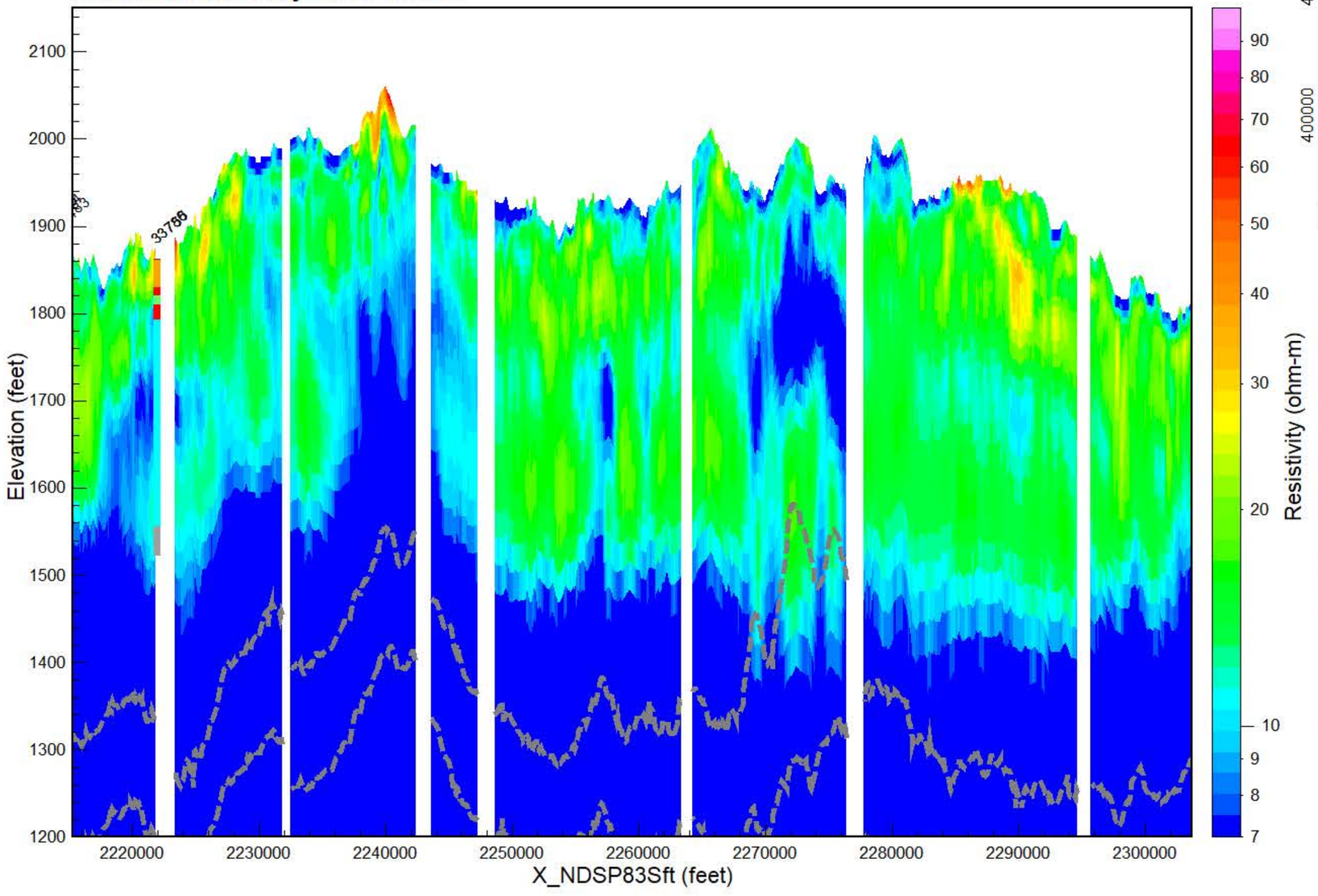
Flight Location Line L100902



AEM Survey Area 1



Final SCI Resistivity Line L100902



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

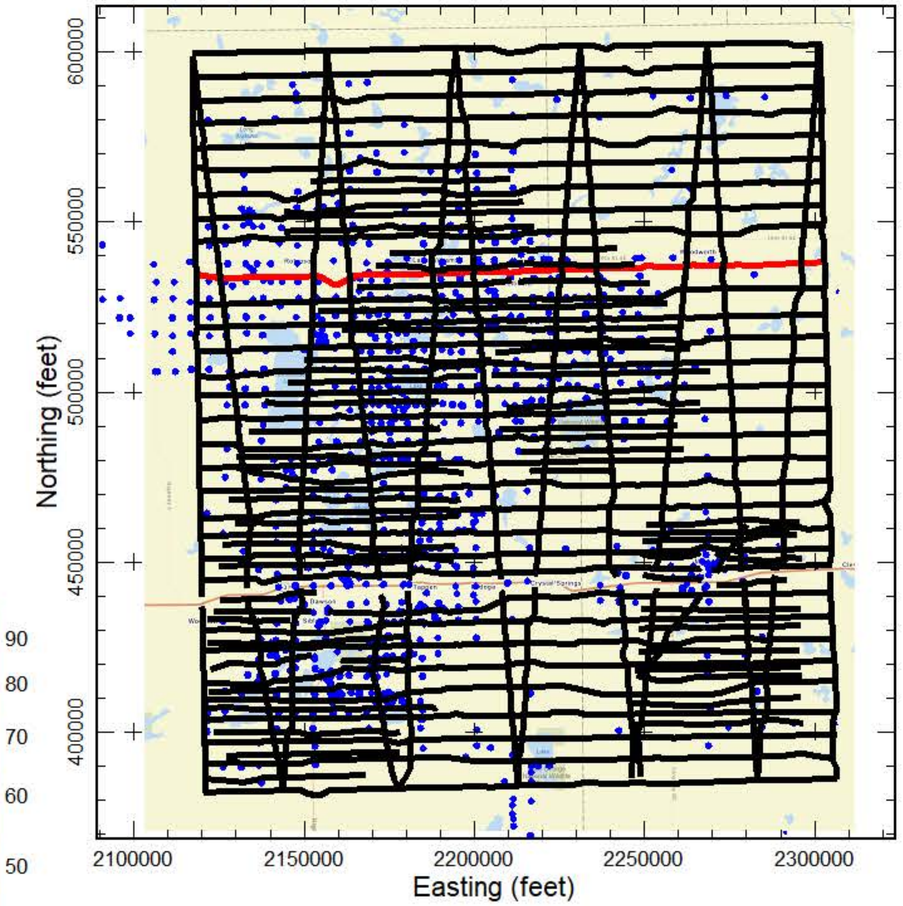
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

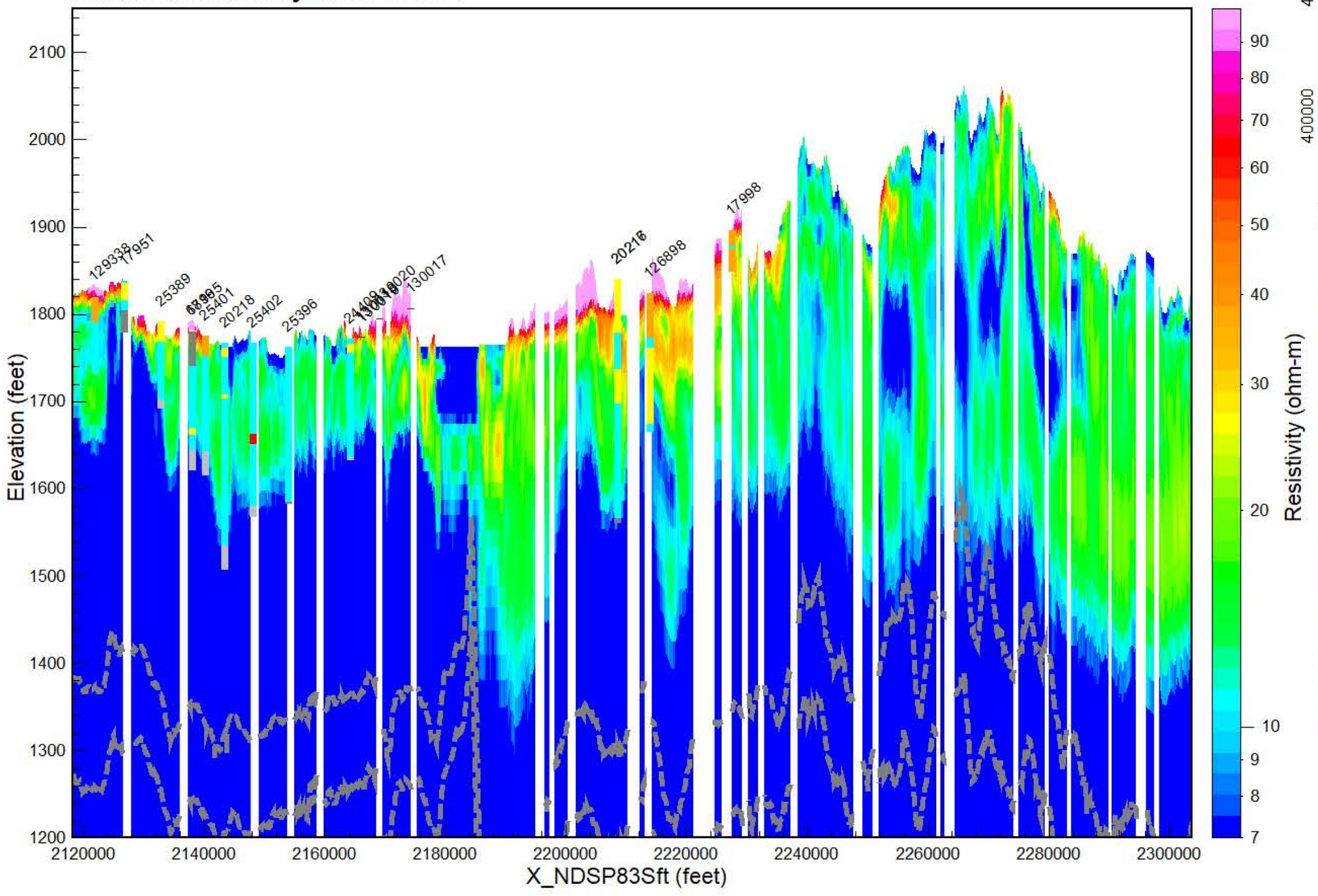
Flight Location Line L101001



AEM Survey Area 1



Final SCI Resistivity Line L101001

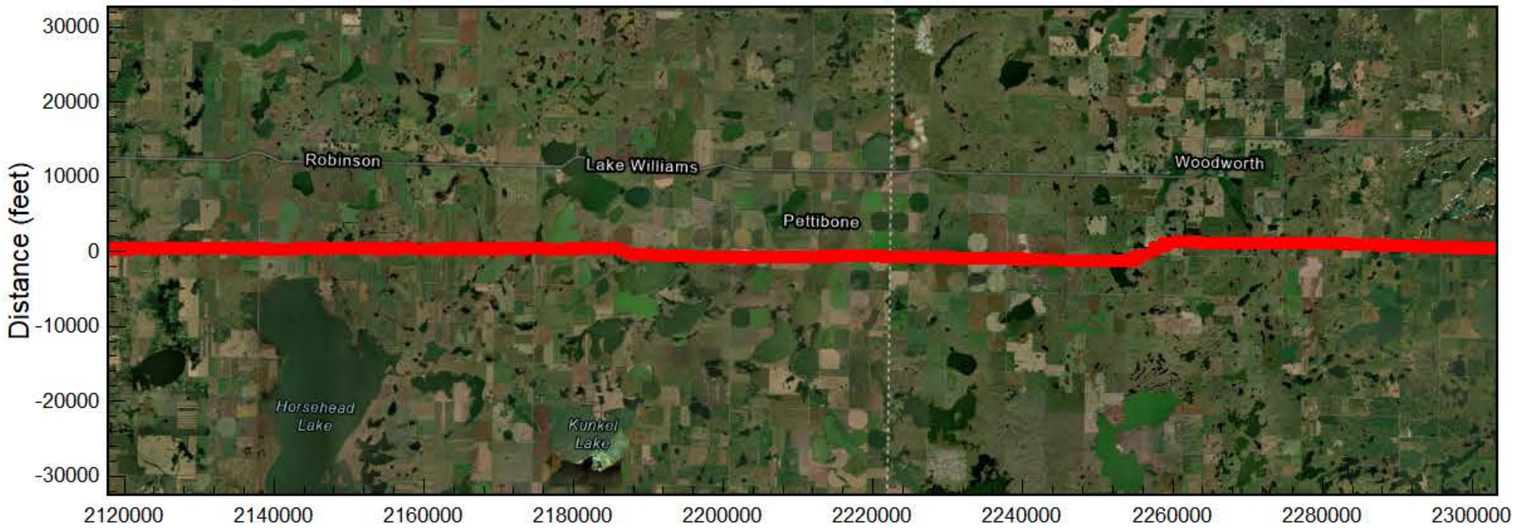


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

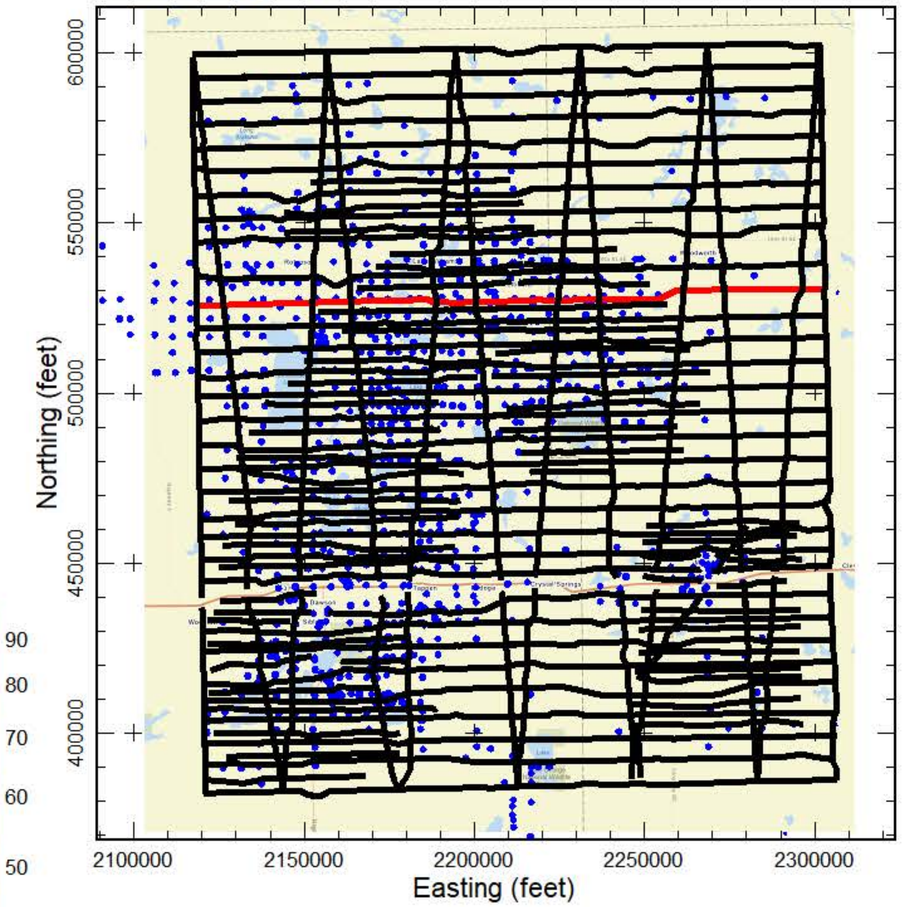
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

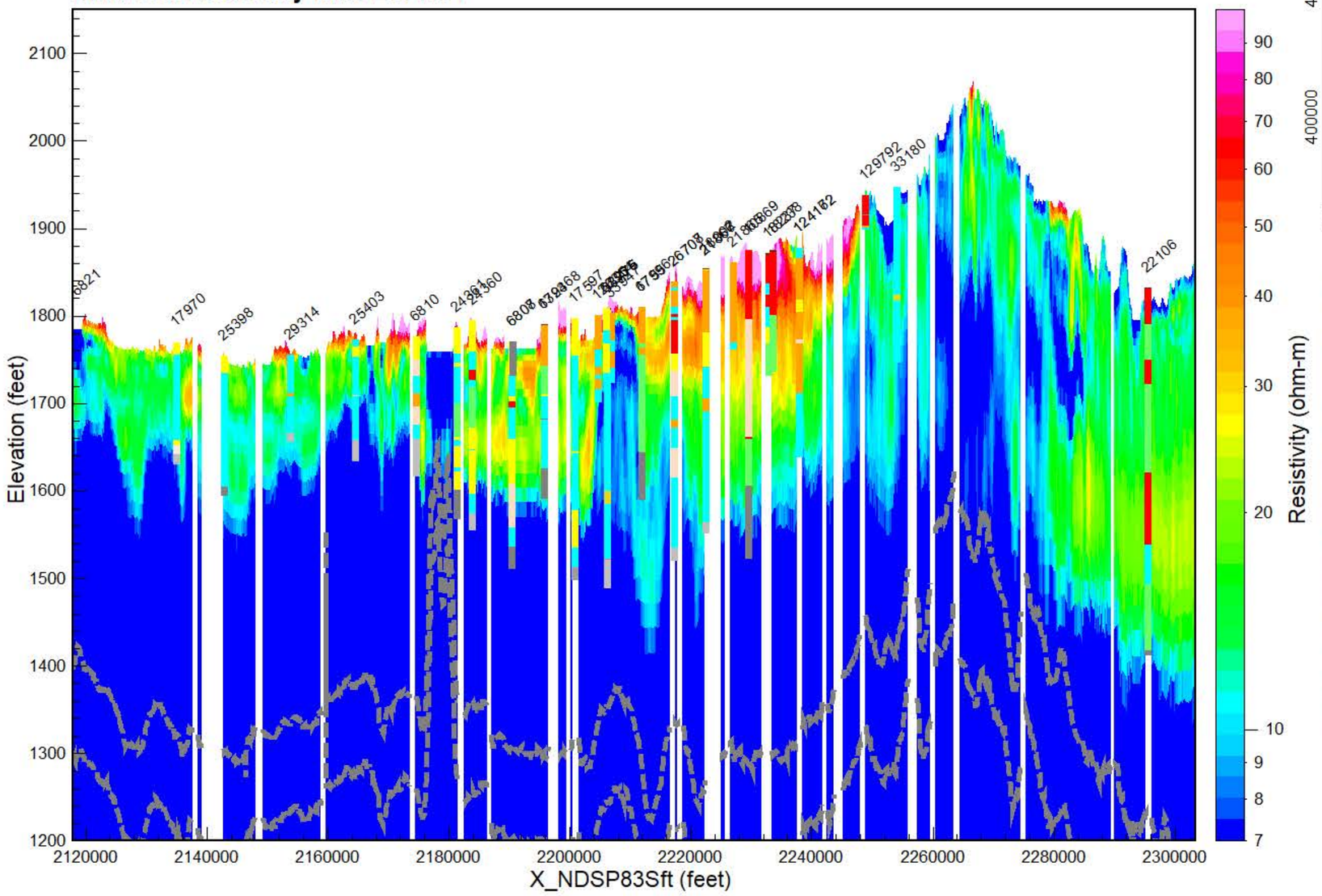
Flight Location Line L101101



AEM Survey Area 1



Final SCI Resistivity Line L101101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

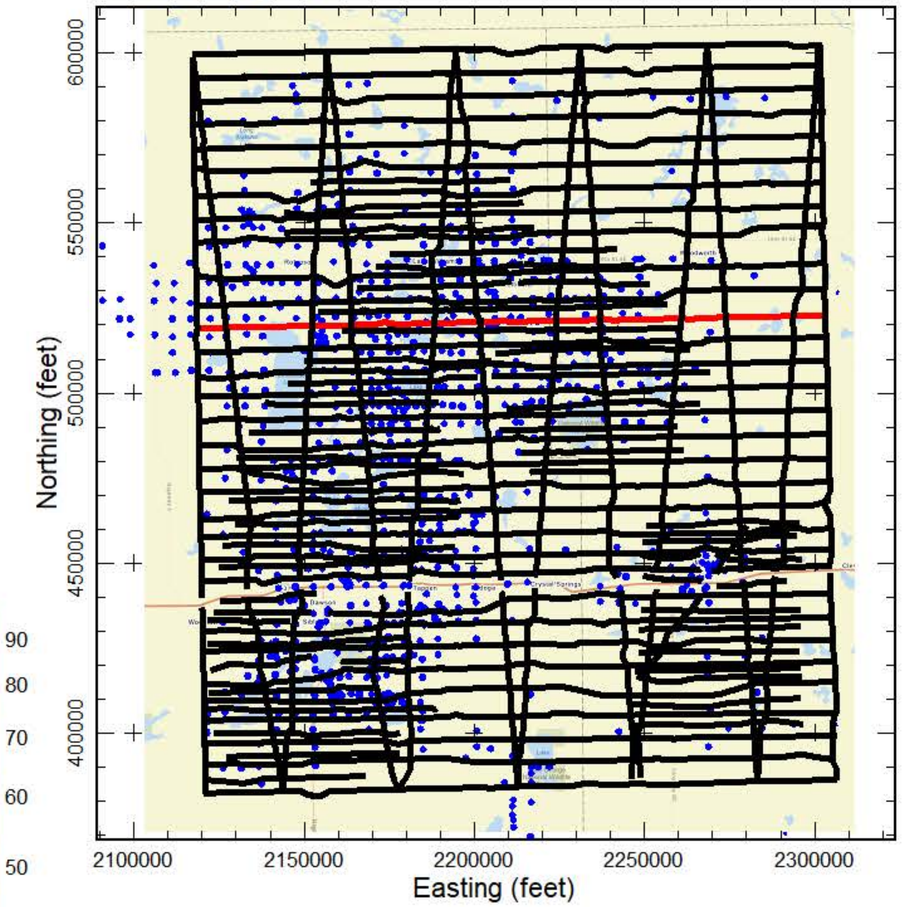
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

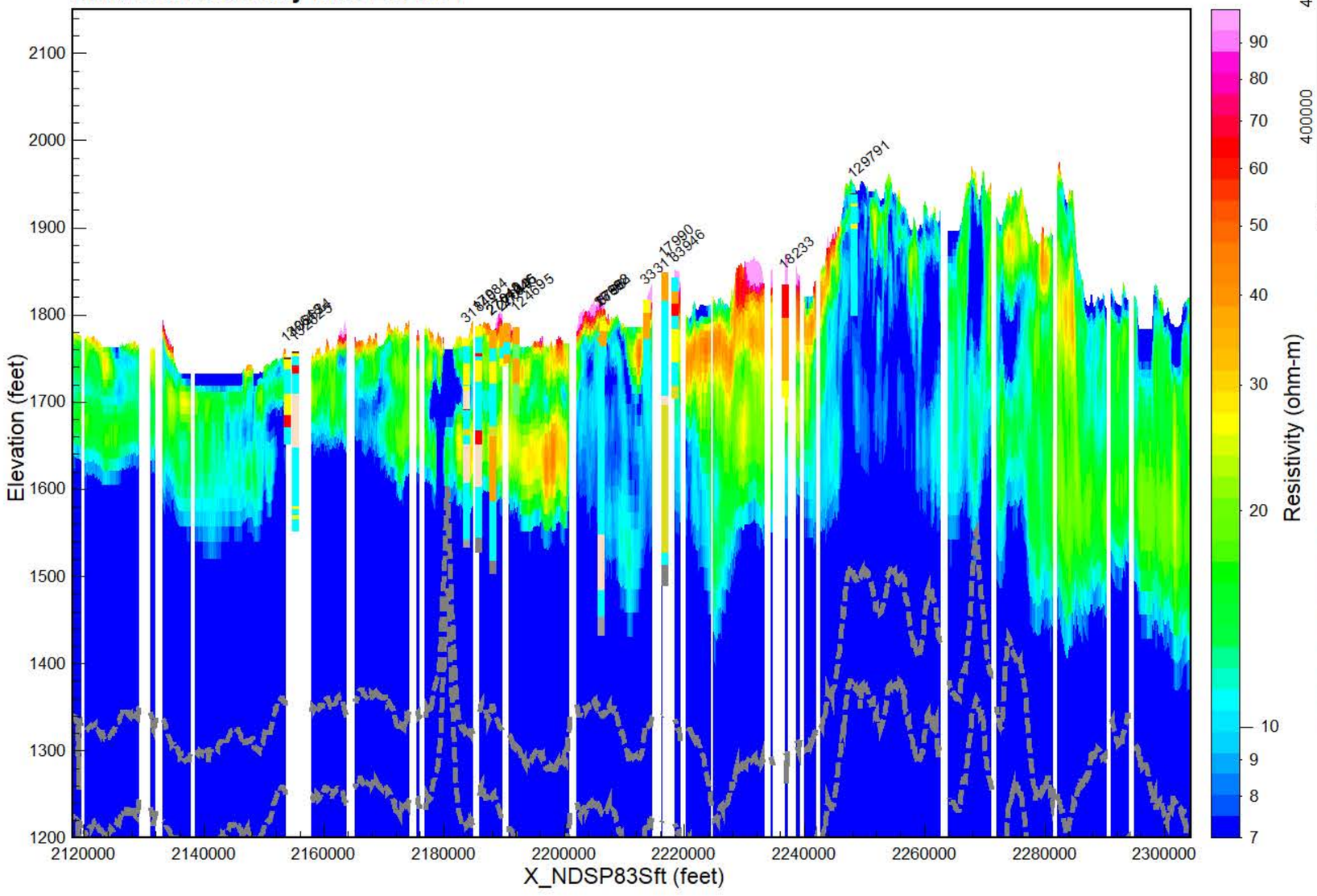
Flight Location Line L101201



AEM Survey Area 1



Final SCI Resistivity Line L101201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

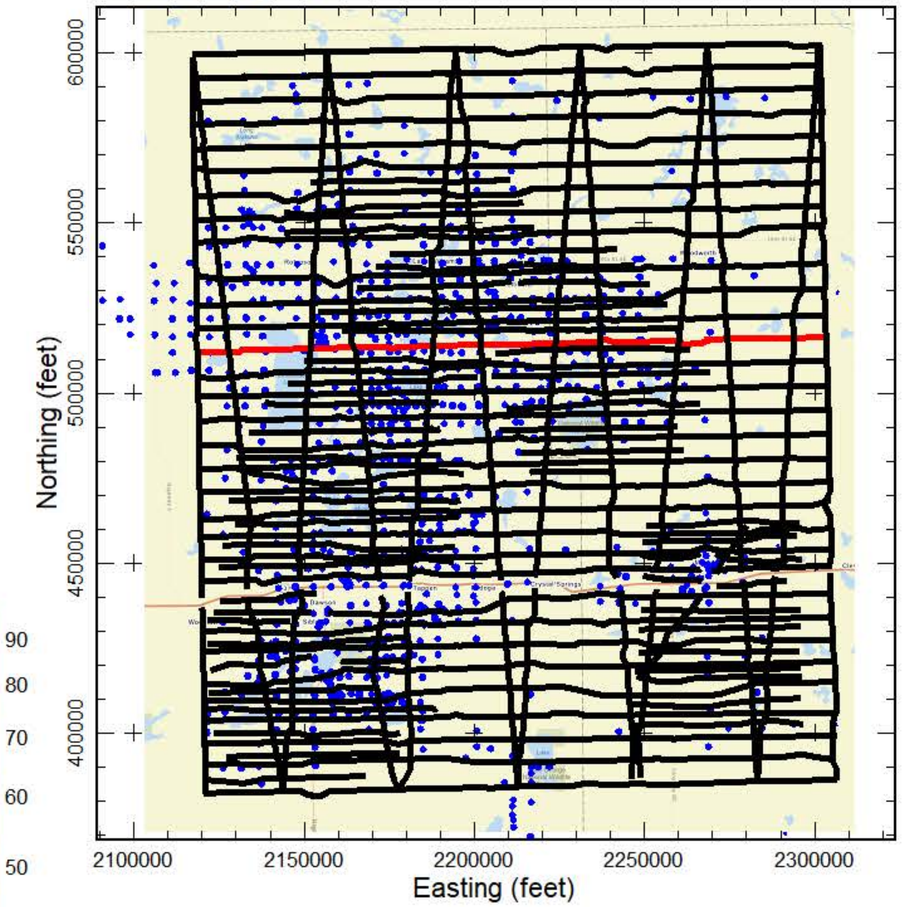
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

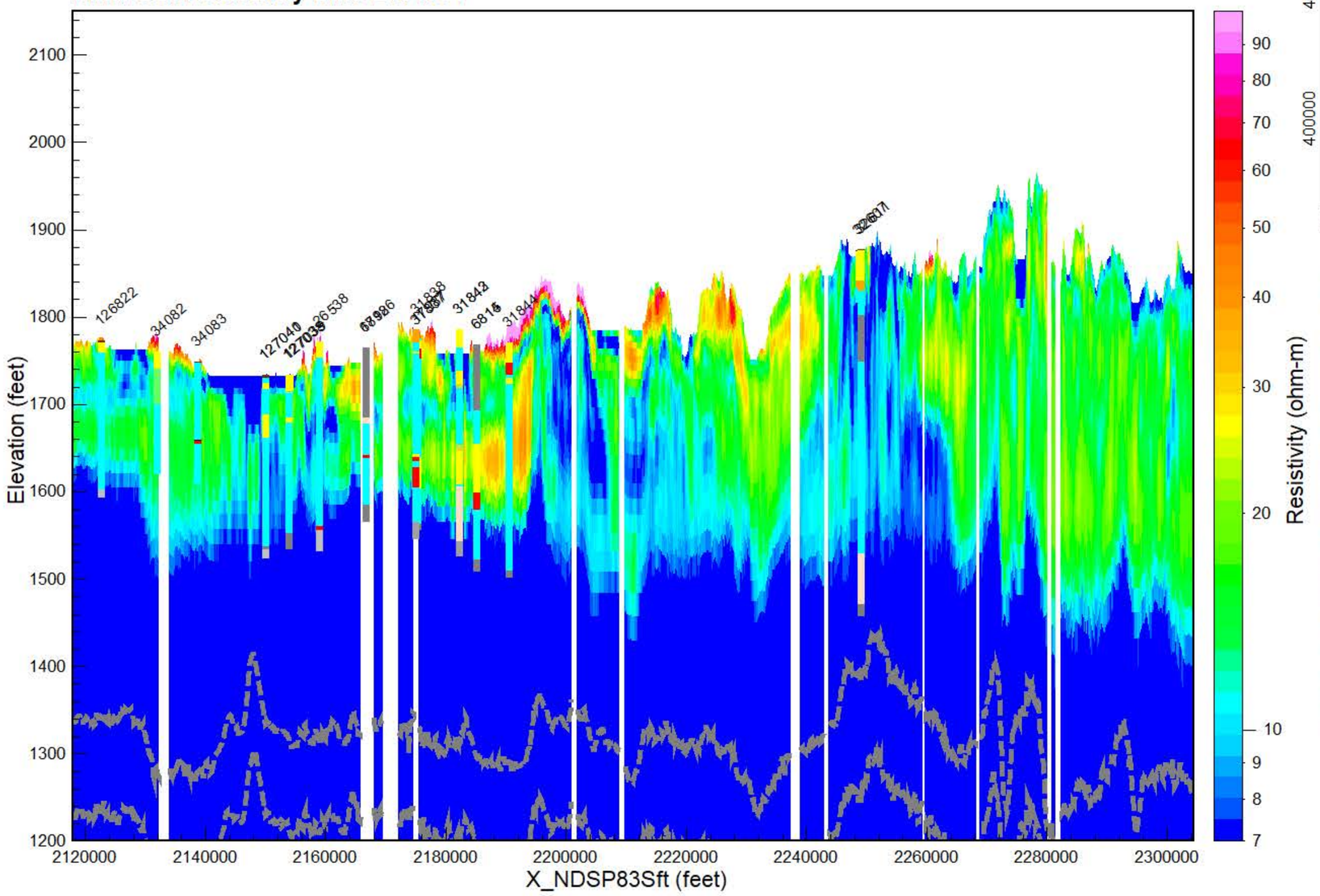
Flight Location Line L101301



AEM Survey Area 1



Final SCI Resistivity Line L101301

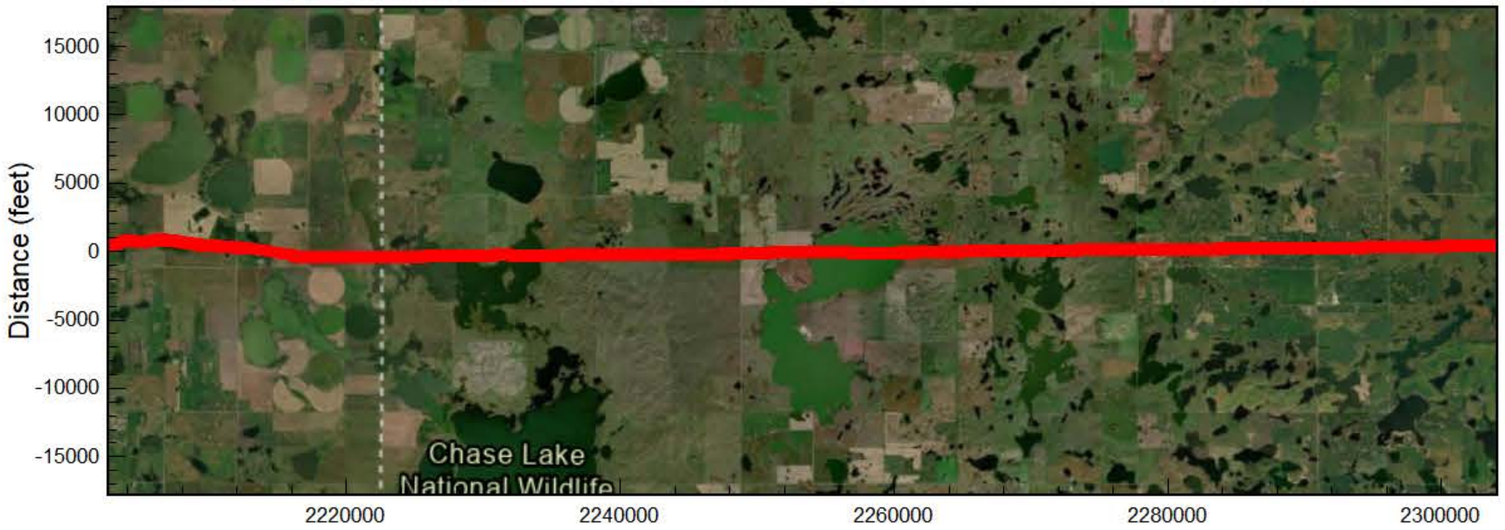


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

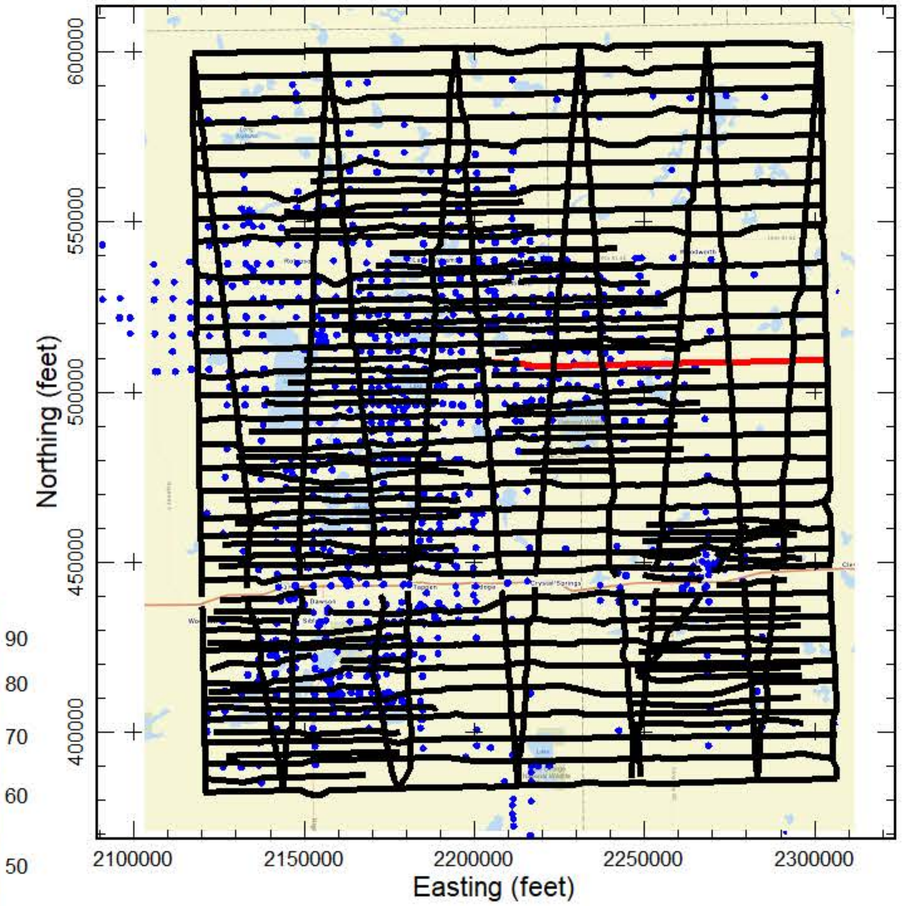
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

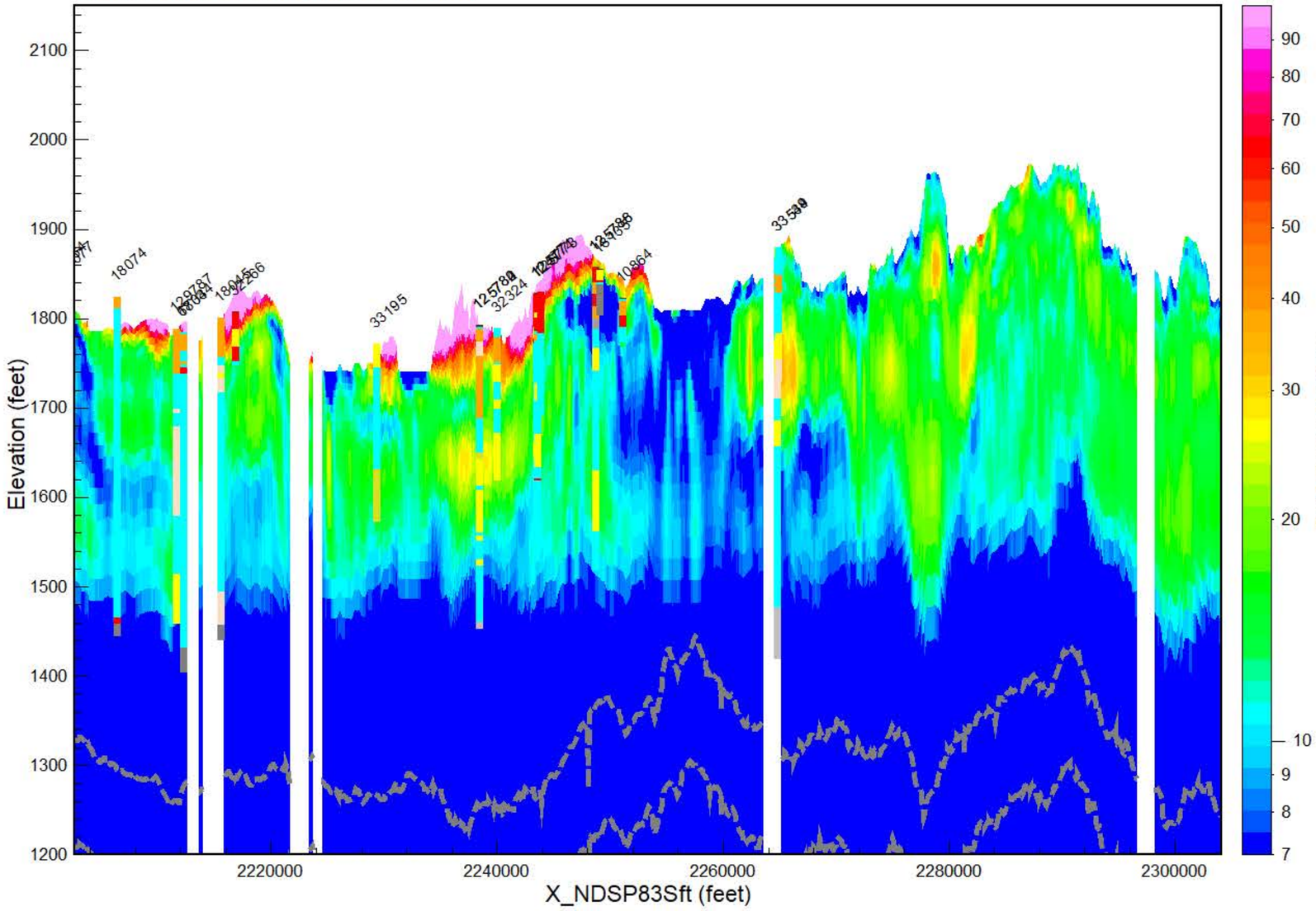
Flight Location Line L101401



AEM Survey Area 1



Final SCI Resistivity Line L101401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

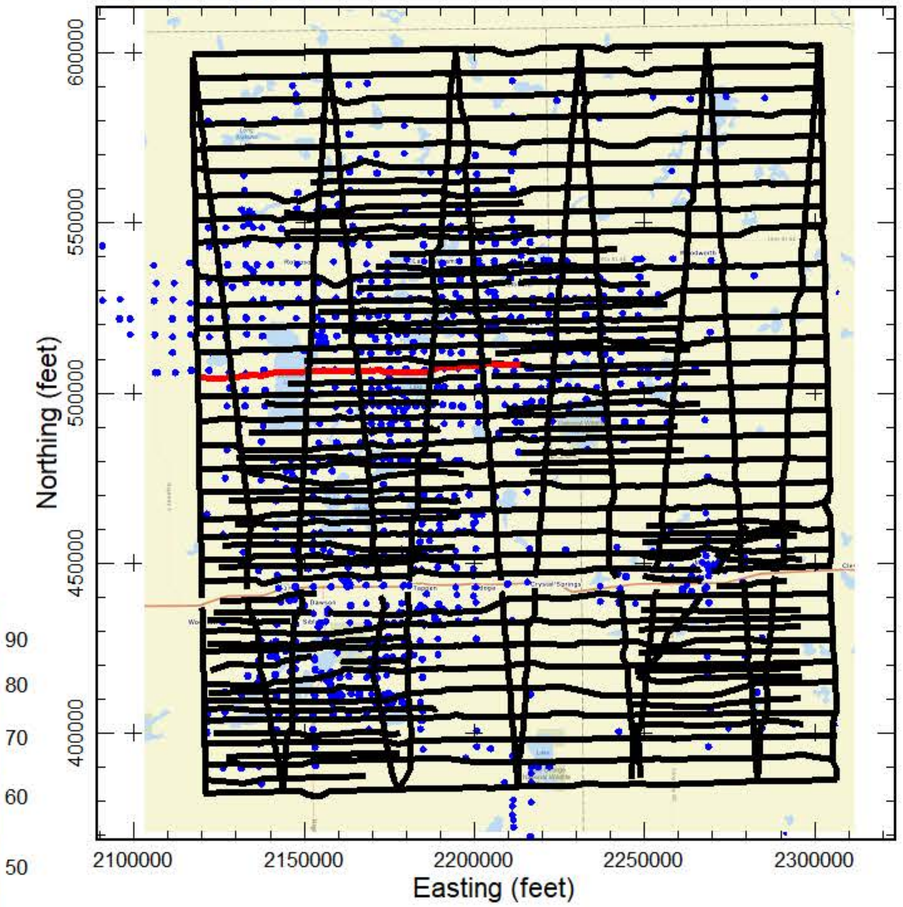
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

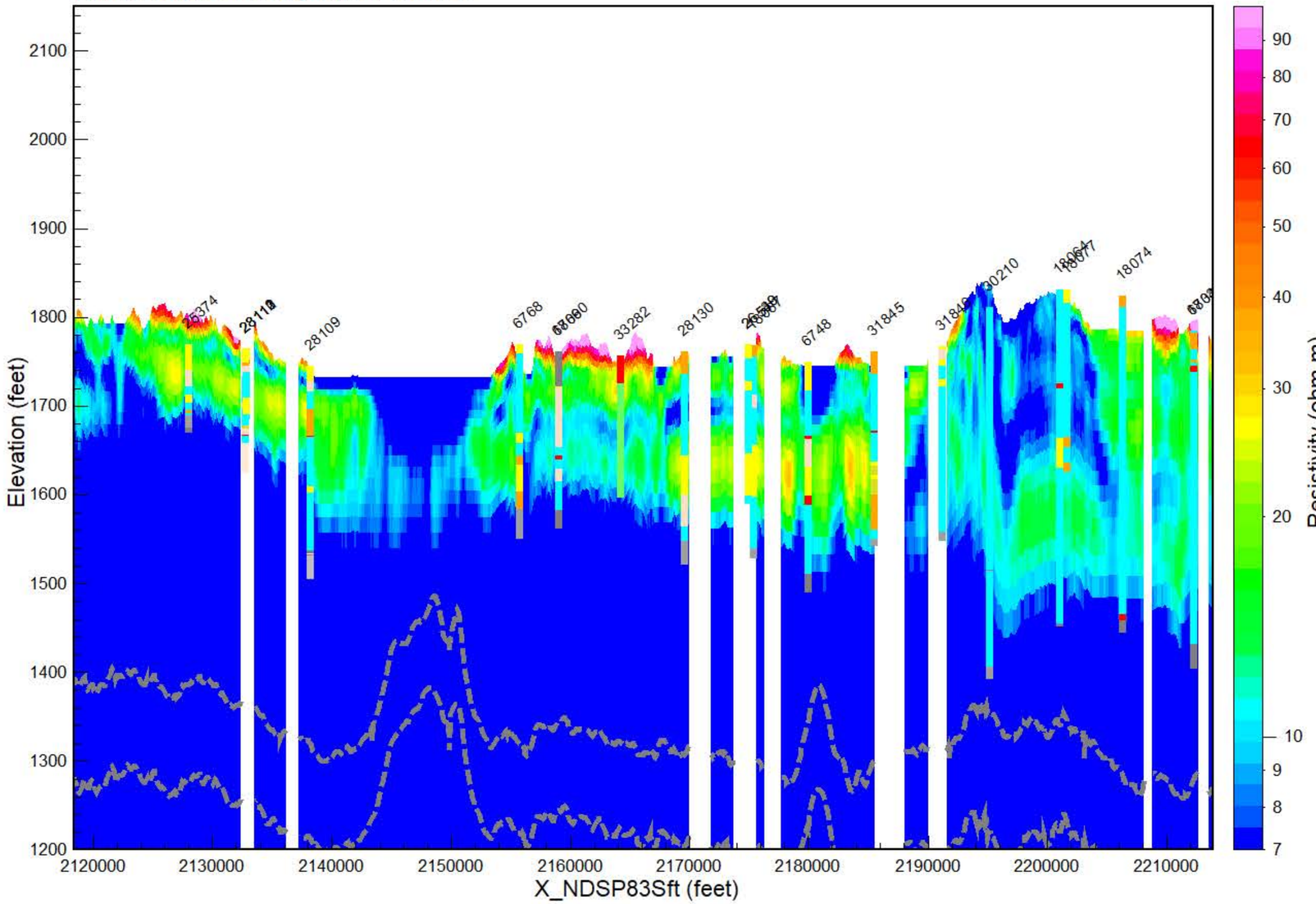
Flight Location Line L101402



AEM Survey Area 1



Final SCI Resistivity Line L101402



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

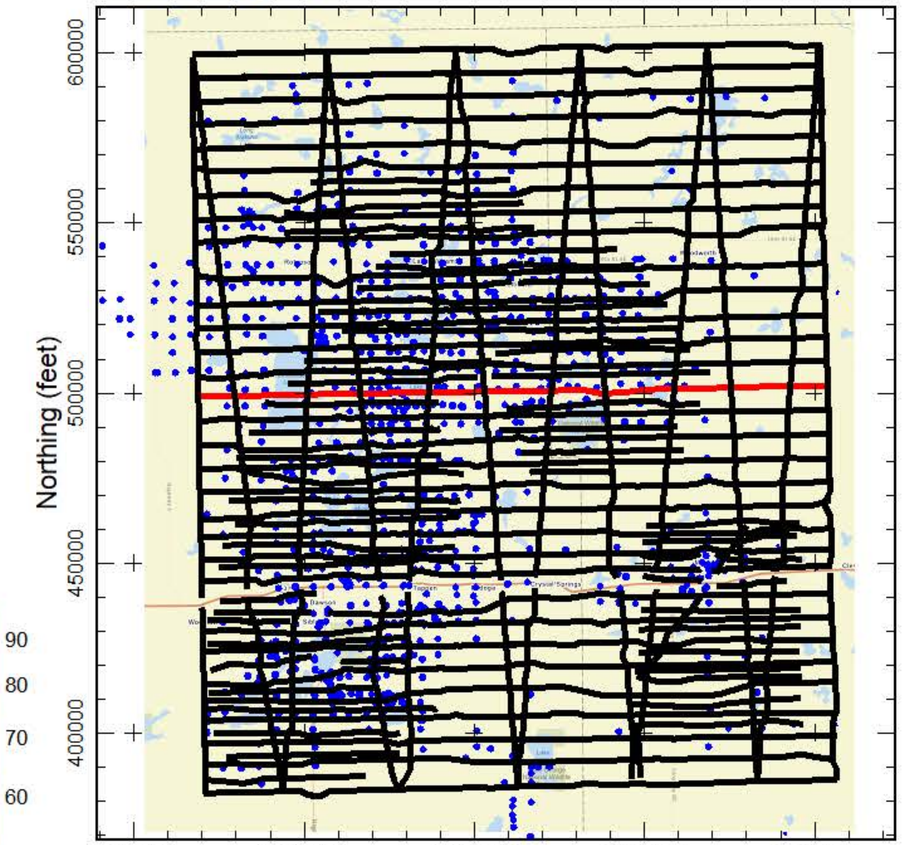
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

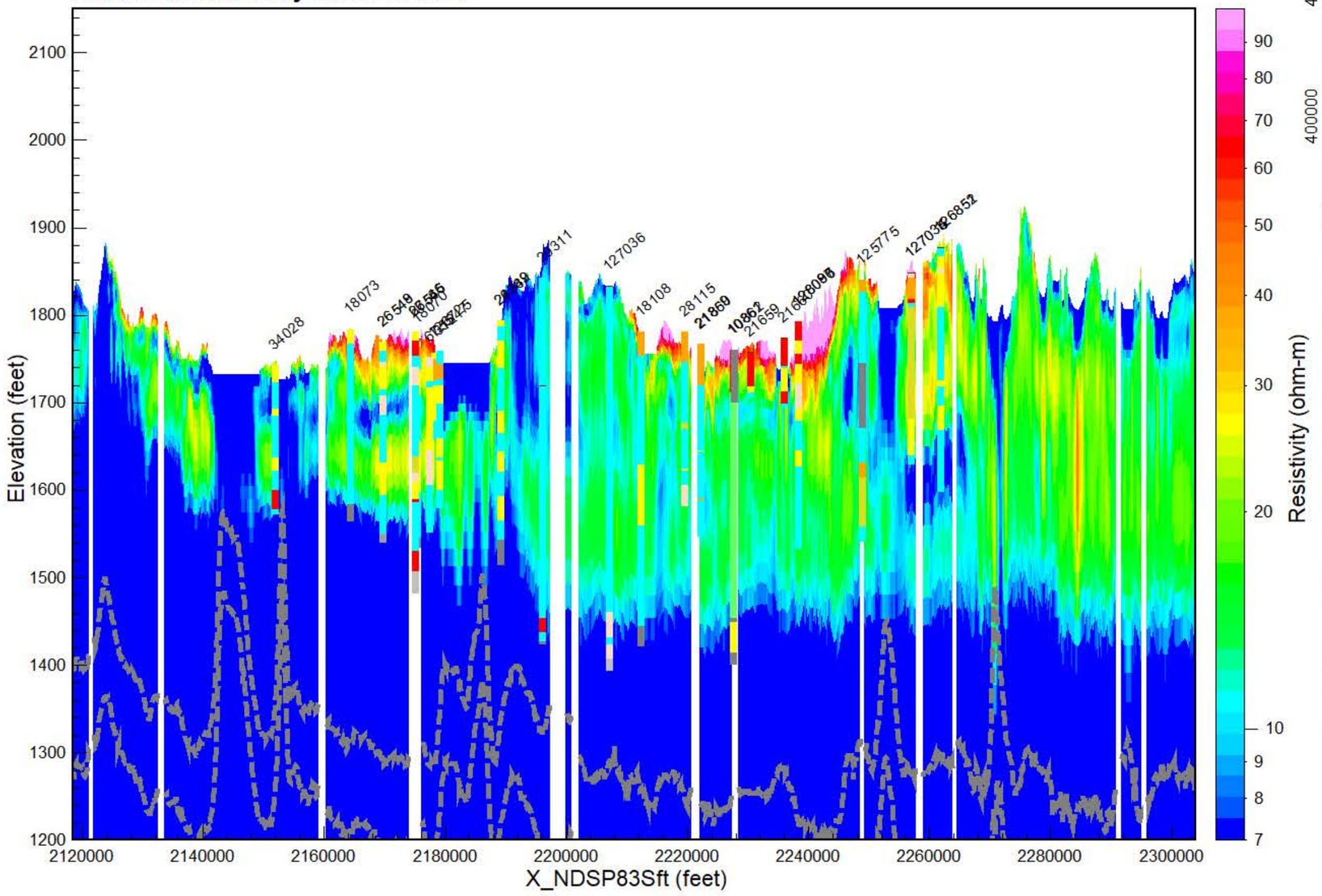
Flight Location Line L101501



AEM Survey Area 1



Final SCI Resistivity Line L101501

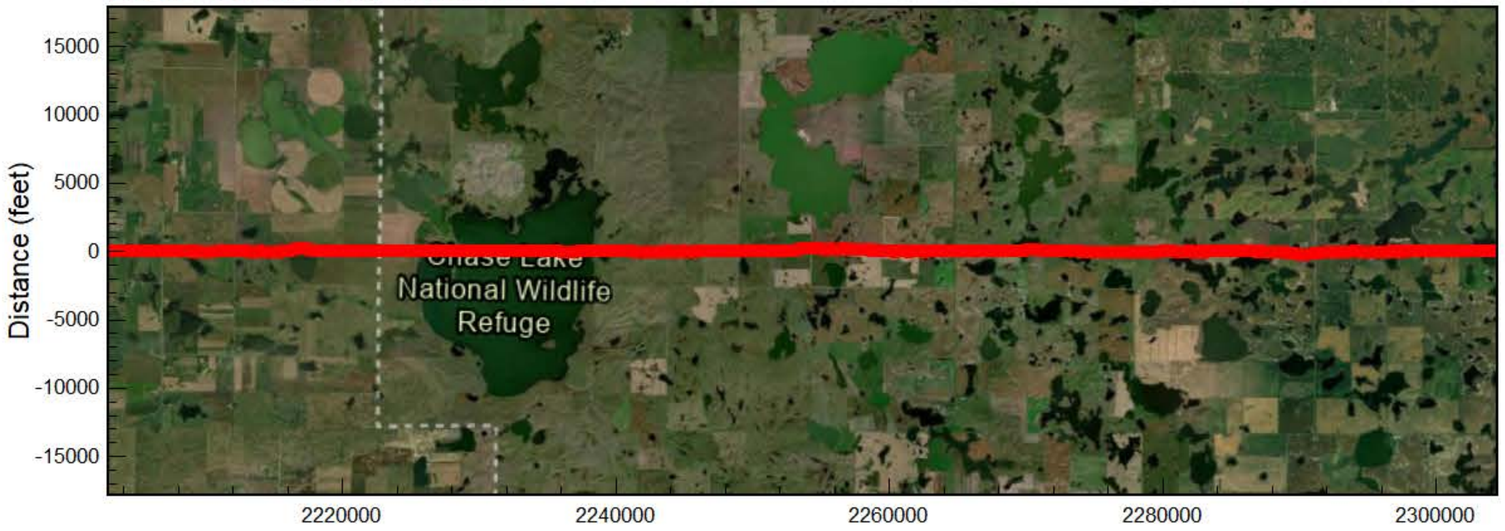


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

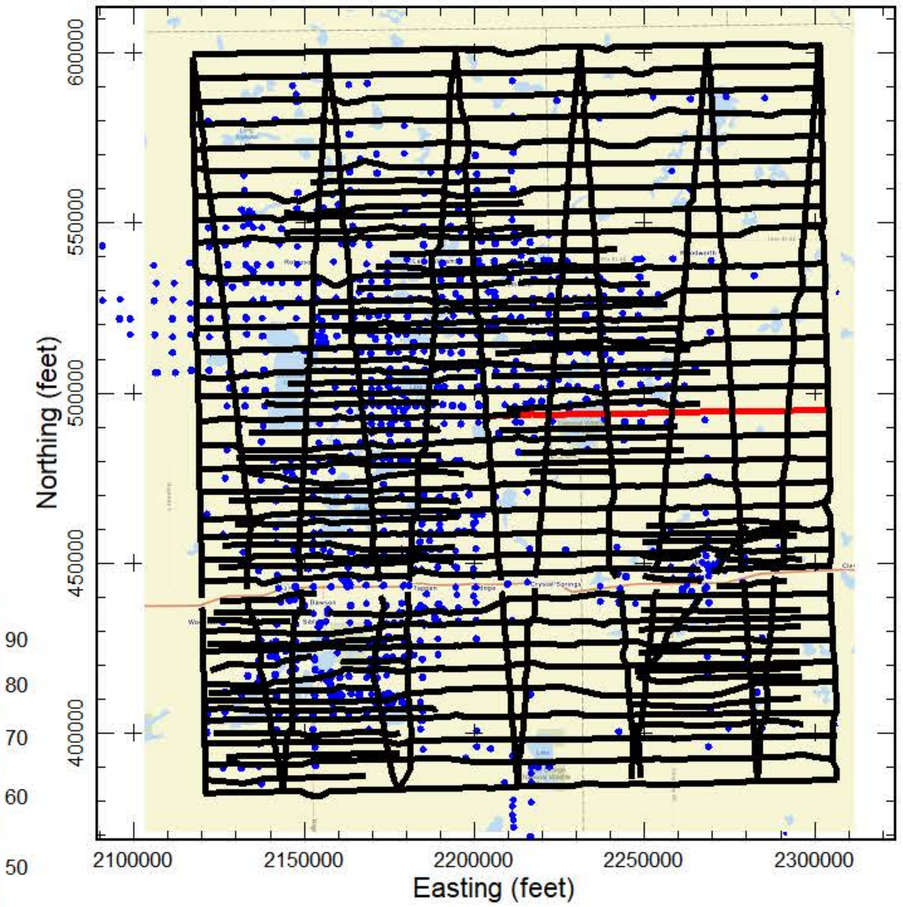
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

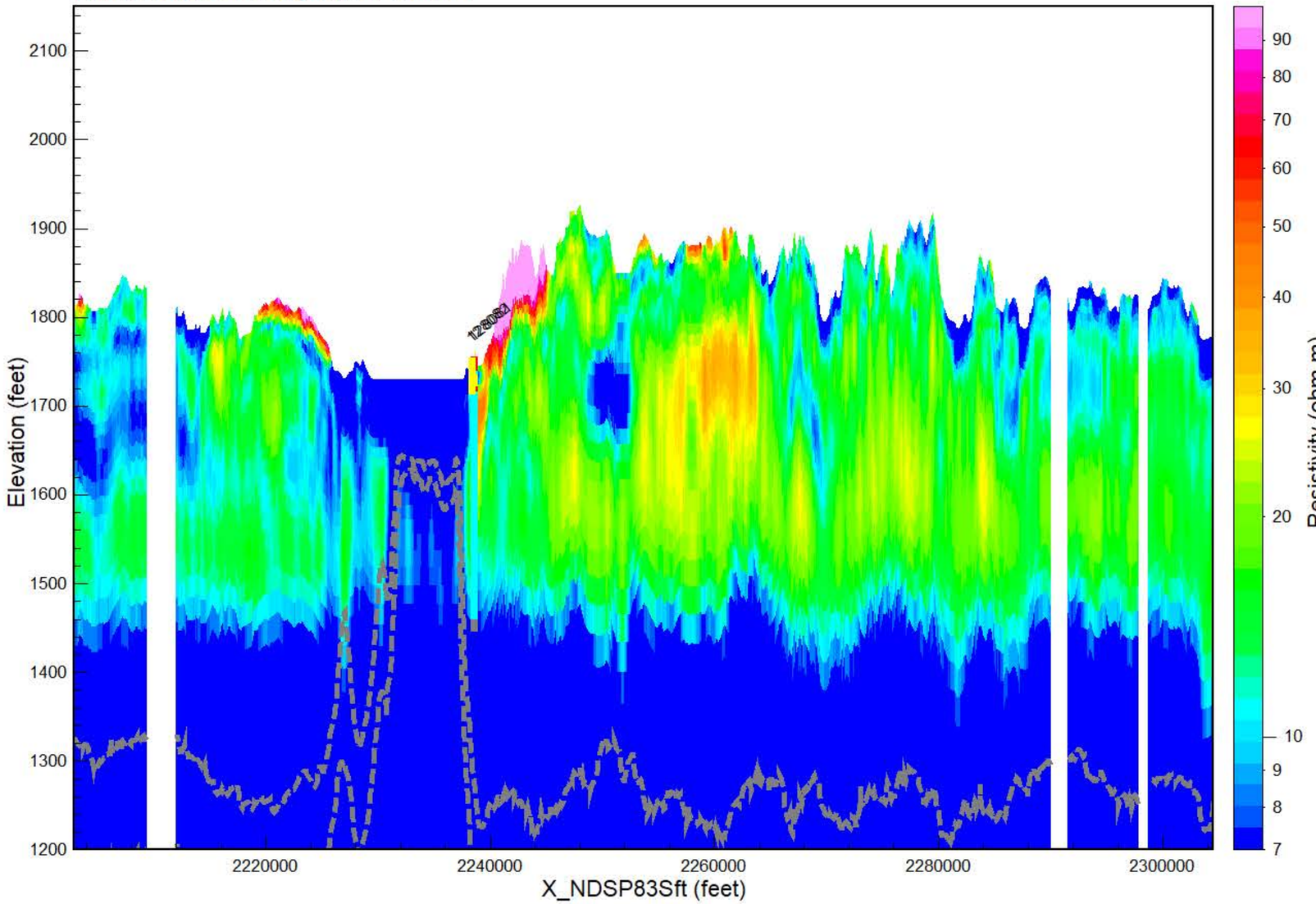
Flight Location Line L101601



AEM Survey Area 1



Final SCI Resistivity Line L101601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

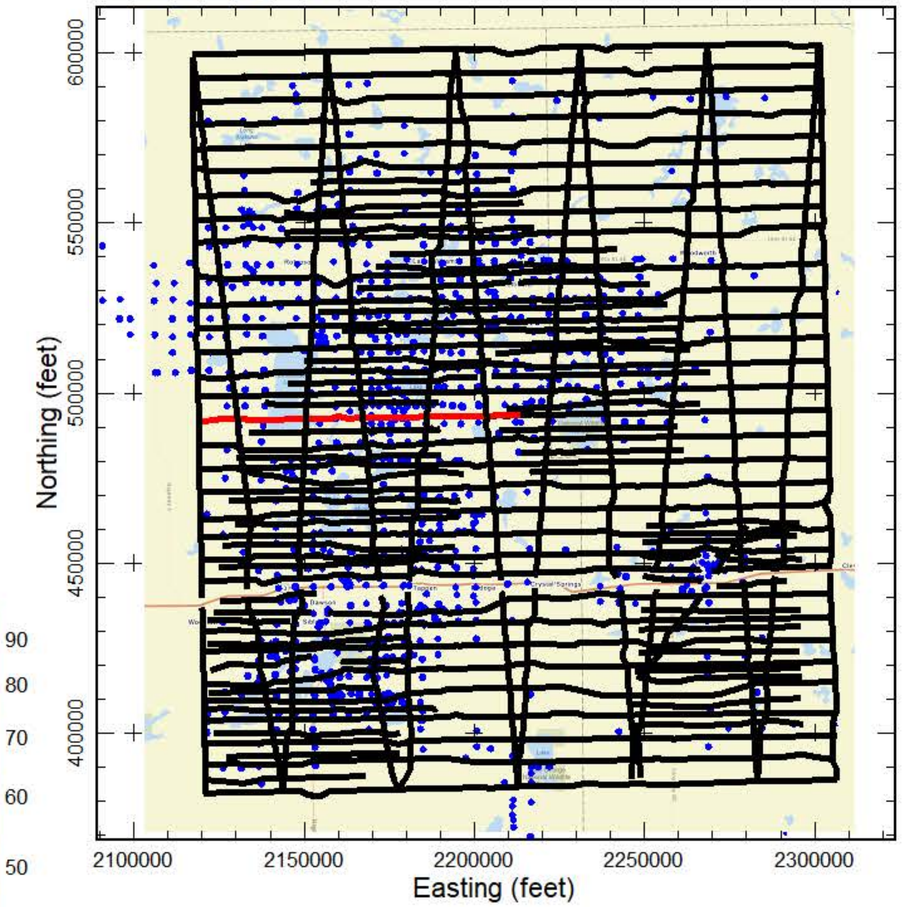
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

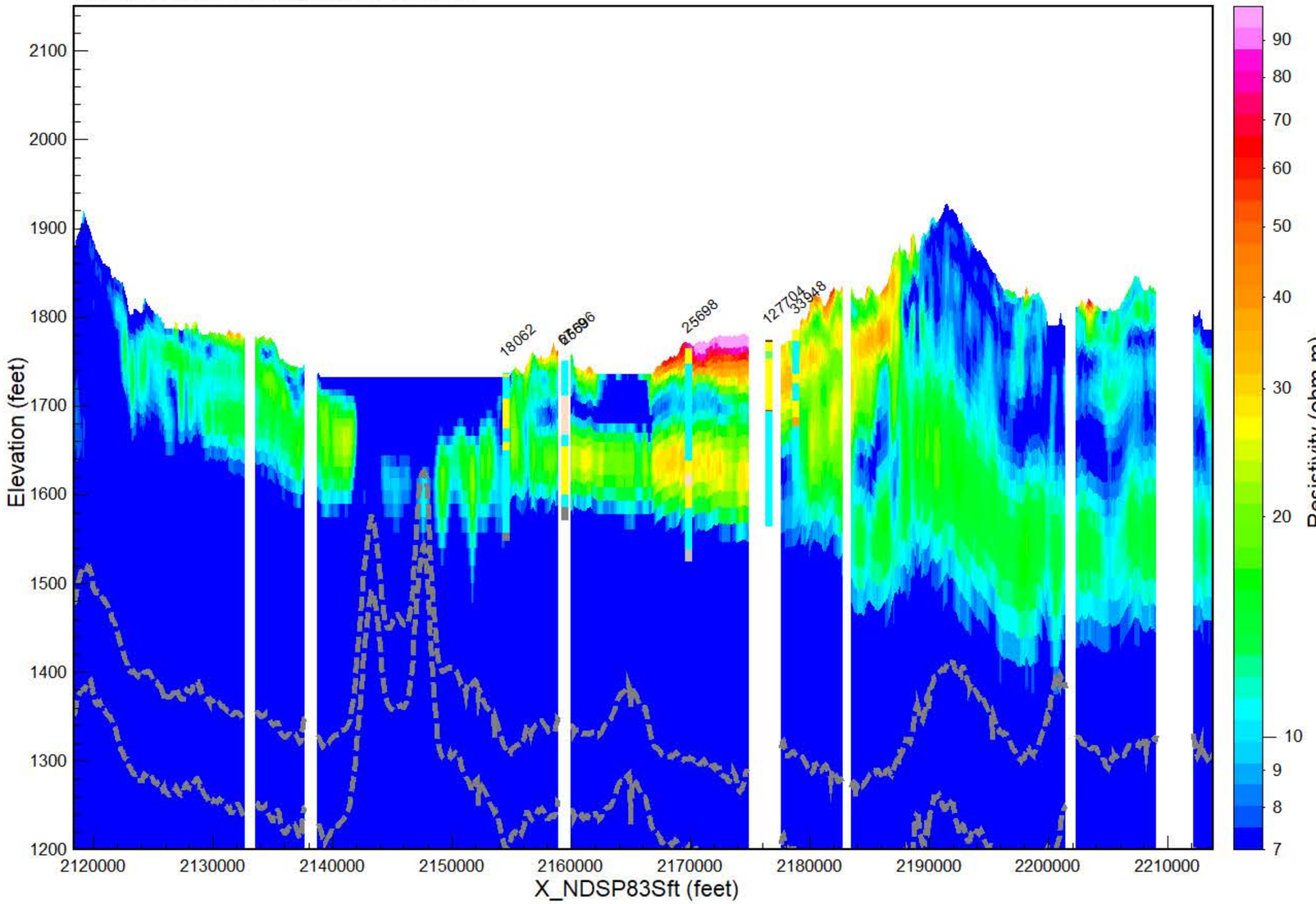
Flight Location Line L101602



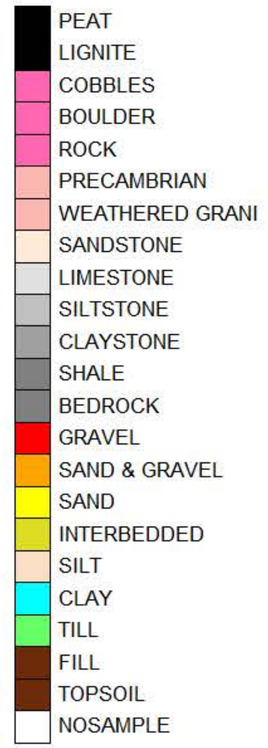
AEM Survey Area 1



Final SCI Resistivity Line L101602



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

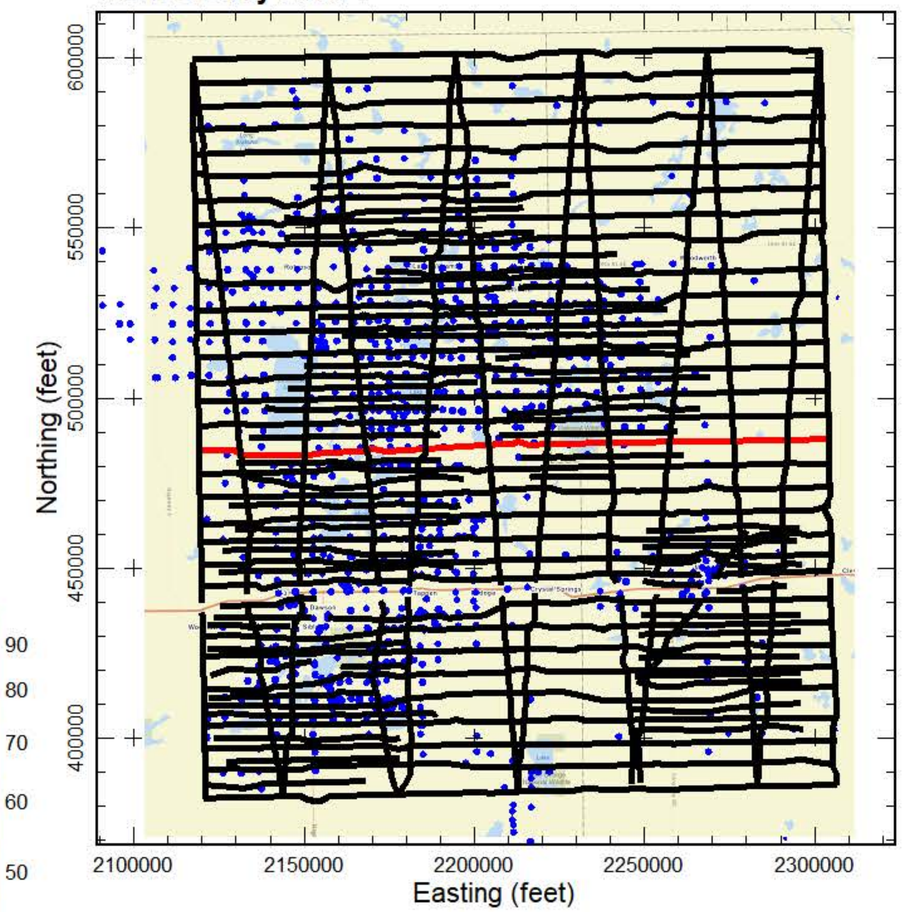


AGF
Aqua Geo Frameworks

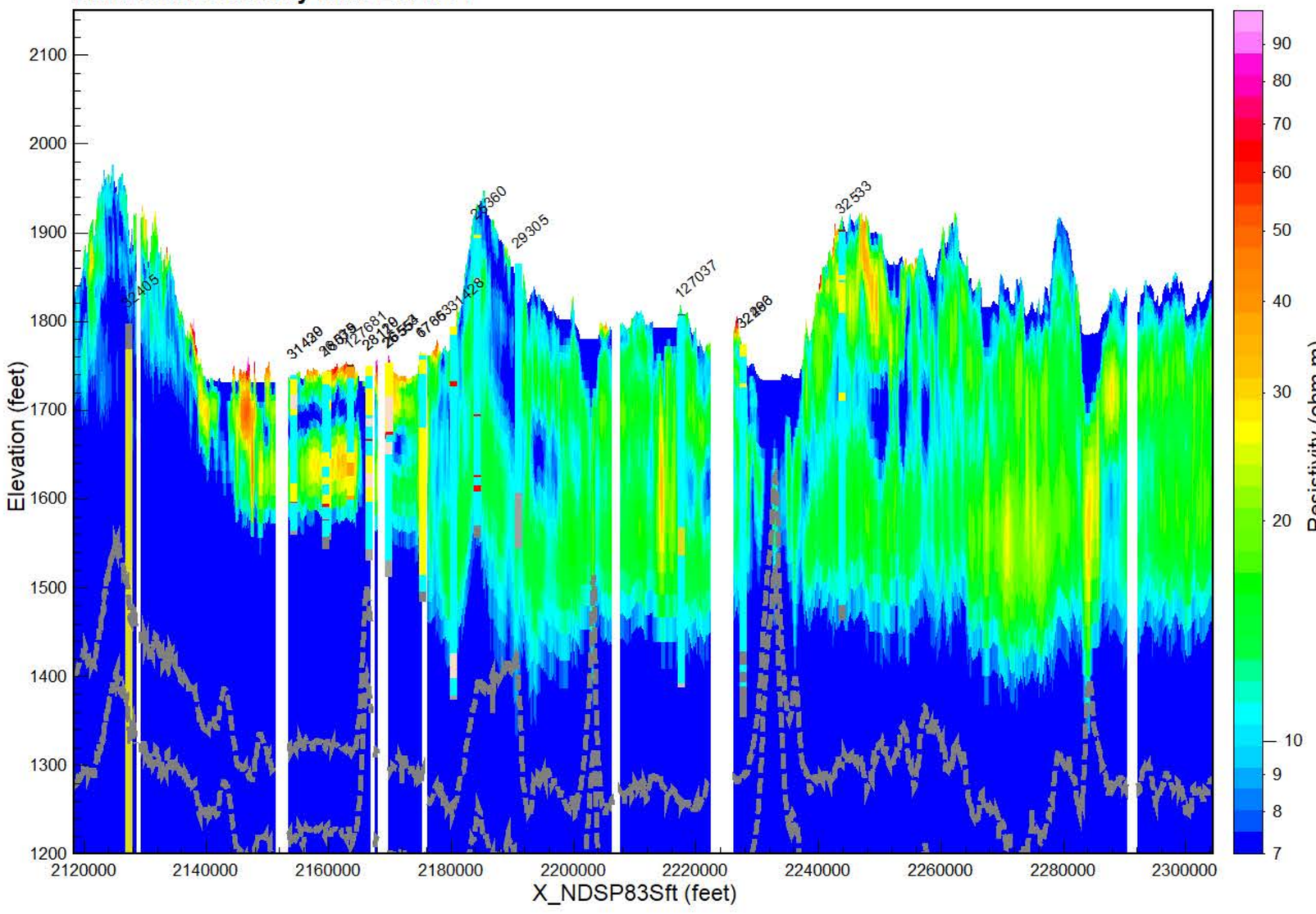
Flight Location Line L101701



AEM Survey Area 1



Final SCI Resistivity Line L101701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

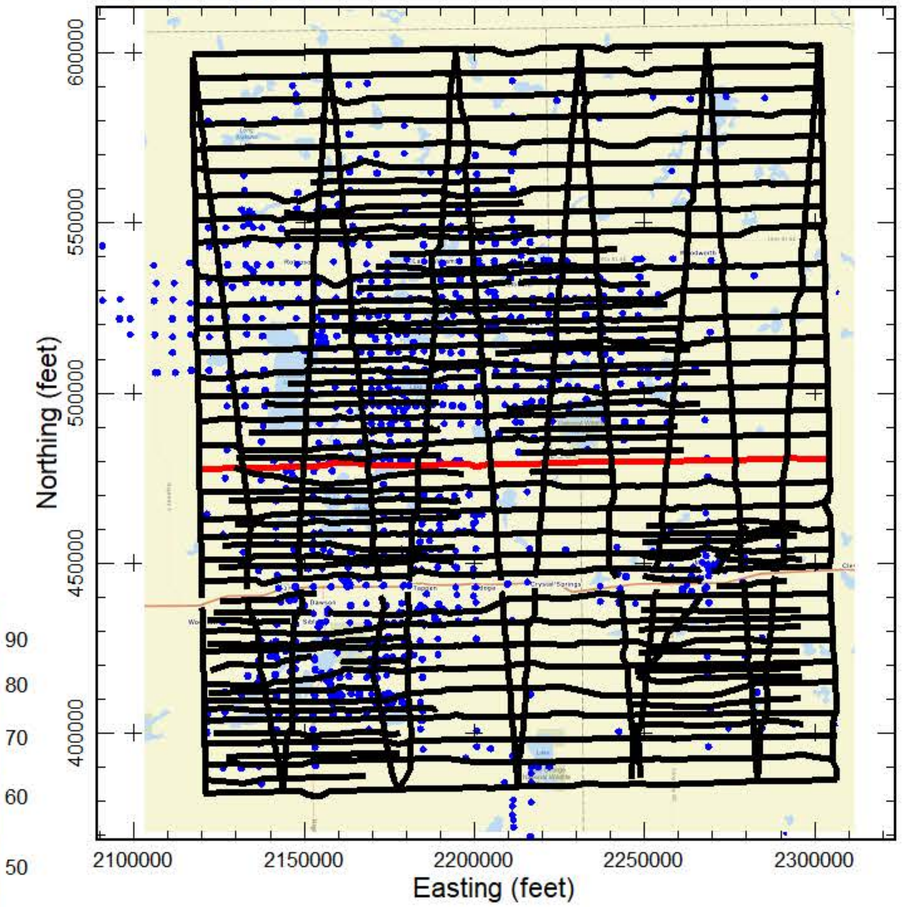
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

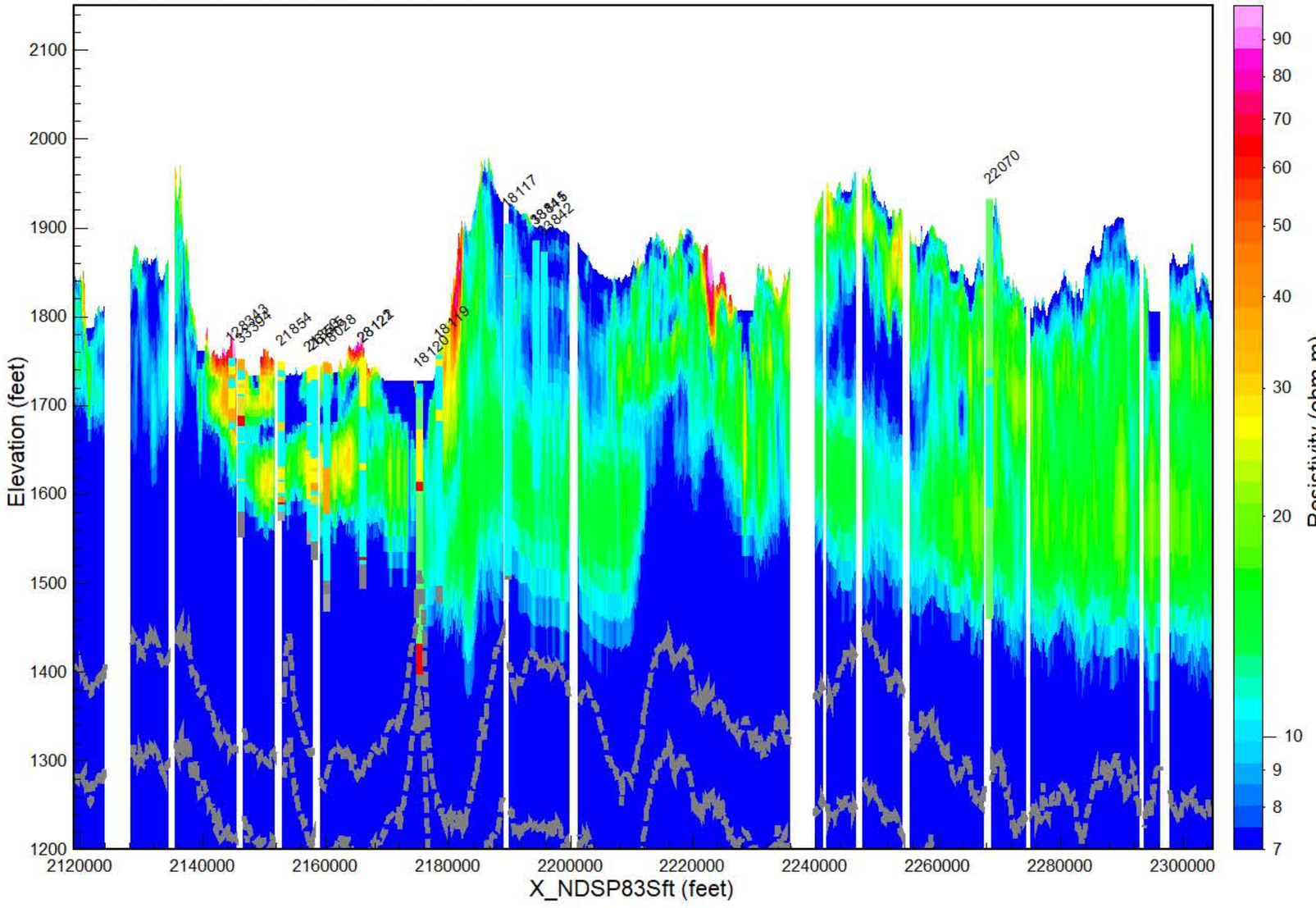
Flight Location Line L101801



AEM Survey Area 1



Final SCI Resistivity Line L101801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

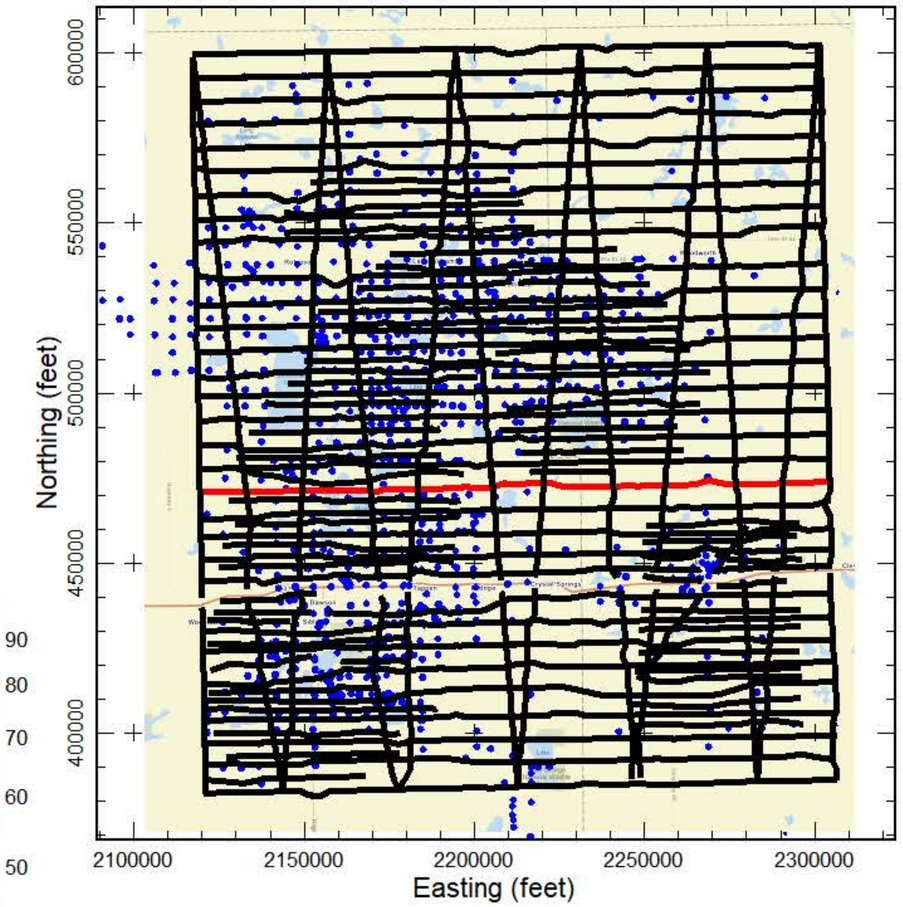
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

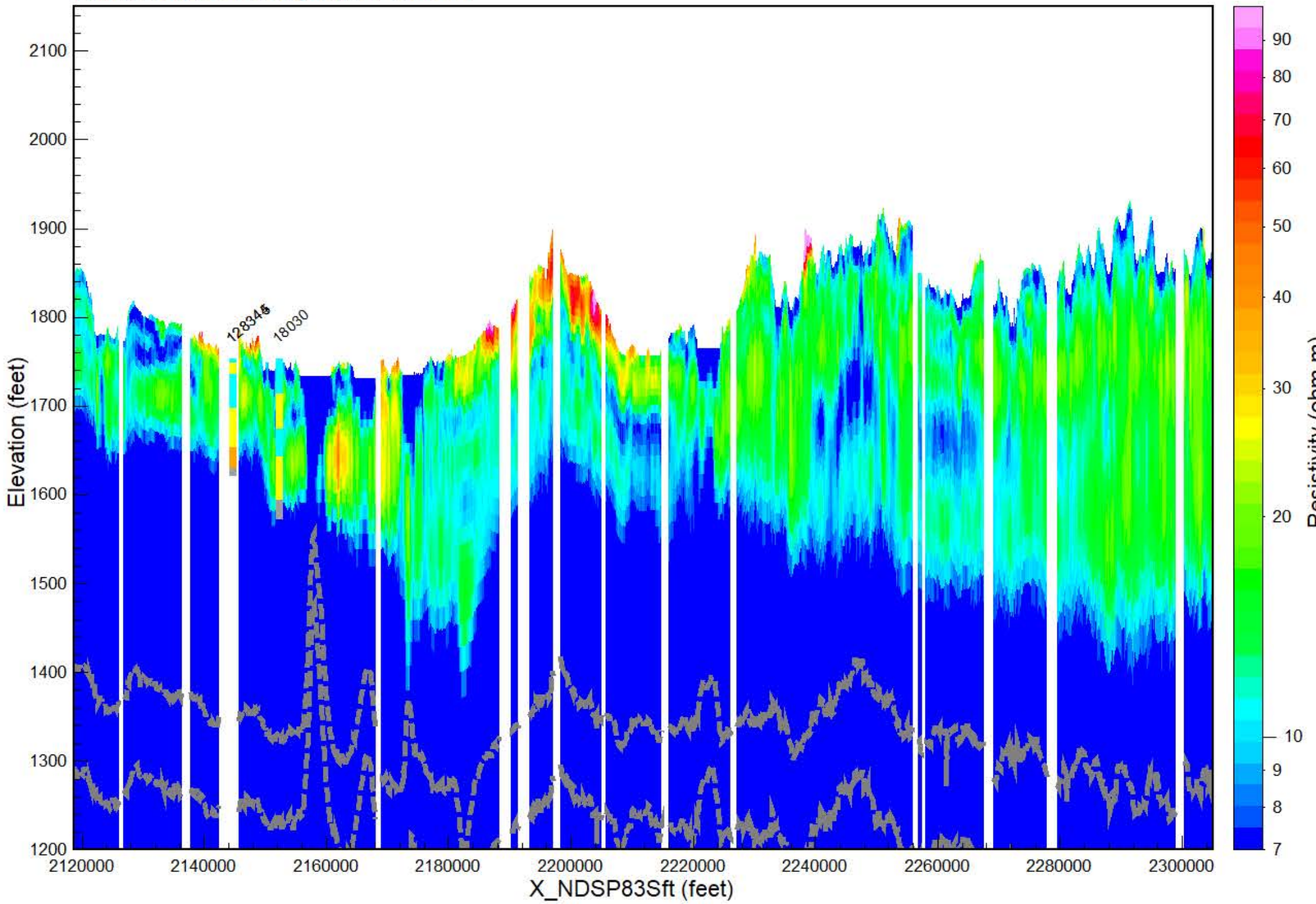
Flight Location Line L101901



AEM Survey Area 1



Final SCI Resistivity Line L101901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

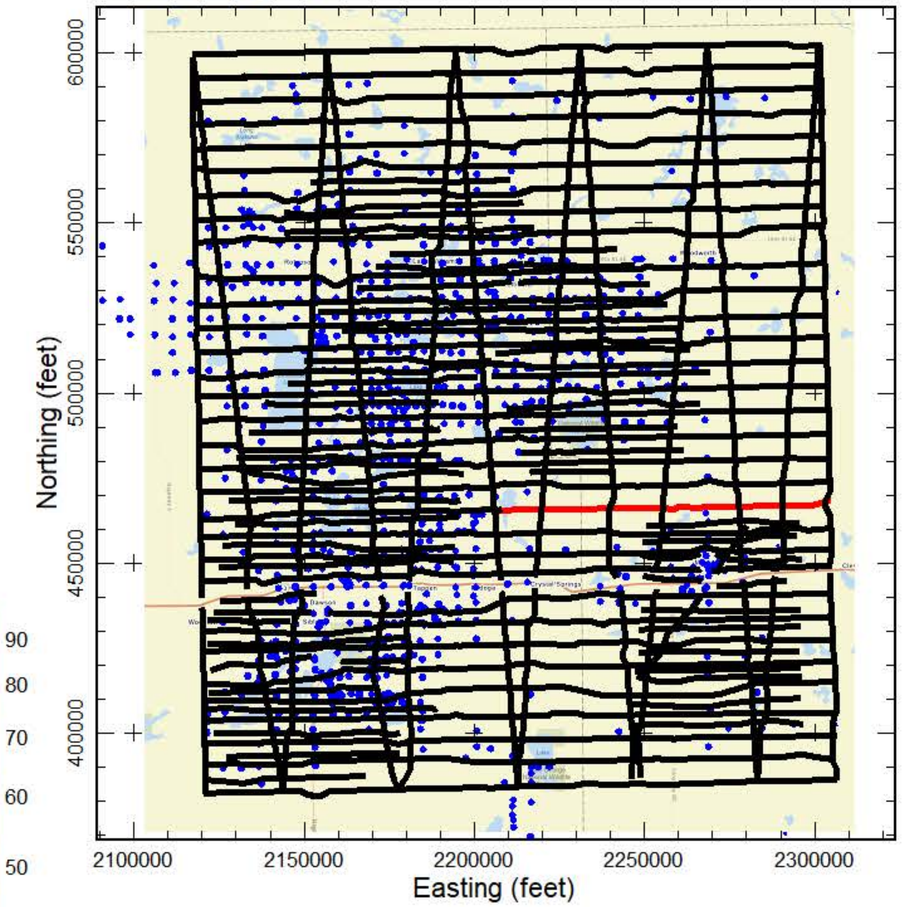
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

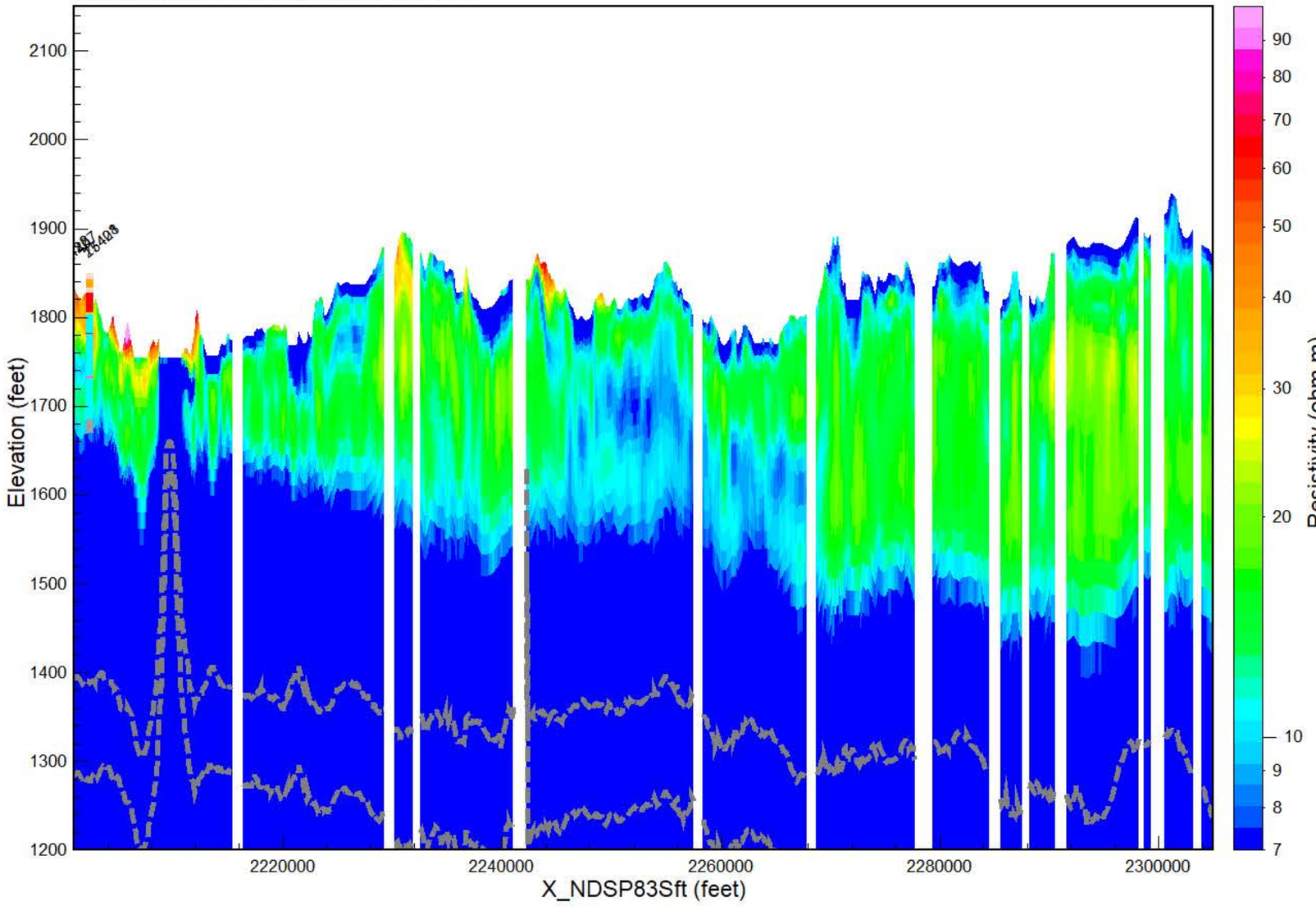
Flight Location Line L102001



AEM Survey Area 1



Final SCI Resistivity Line L102001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

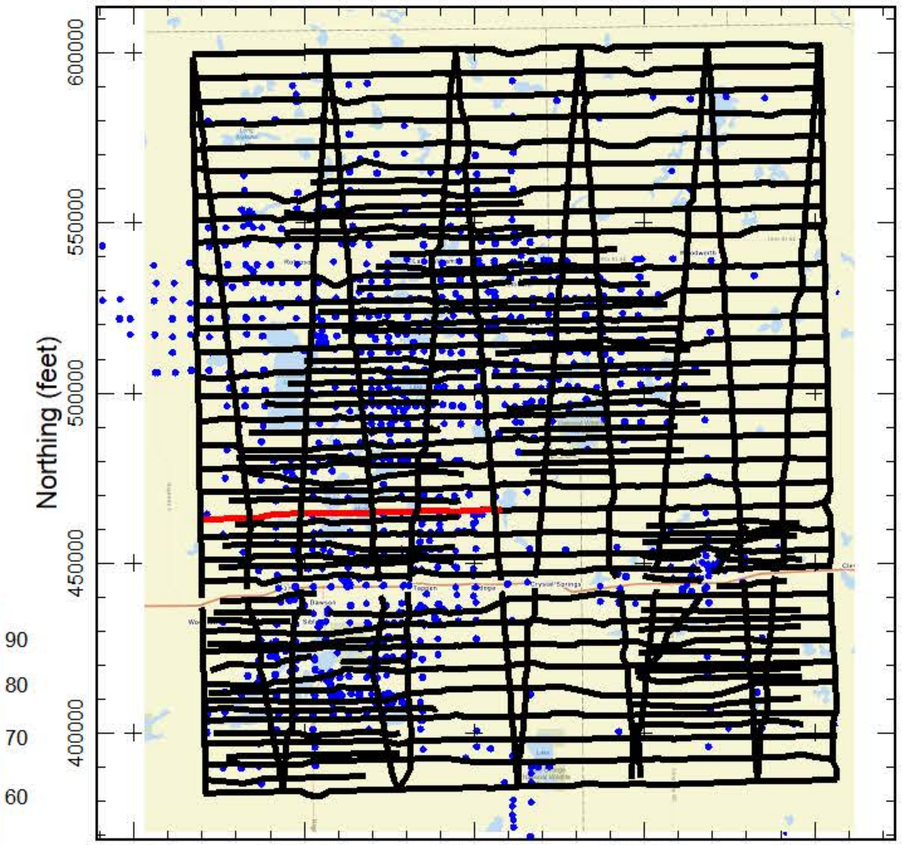
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

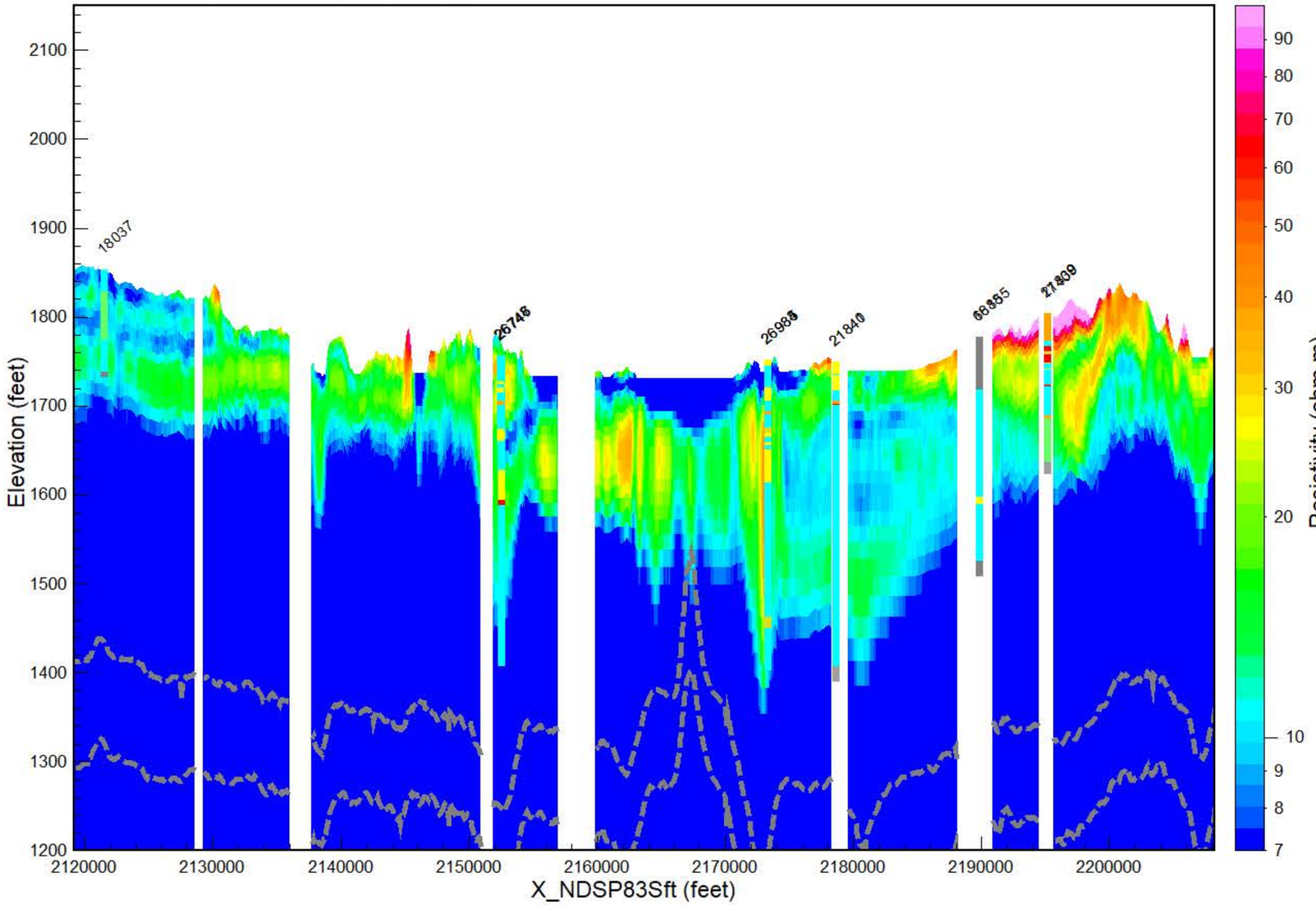
Flight Location Line L102002



AEM Survey Area 1



Final SCI Resistivity Line L102002

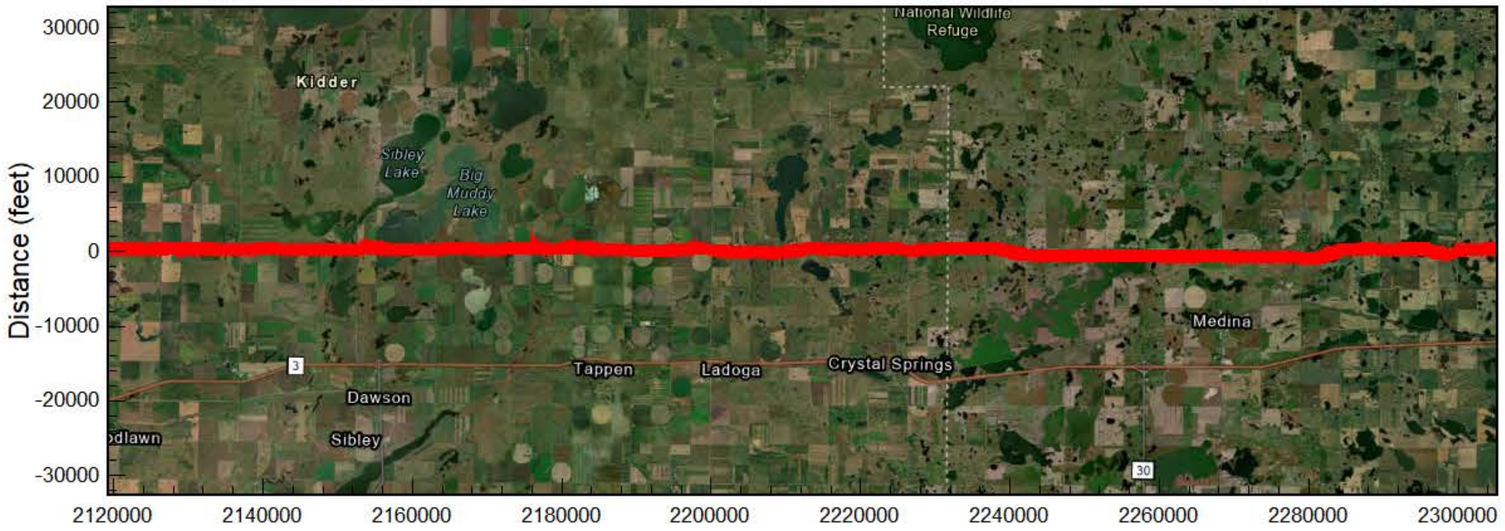


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

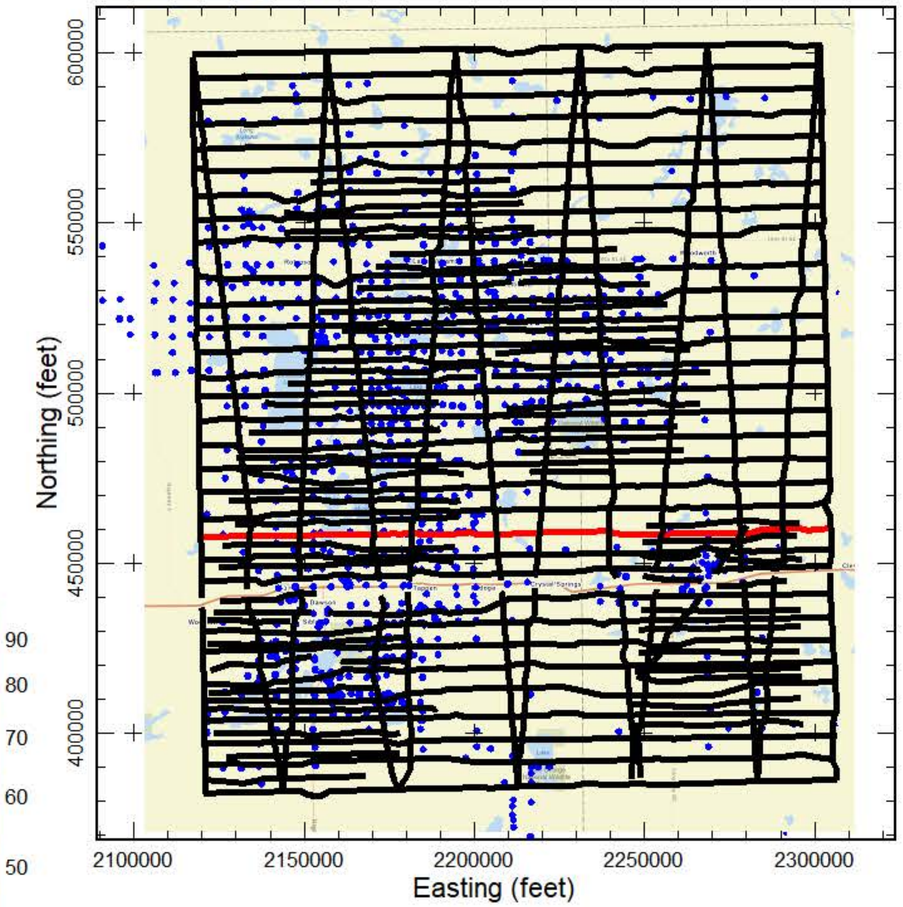
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

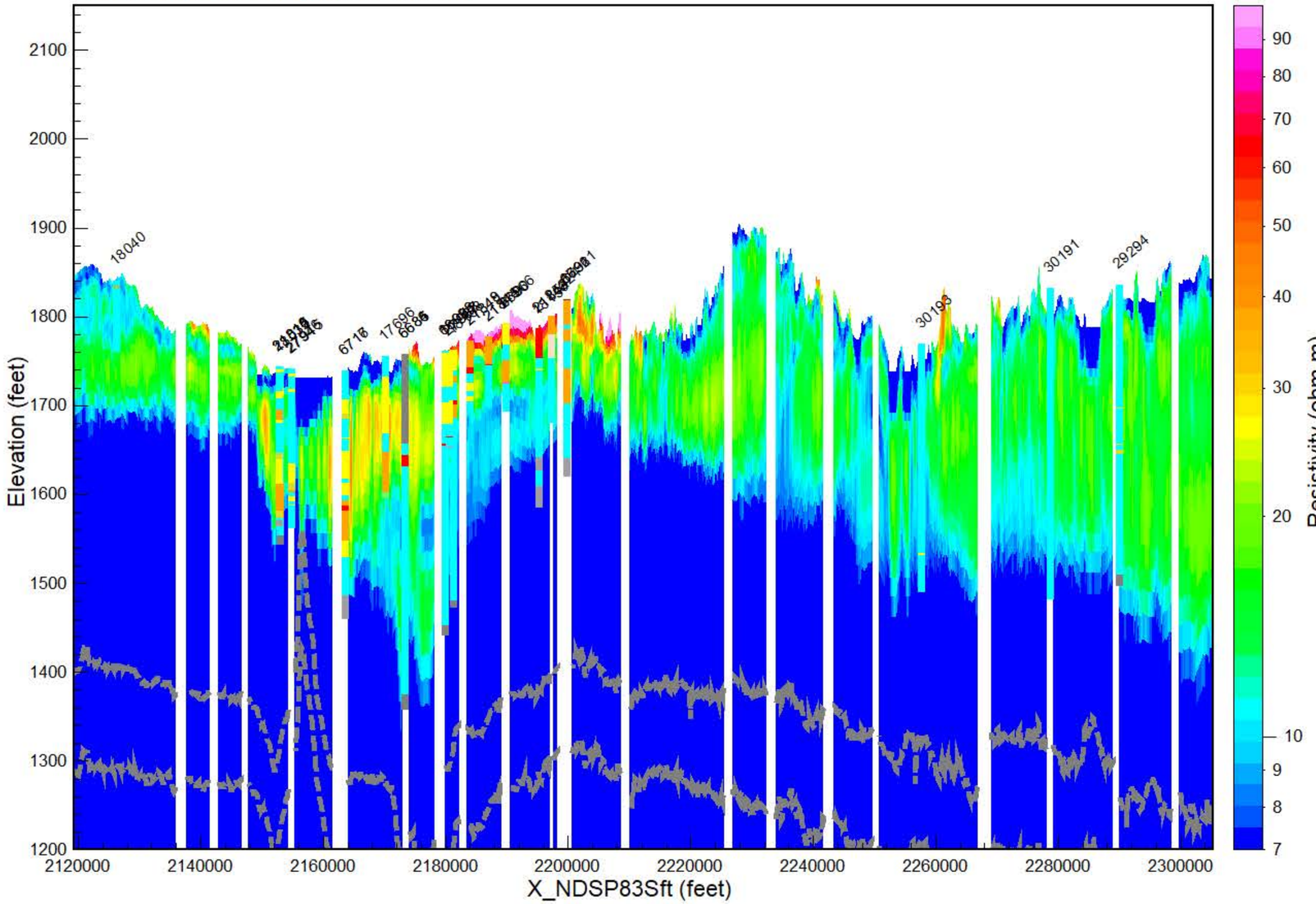
Flight Location Line L102101



AEM Survey Area 1



Final SCI Resistivity Line L102101

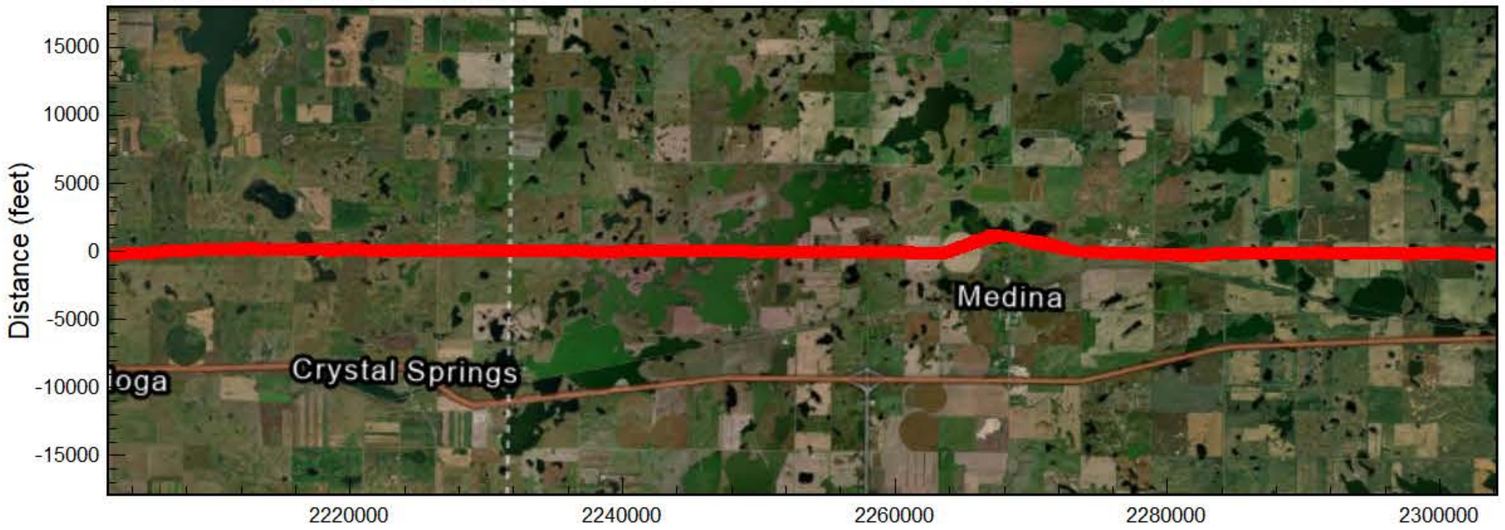


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

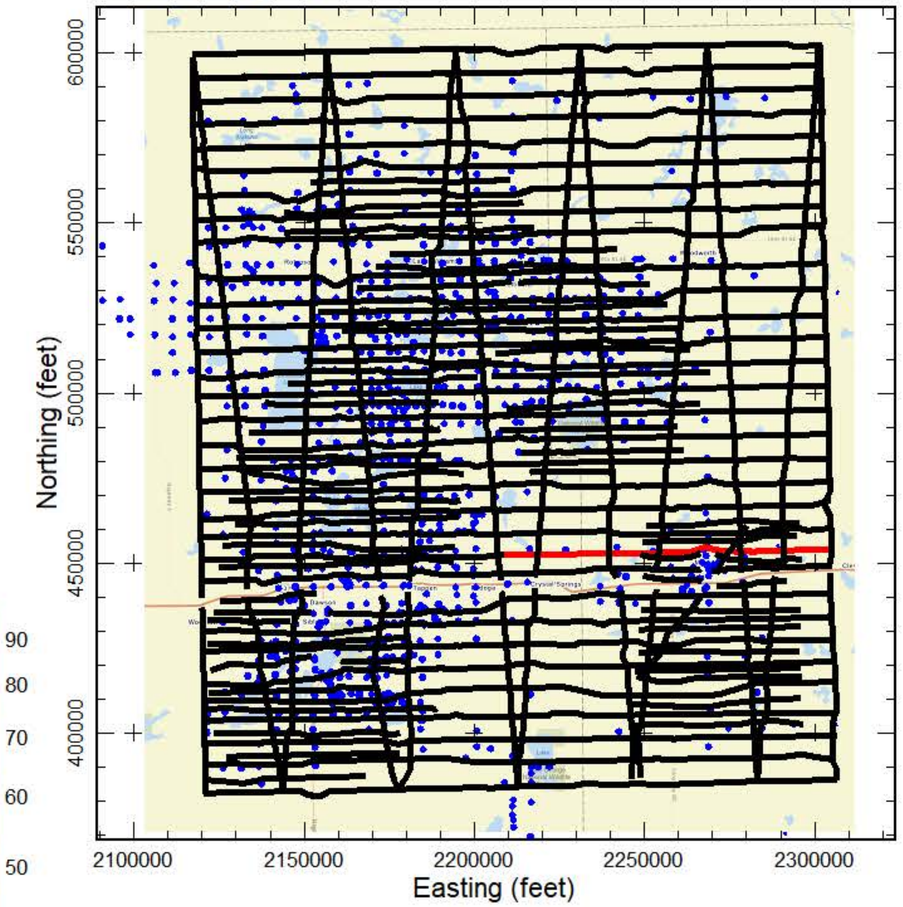
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

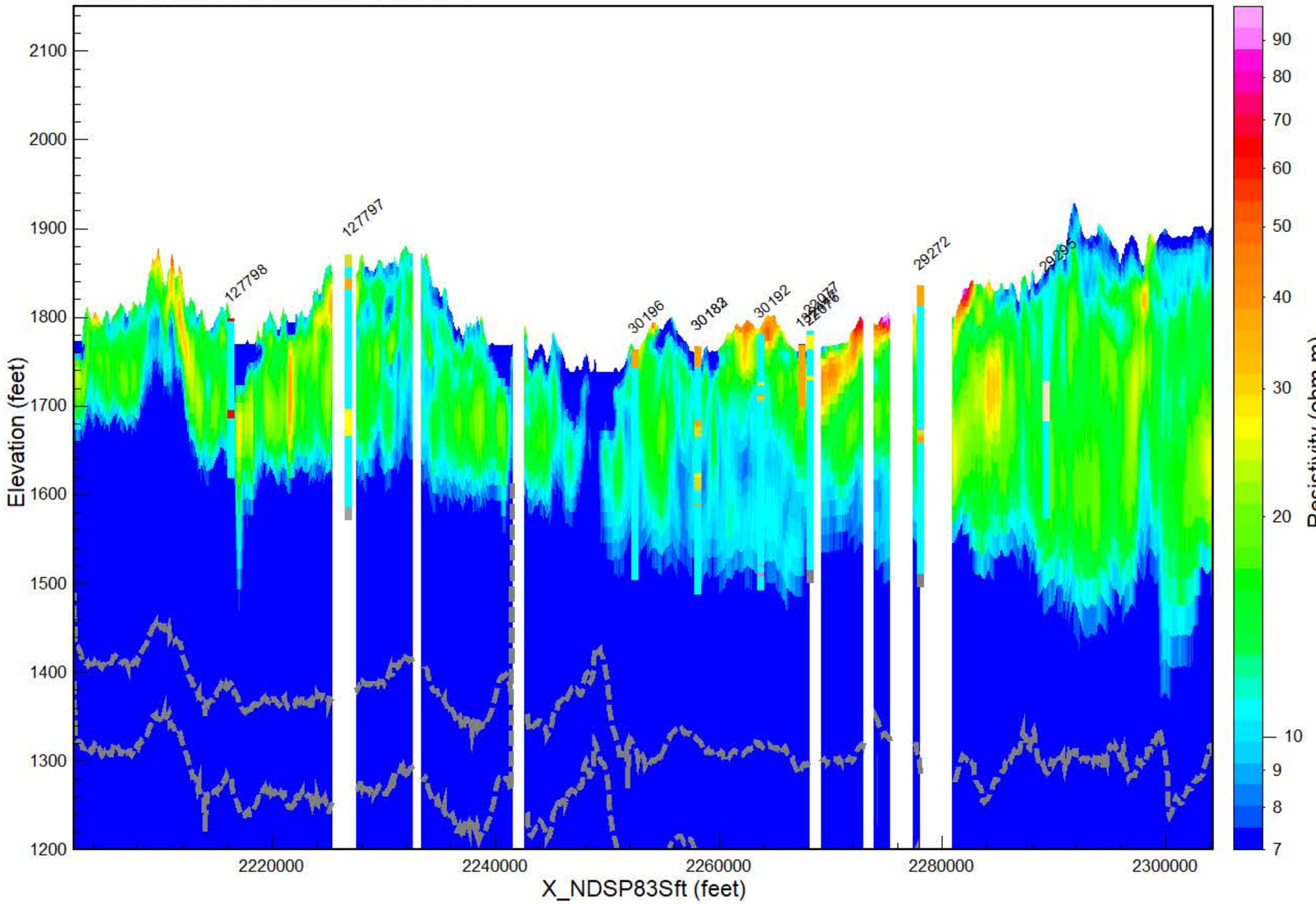
Flight Location Line L102201



AEM Survey Area 1



Final SCI Resistivity Line L102201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

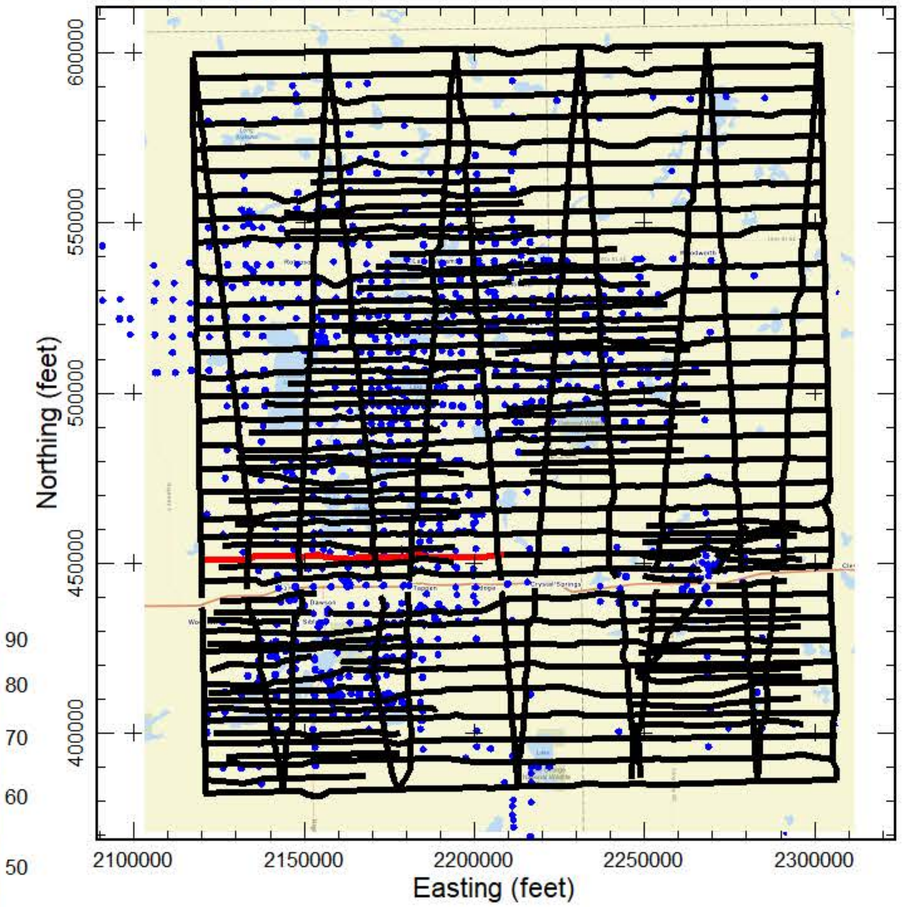
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

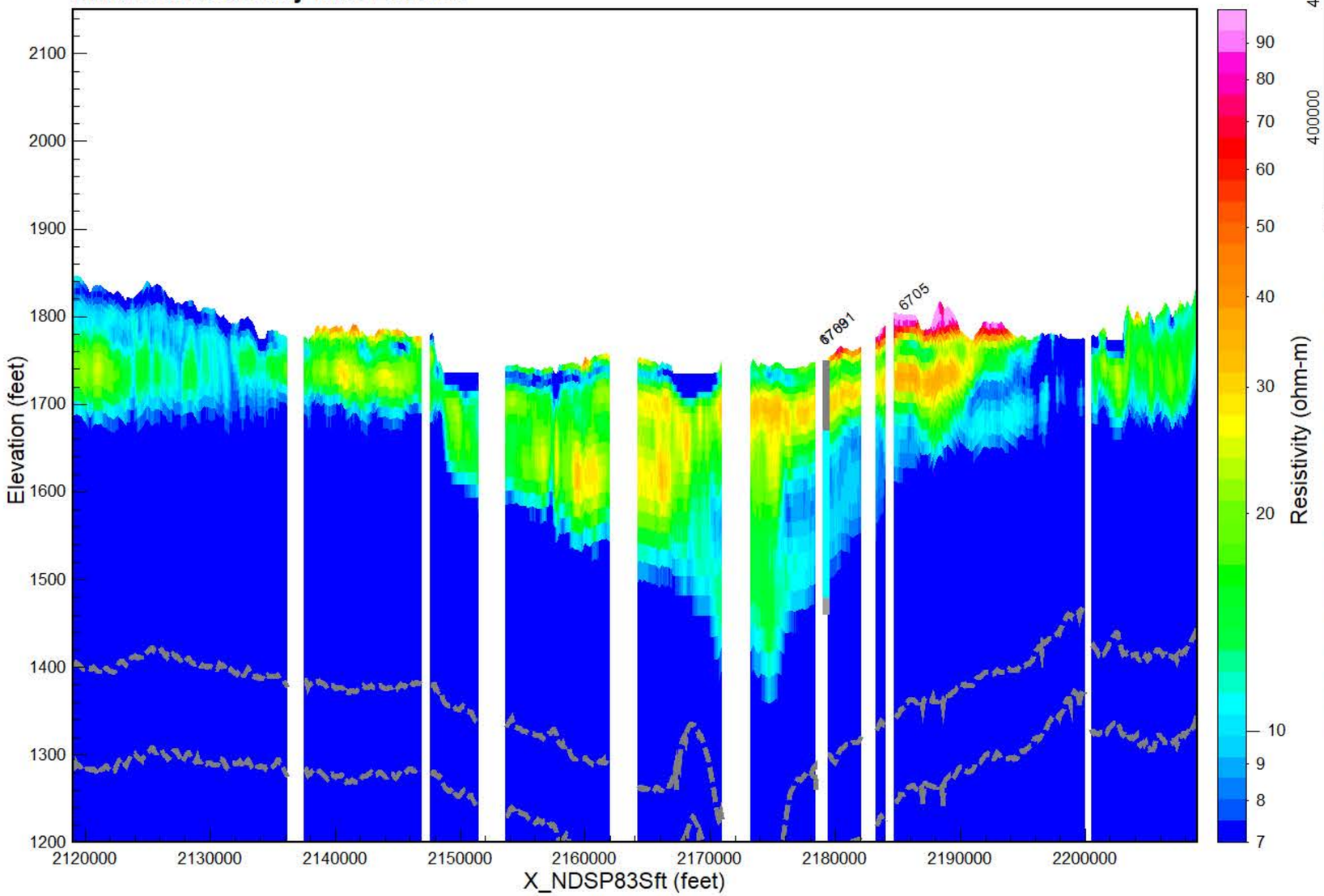
Flight Location Line L102202



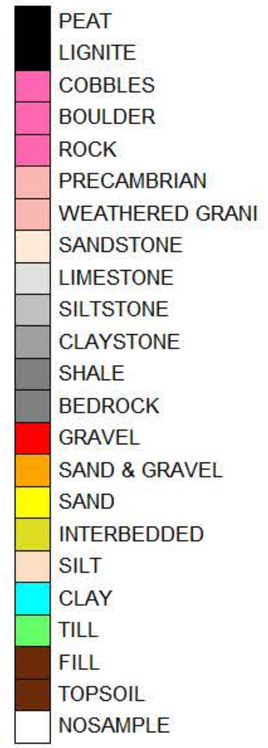
AEM Survey Area 1



Final SCI Resistivity Line L102202

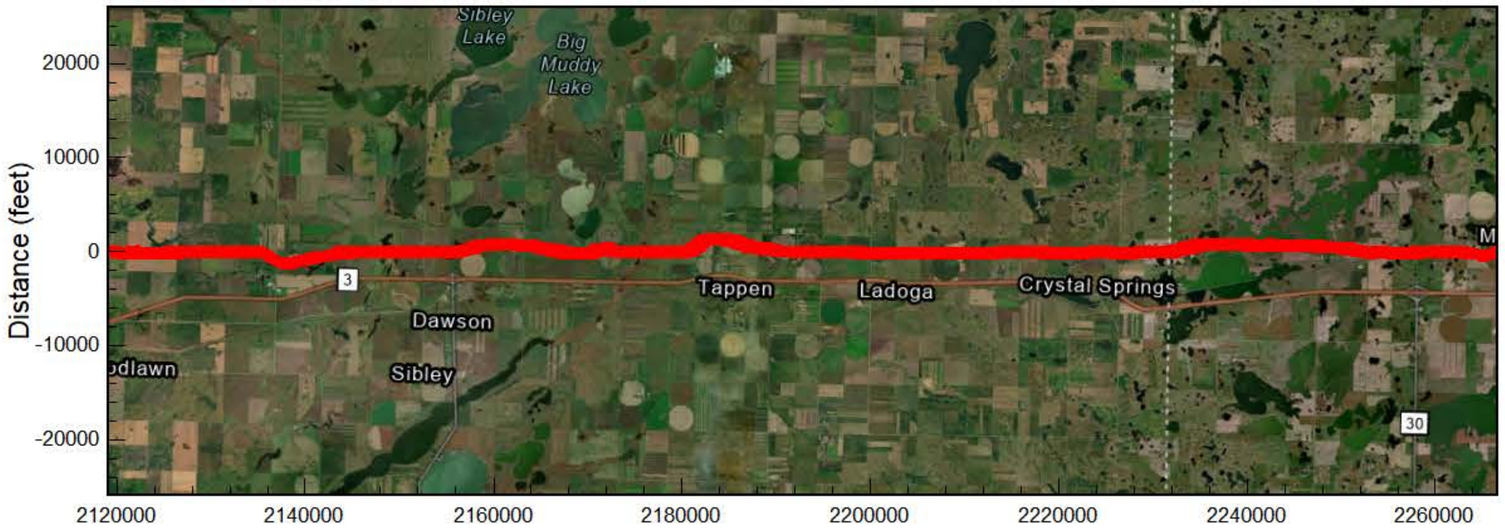


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

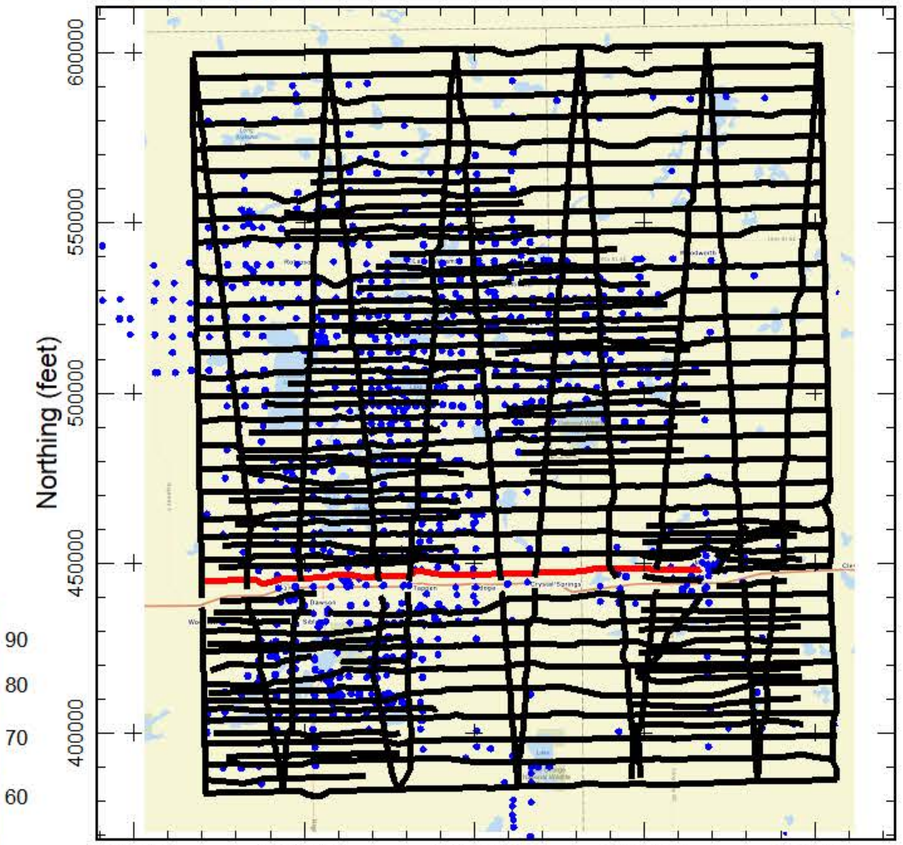


AGF
Aqua Geo Frameworks

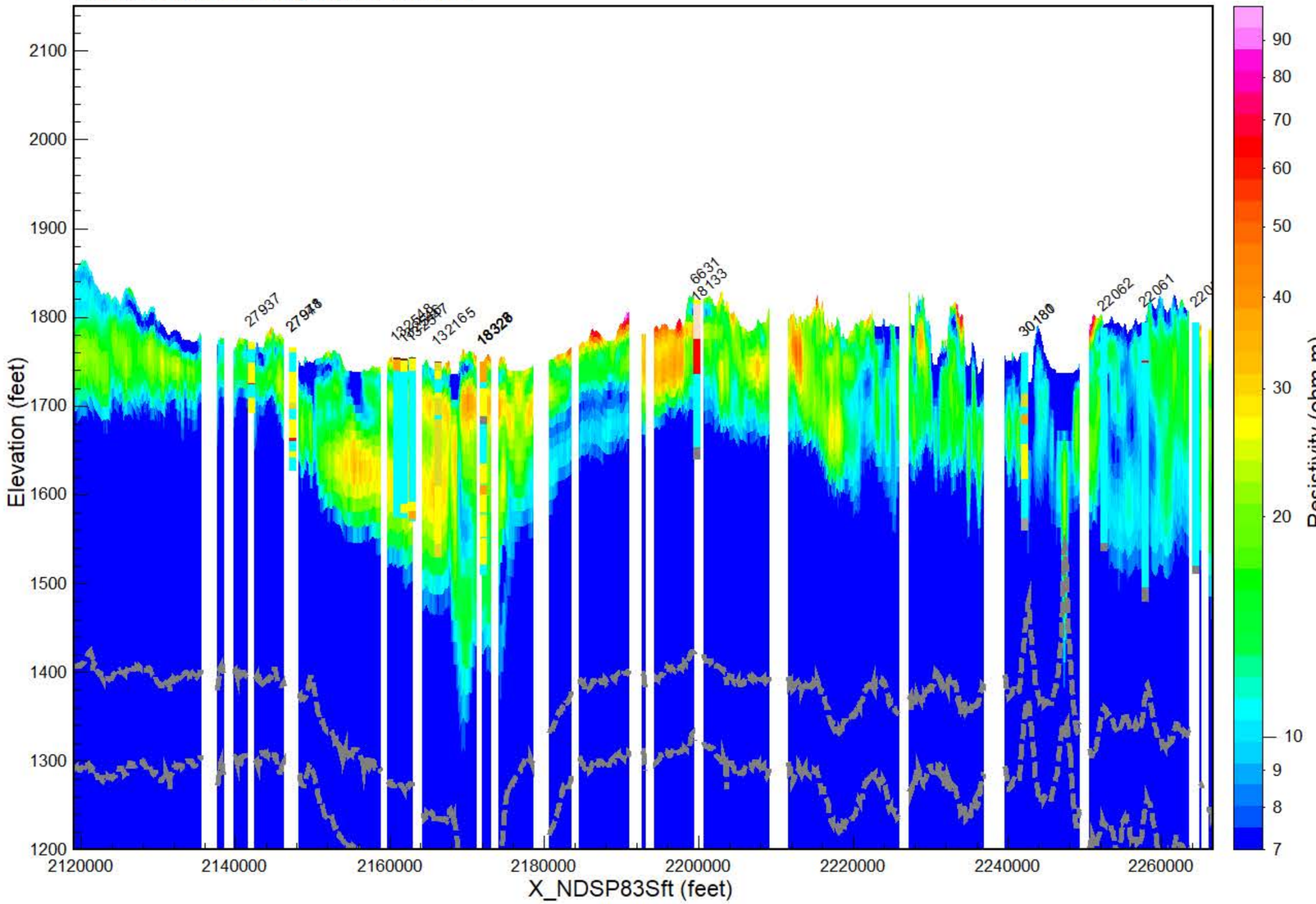
Flight Location Line L102301



AEM Survey Area 1



Final SCI Resistivity Line L102301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

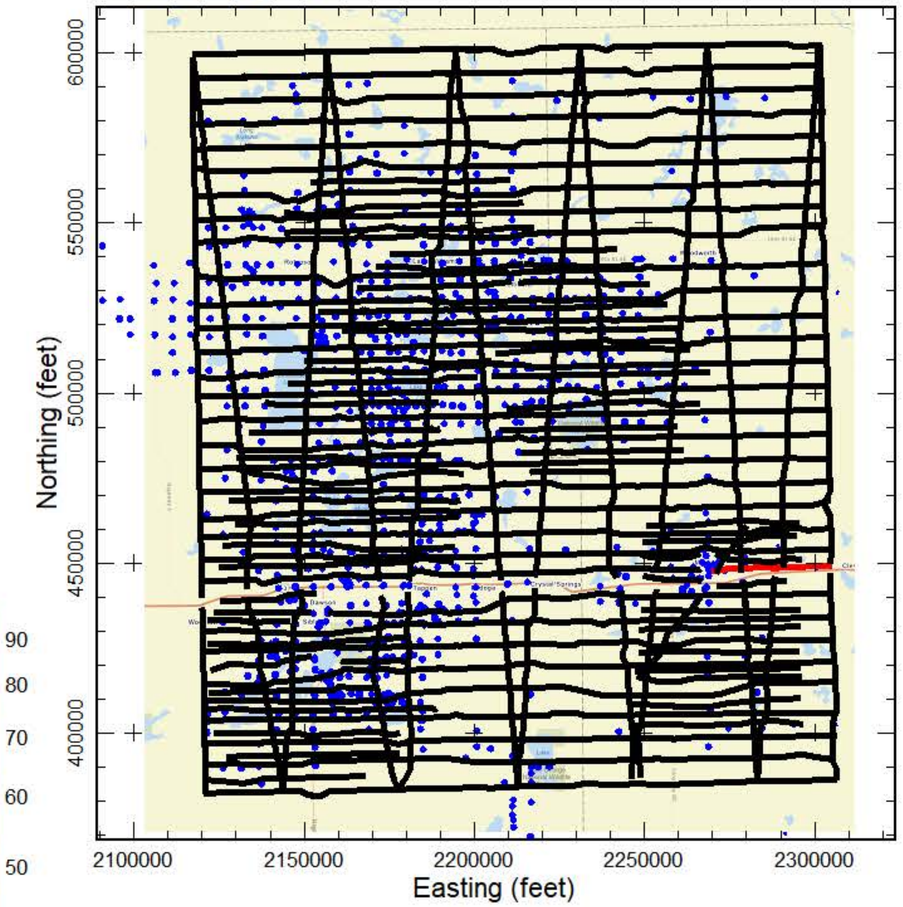
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

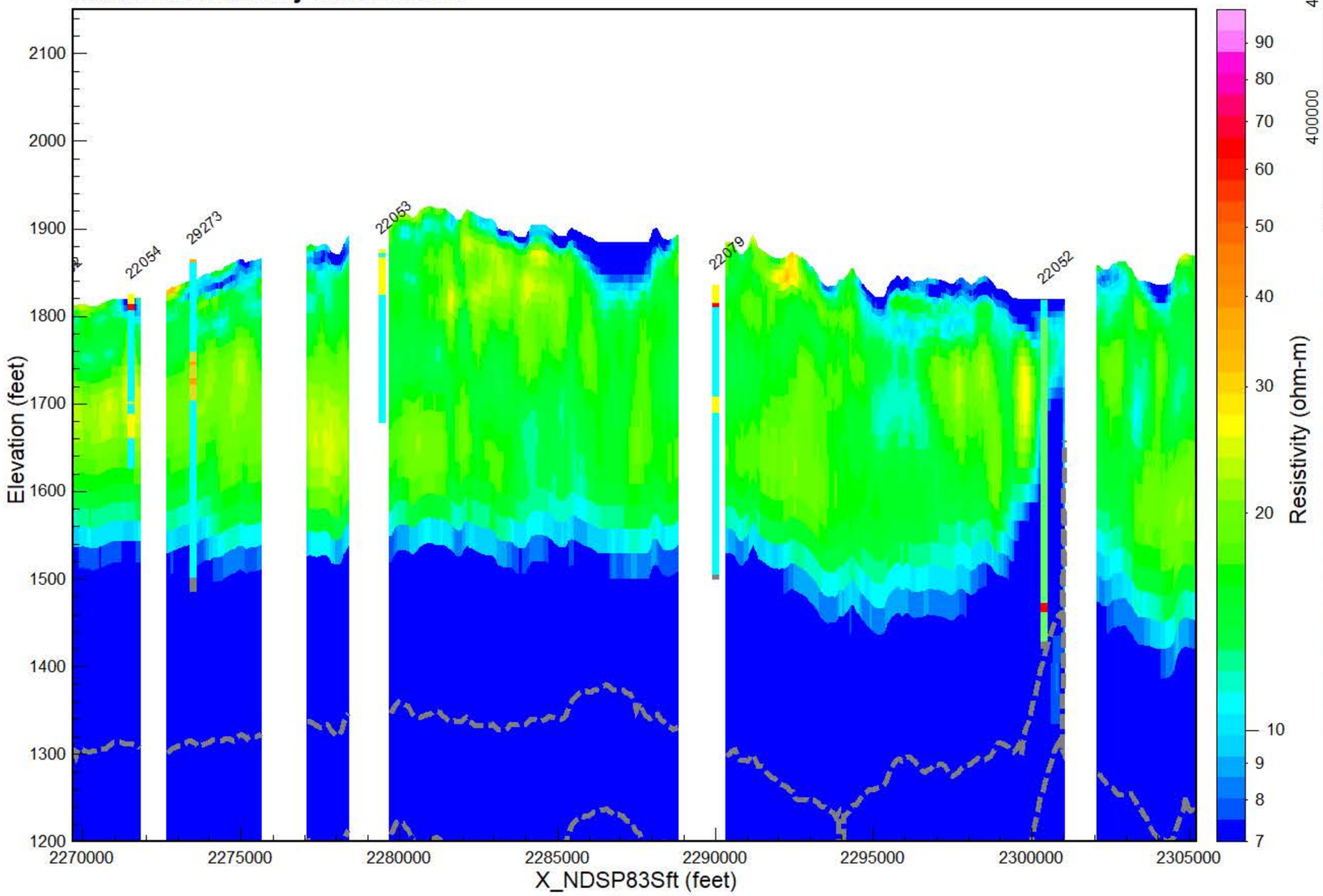
Flight Location Line L102302



AEM Survey Area 1



Final SCI Resistivity Line L102302



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

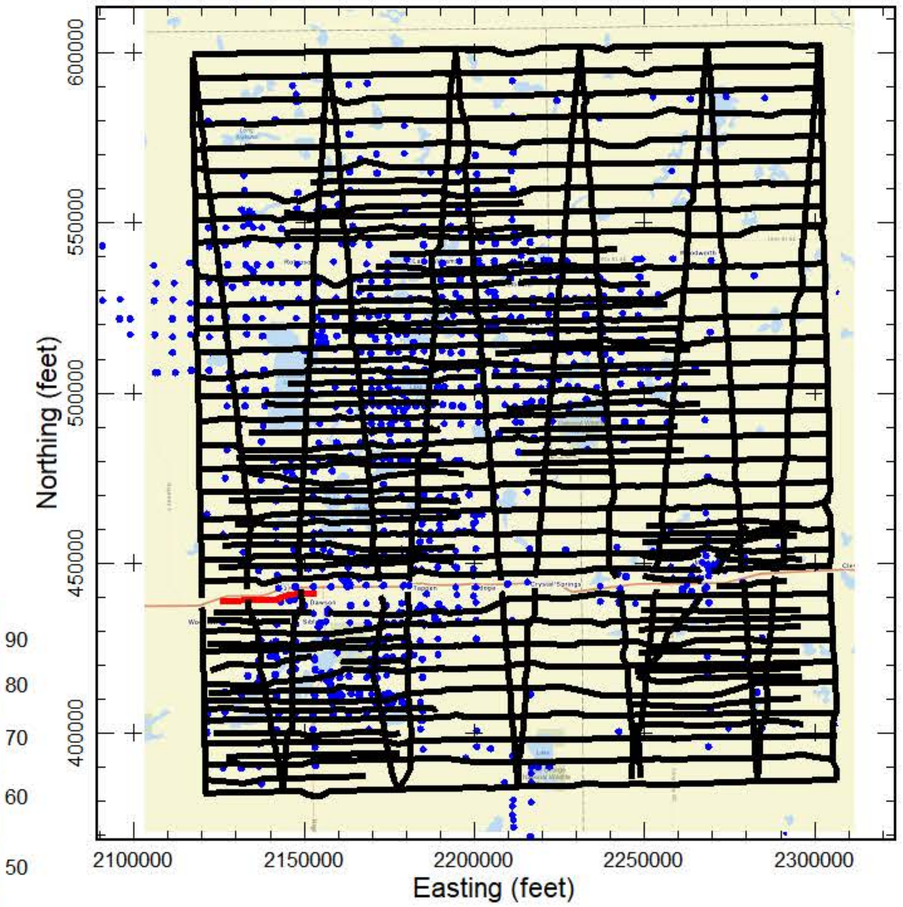
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

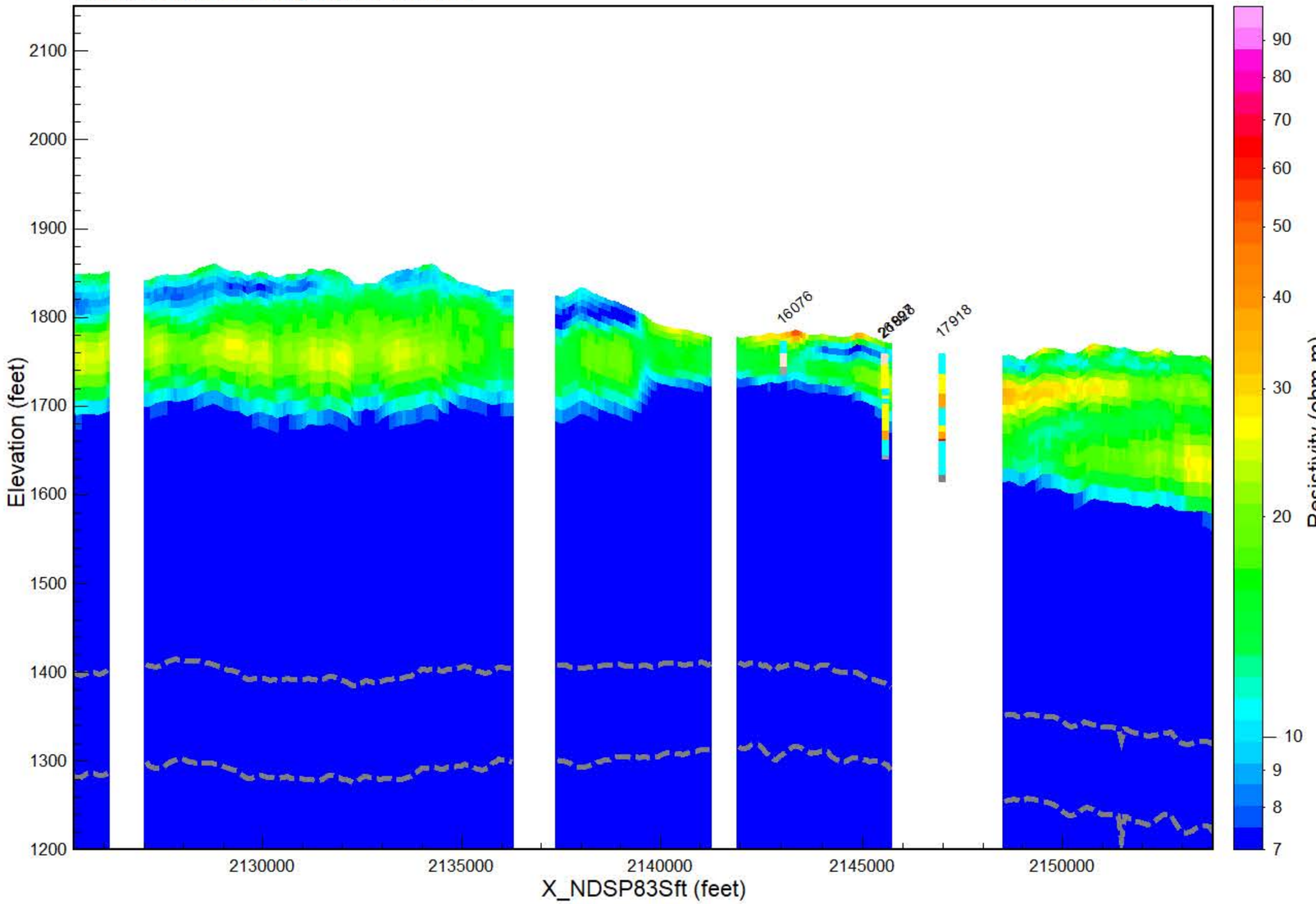
Flight Location Line L102401



AEM Survey Area 1



Final SCI Resistivity Line L102401

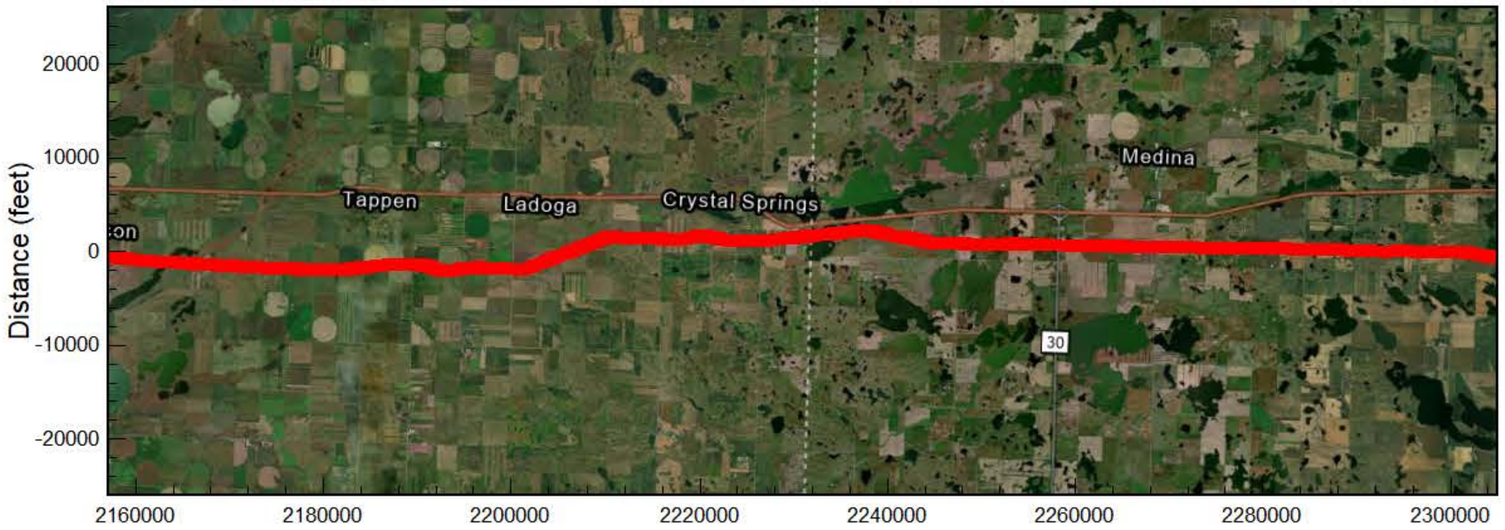


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

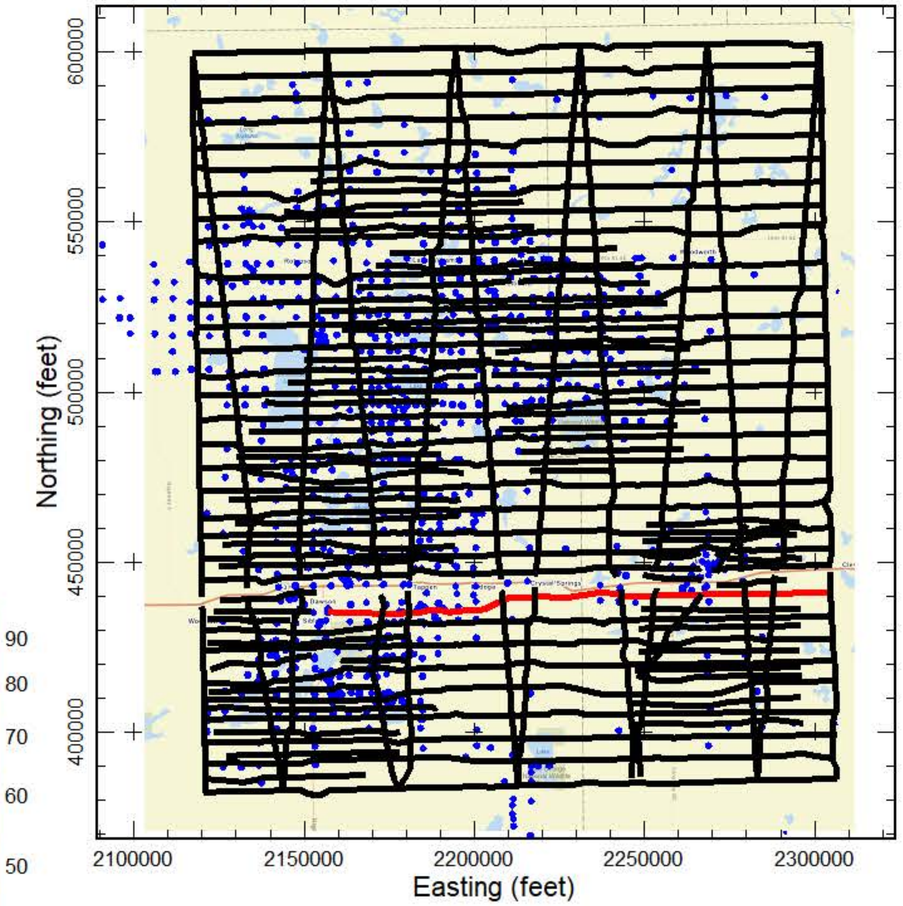
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

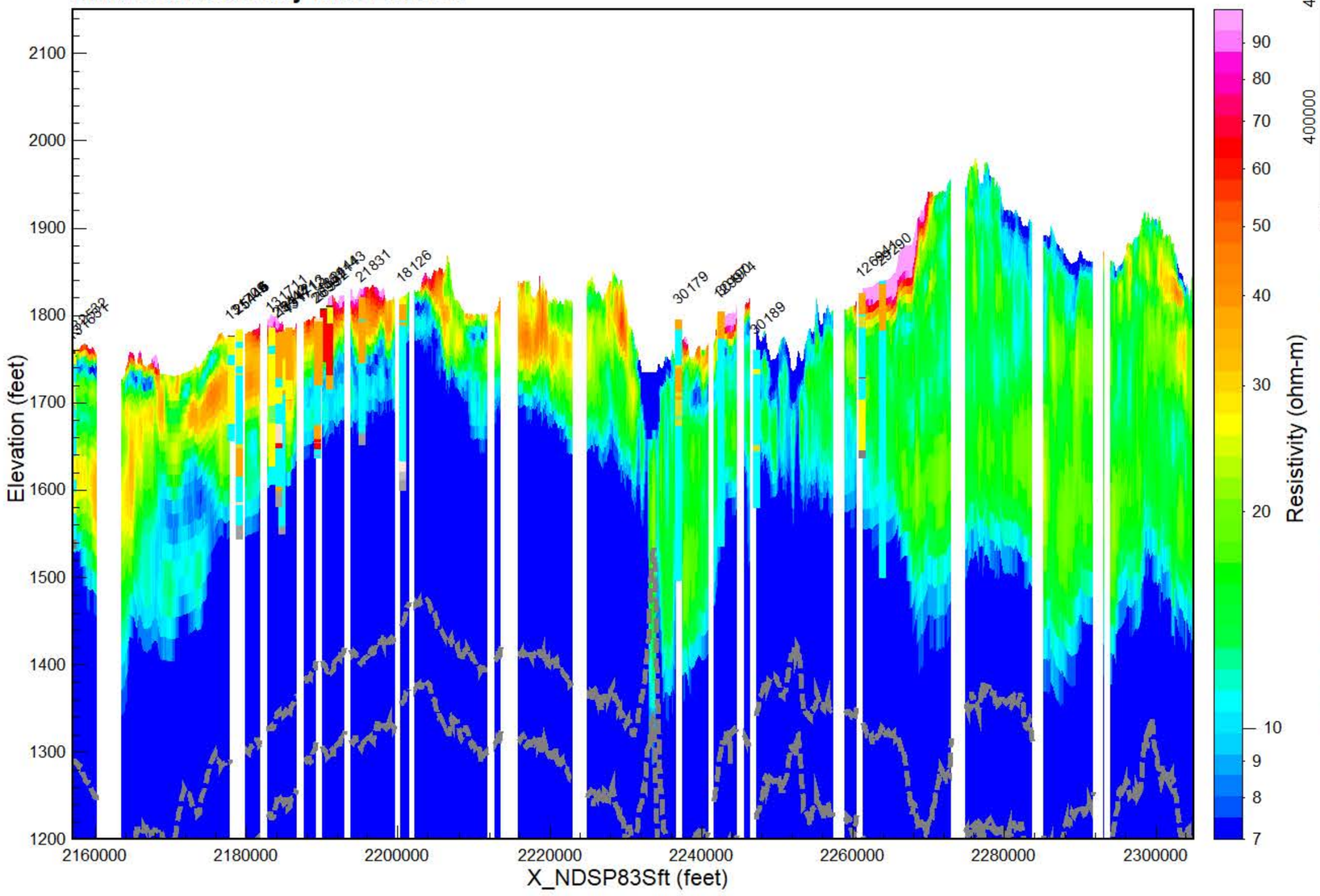
Flight Location Line L102402



AEM Survey Area 1



Final SCI Resistivity Line L102402

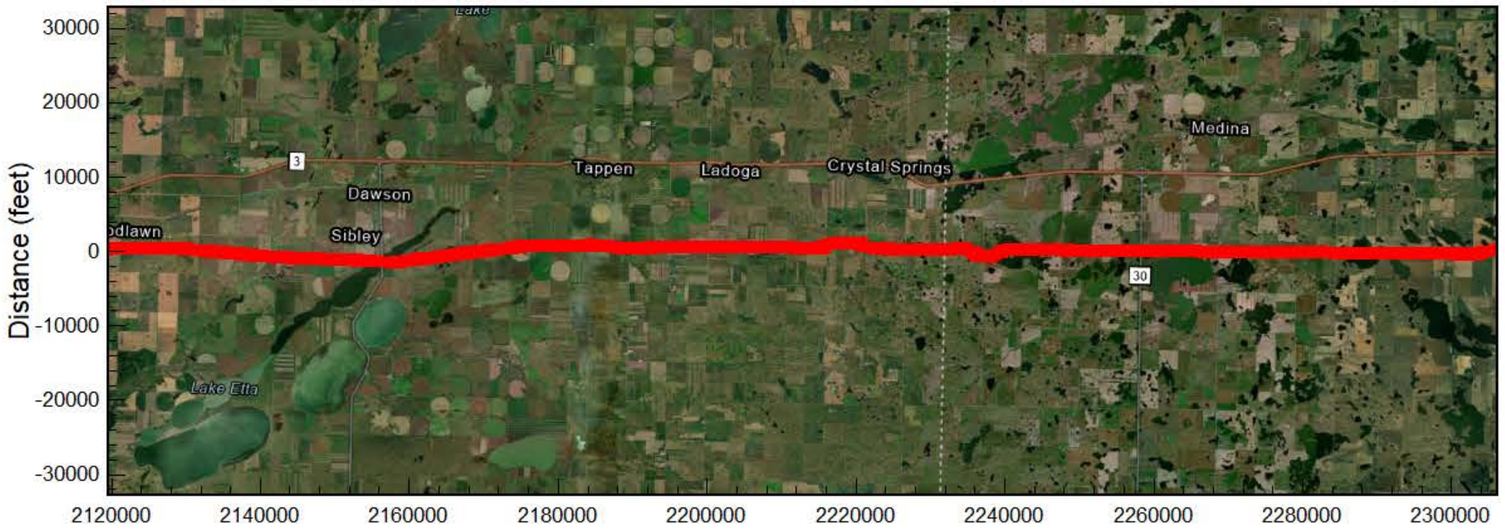


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

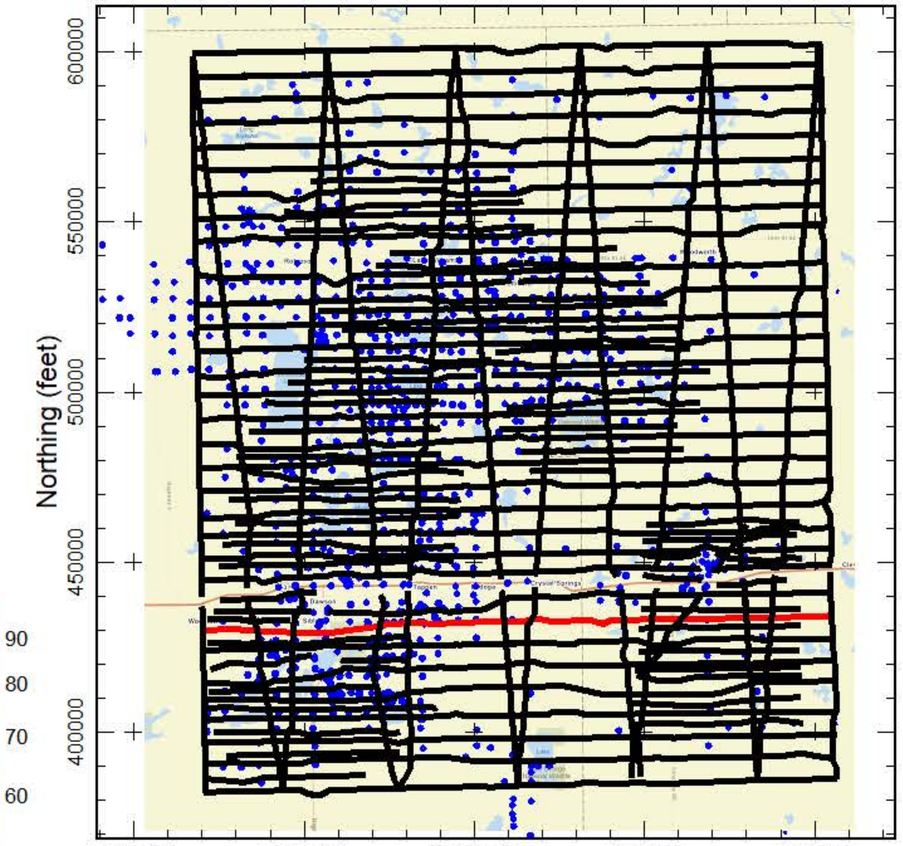
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

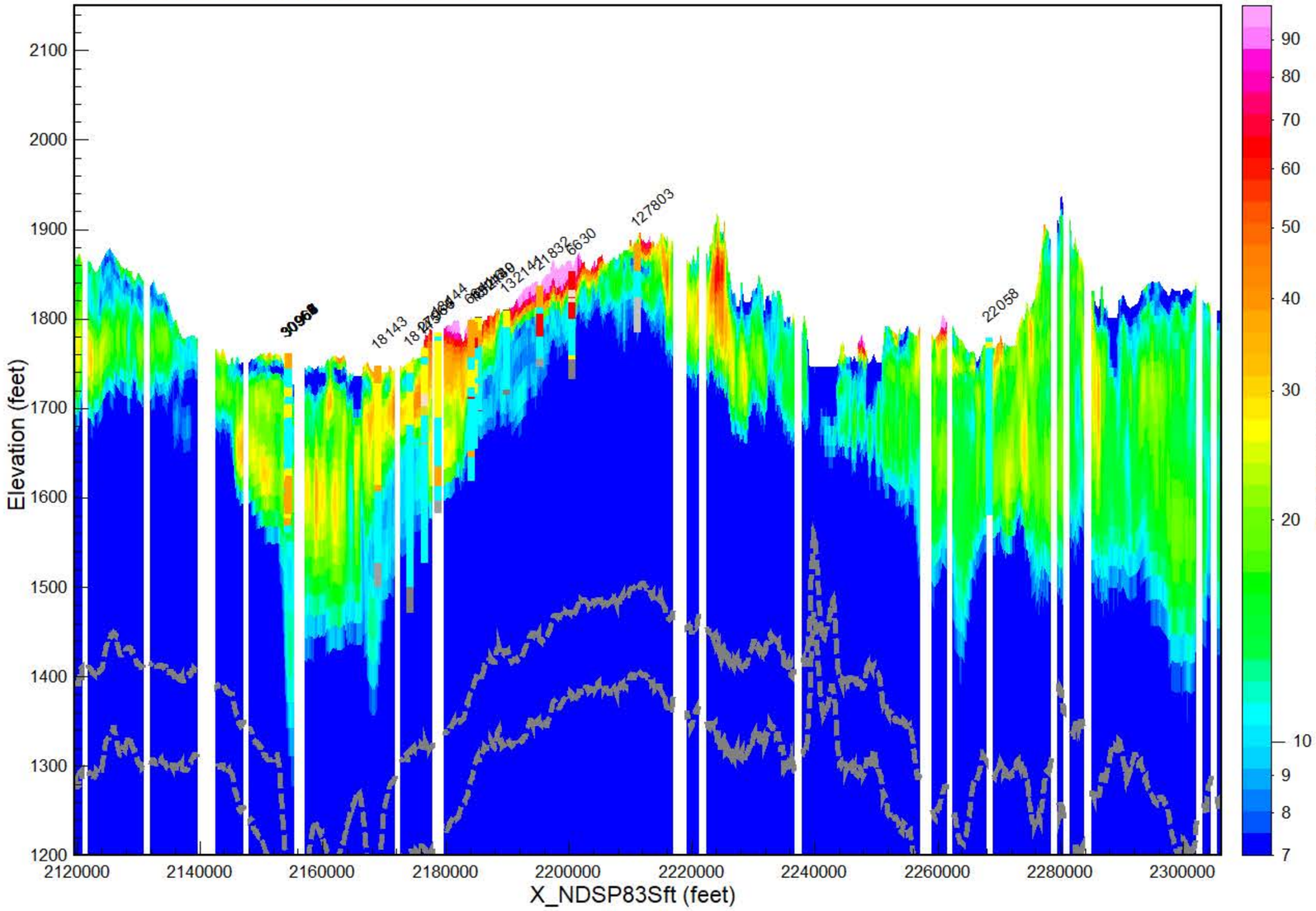
Flight Location Line L102501



AEM Survey Area 1



Final SCI Resistivity Line L102501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

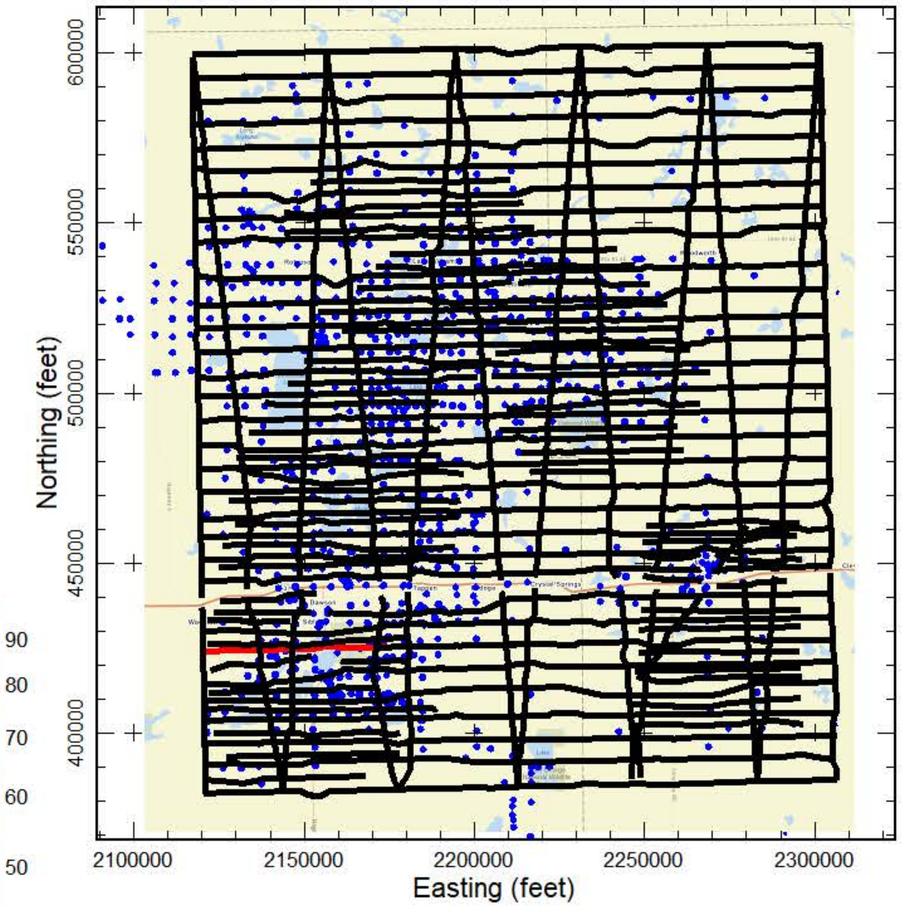
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

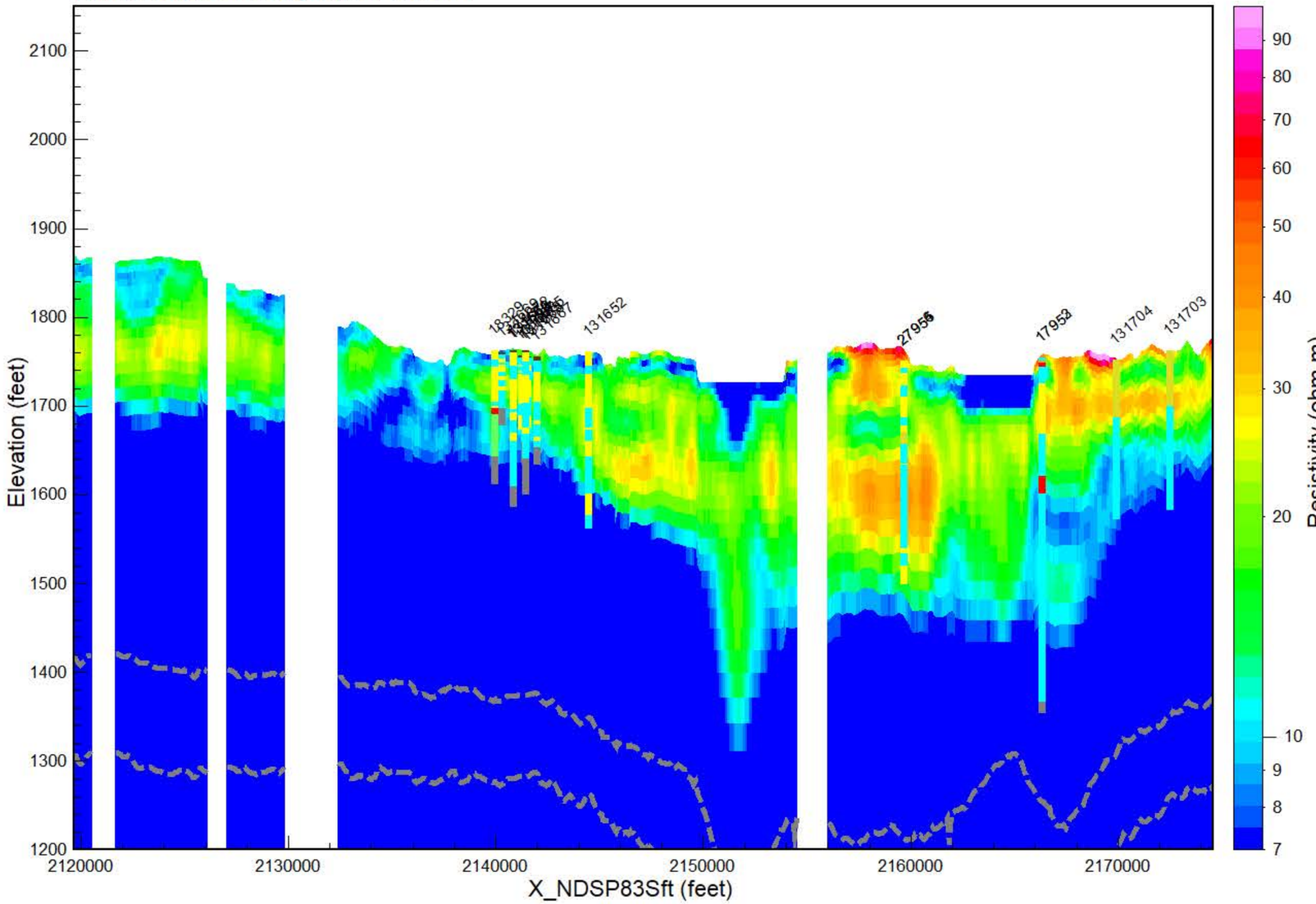
Flight Location Line L102601



AEM Survey Area 1



Final SCI Resistivity Line L102601

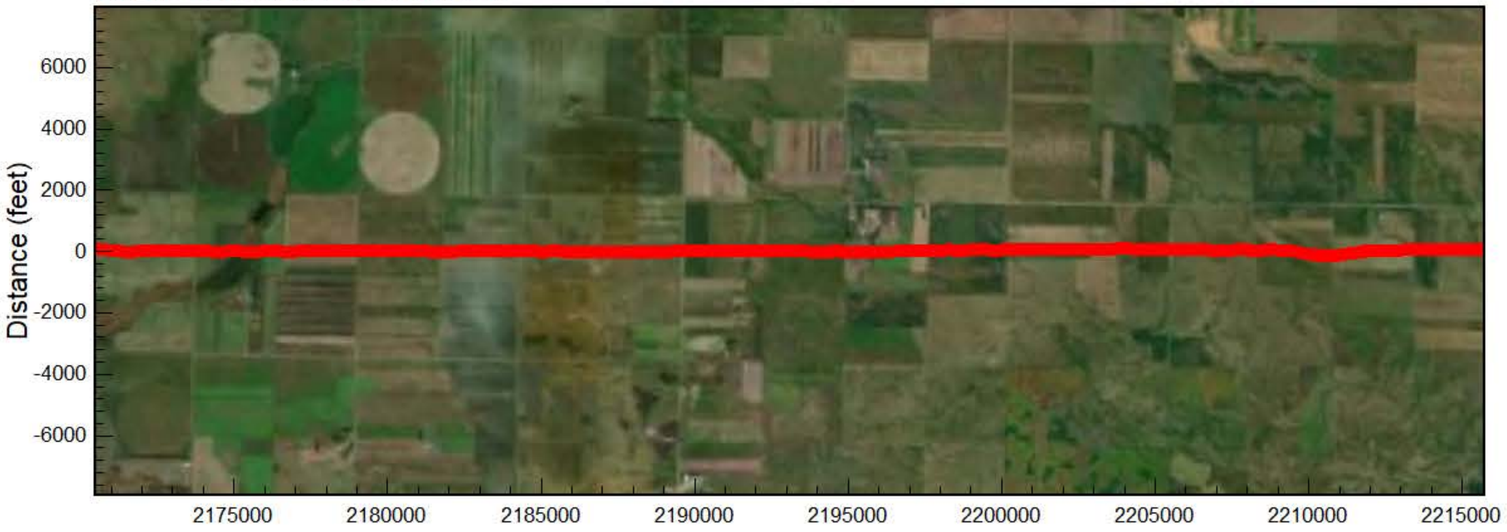


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

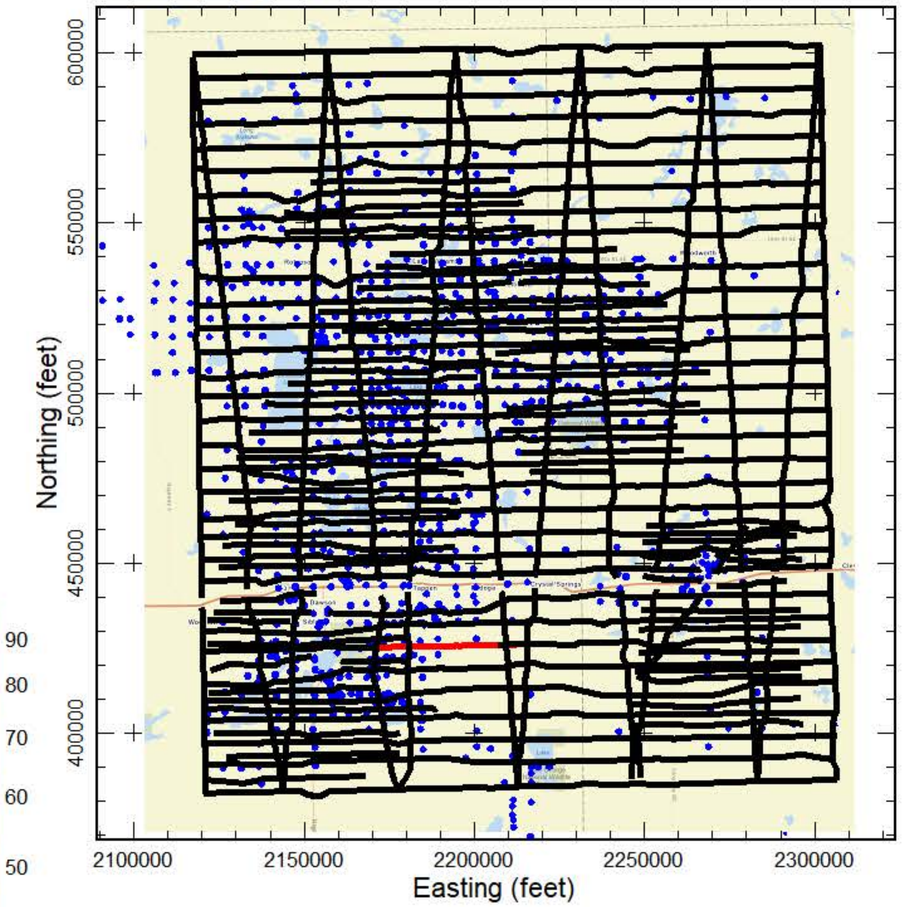
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

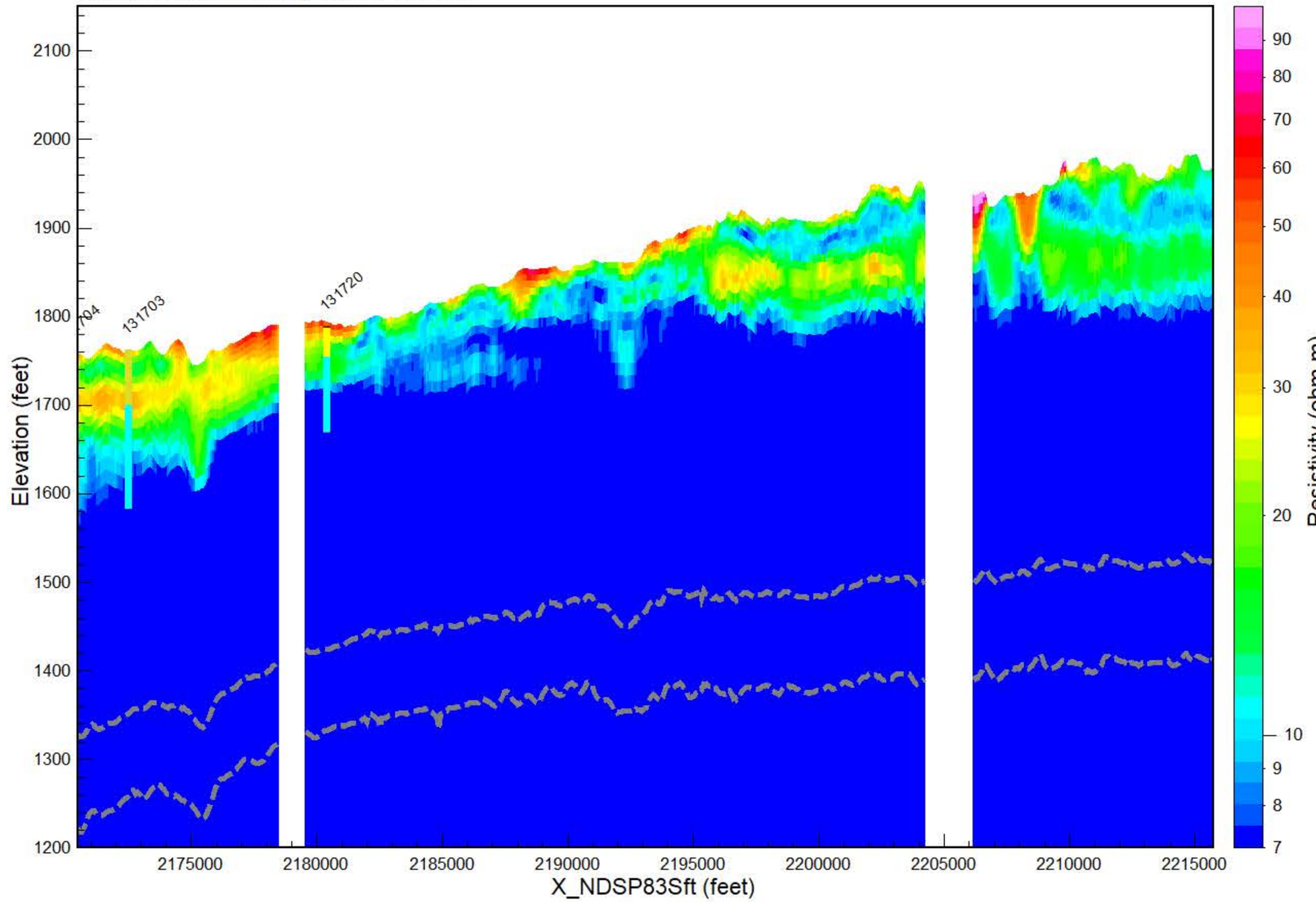
Flight Location Line L102602



AEM Survey Area 1



Final SCI Resistivity Line L102602

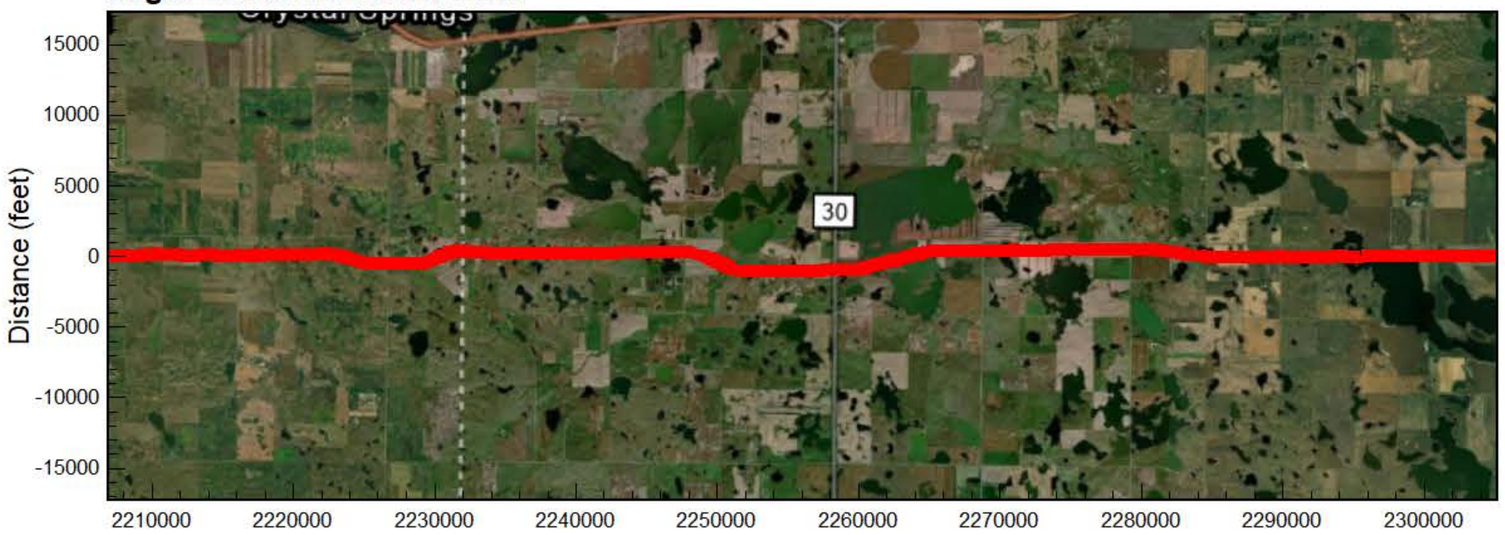


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

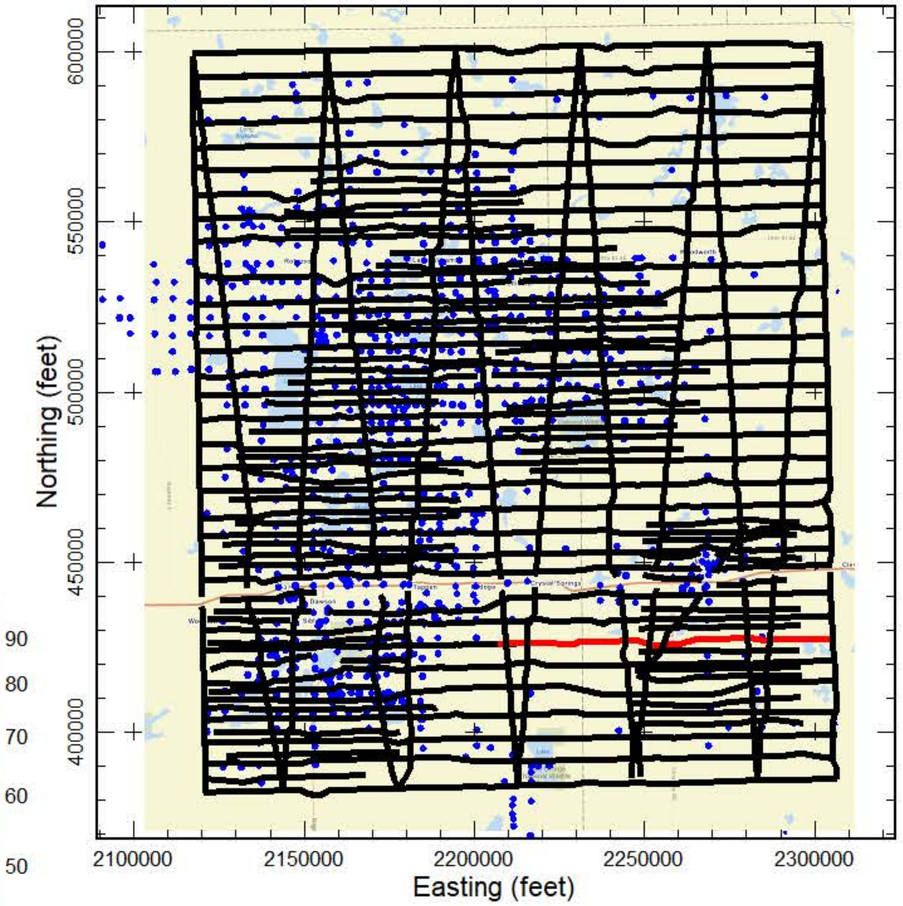
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

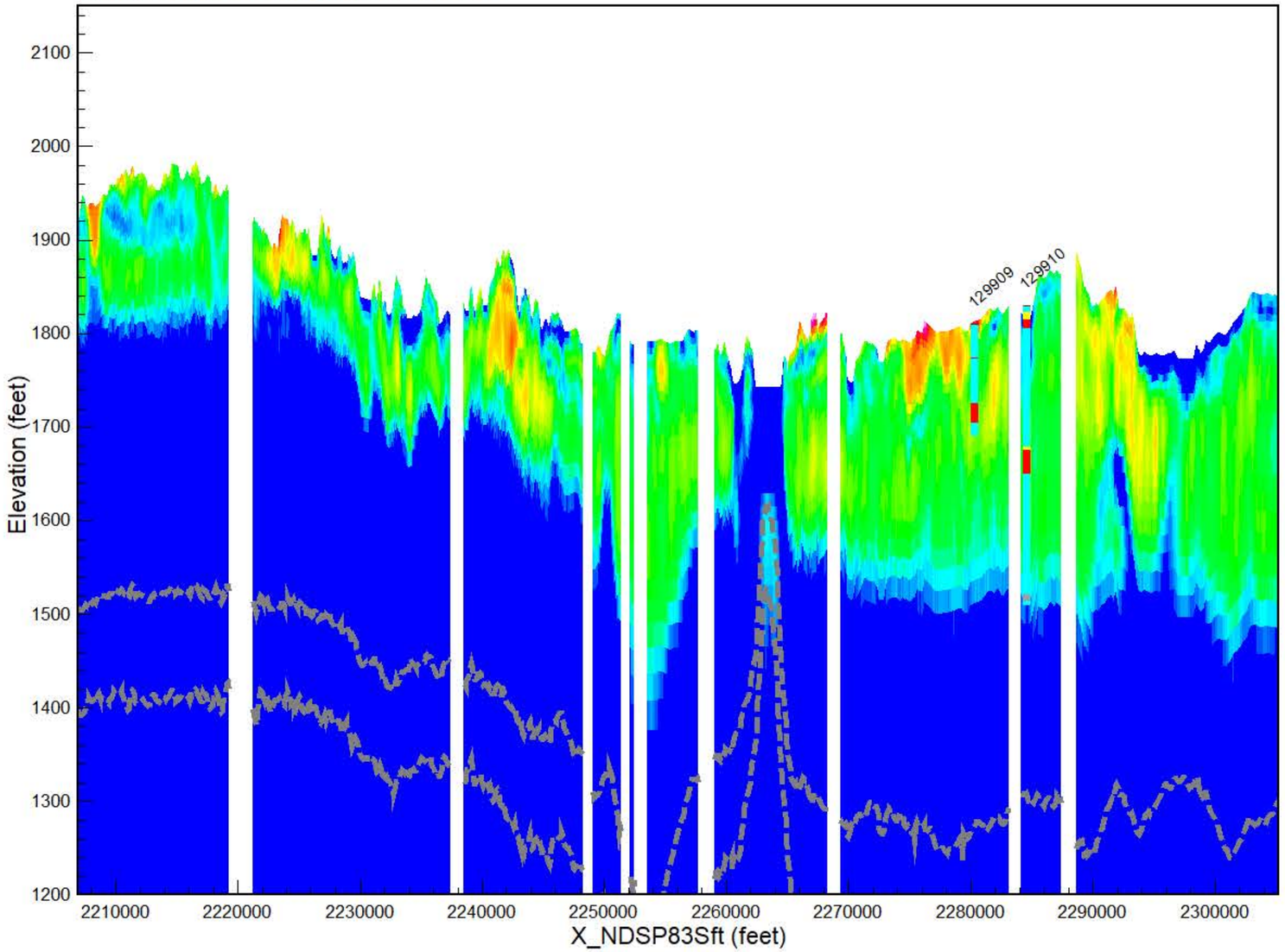
Flight Location Line L102603

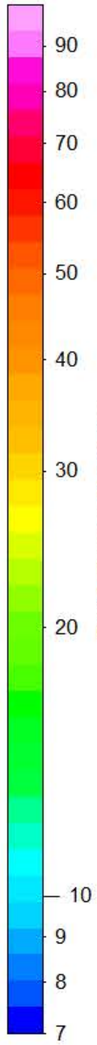


AEM Survey Area 1

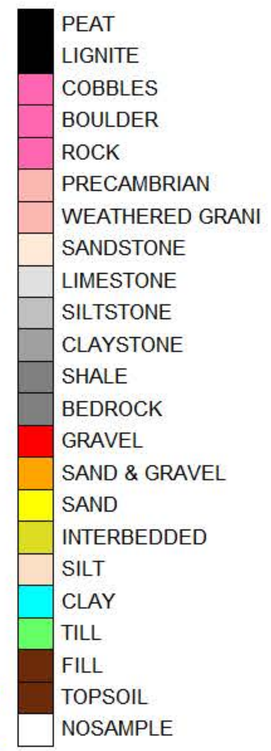


Final SCI Resistivity Line L102603



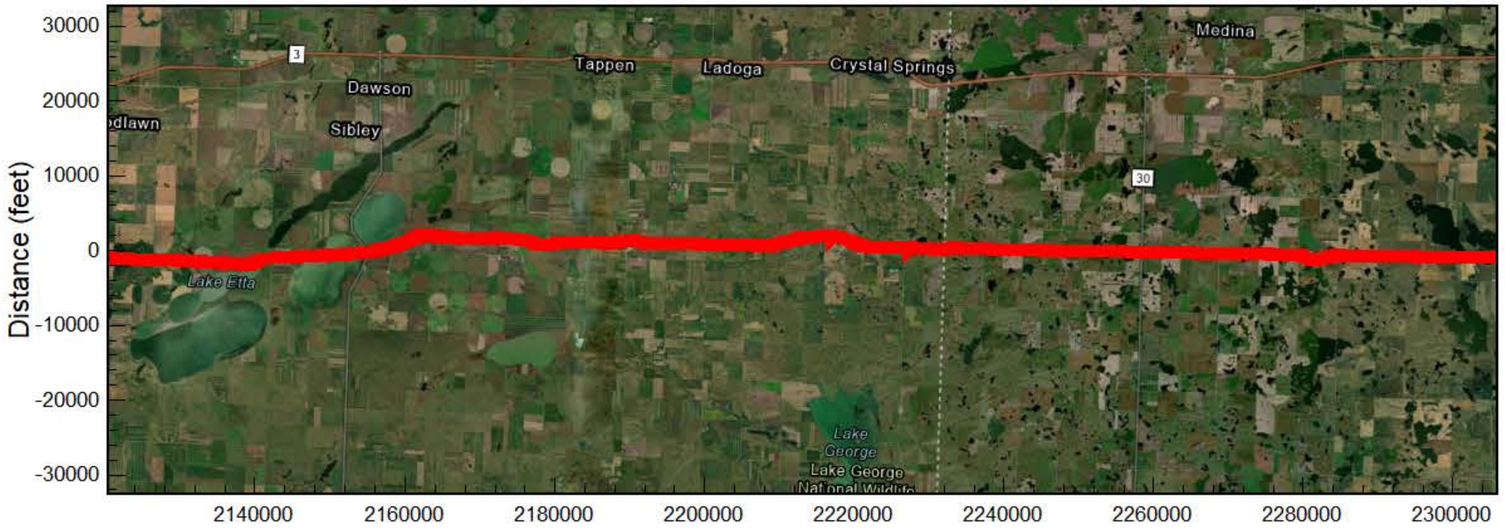


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

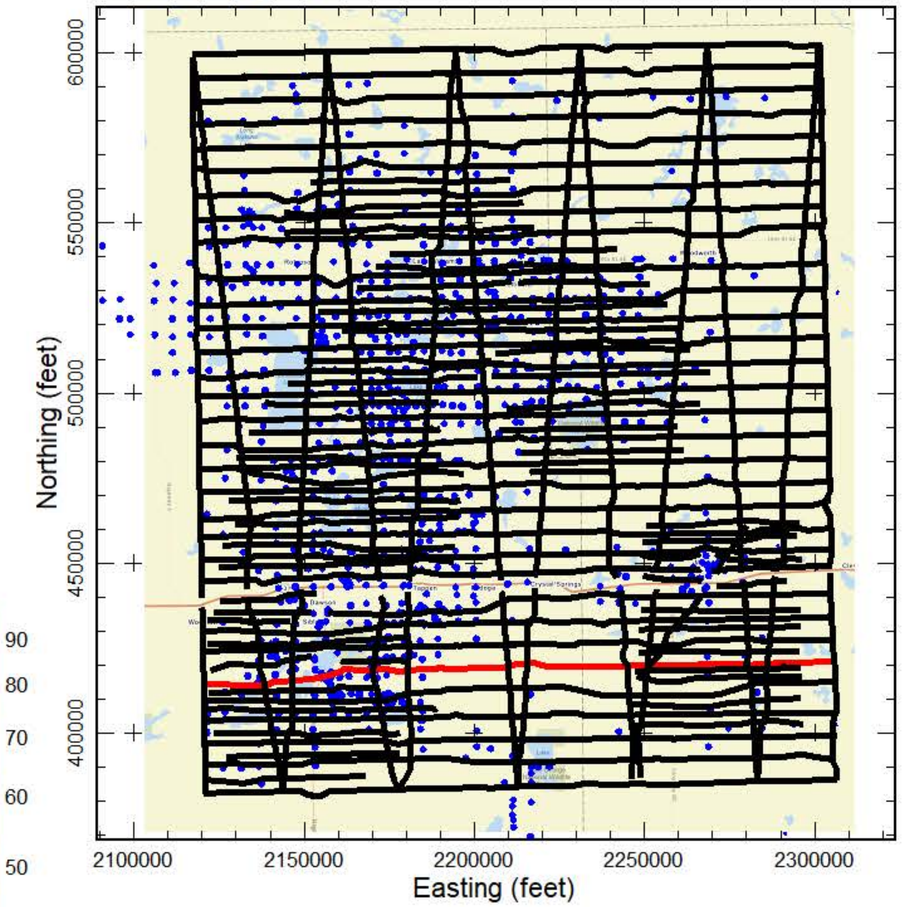


AGF
Aqua Geo Frameworks

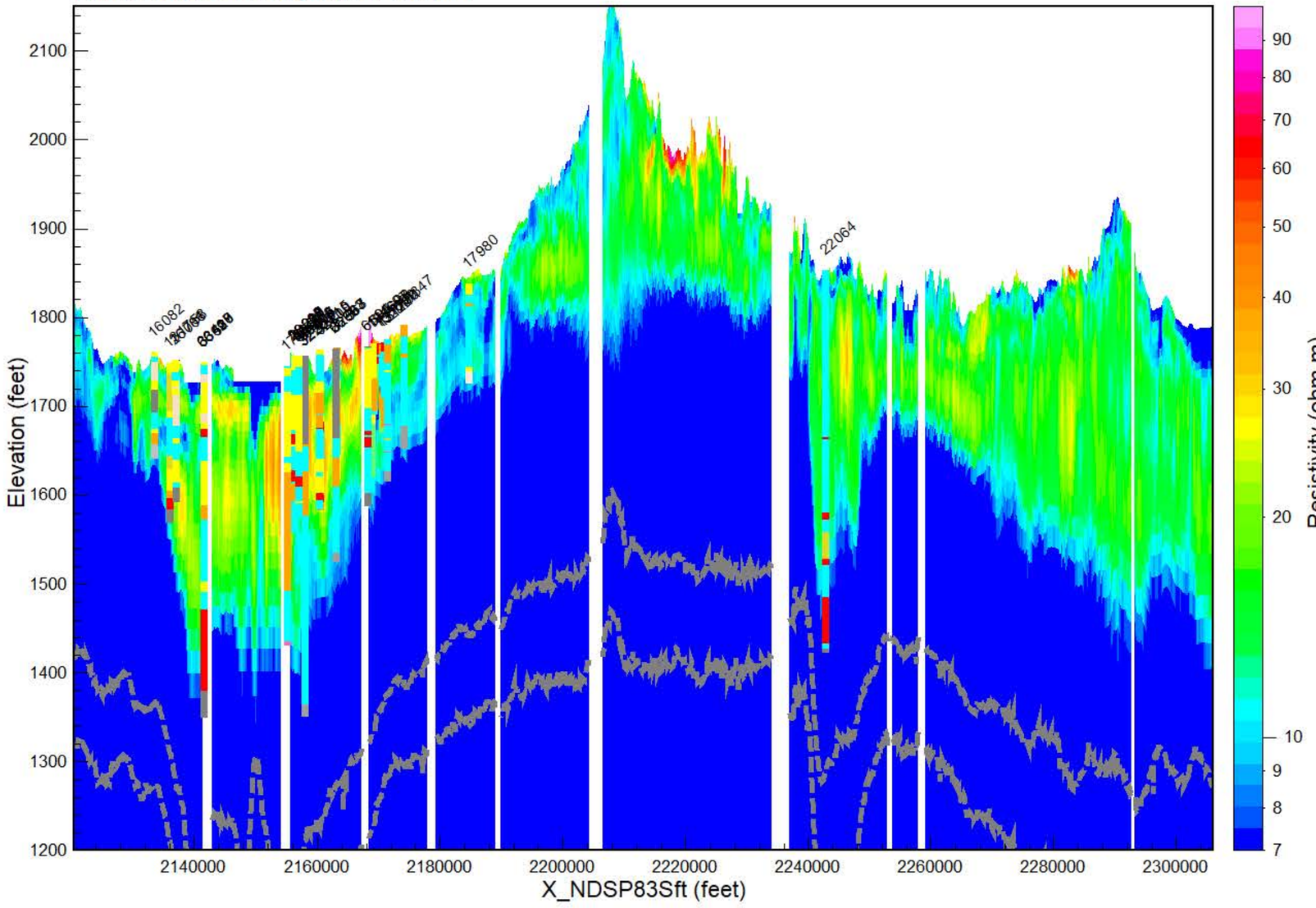
Flight Location Line L102701



AEM Survey Area 1



Final SCI Resistivity Line L102701

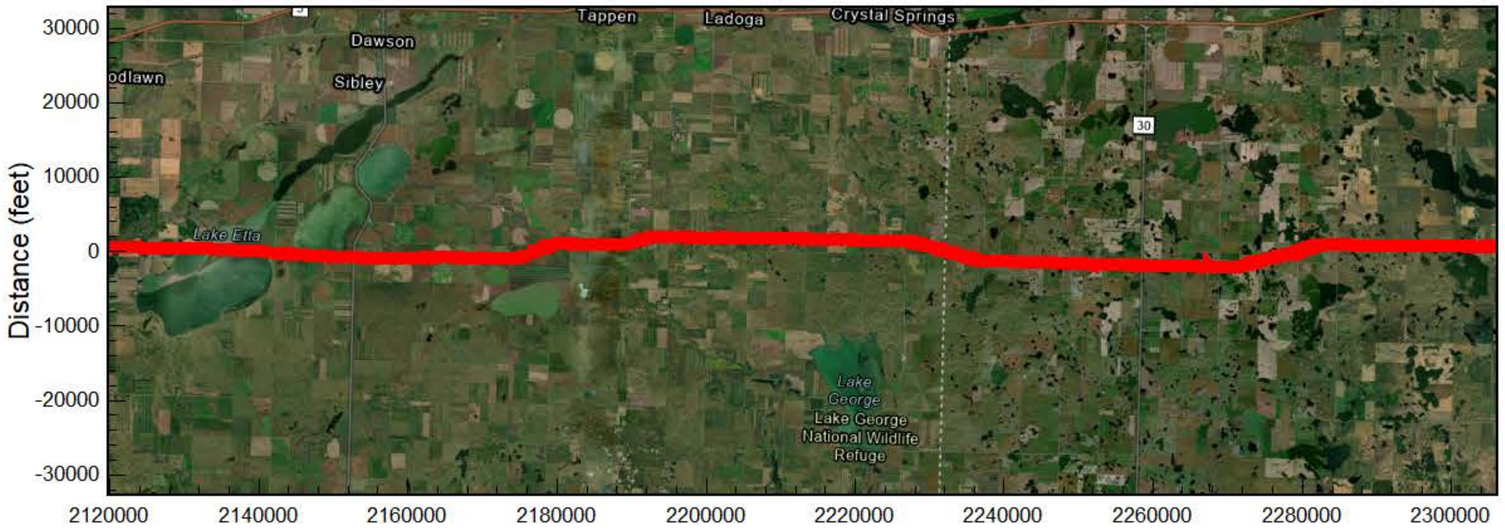


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

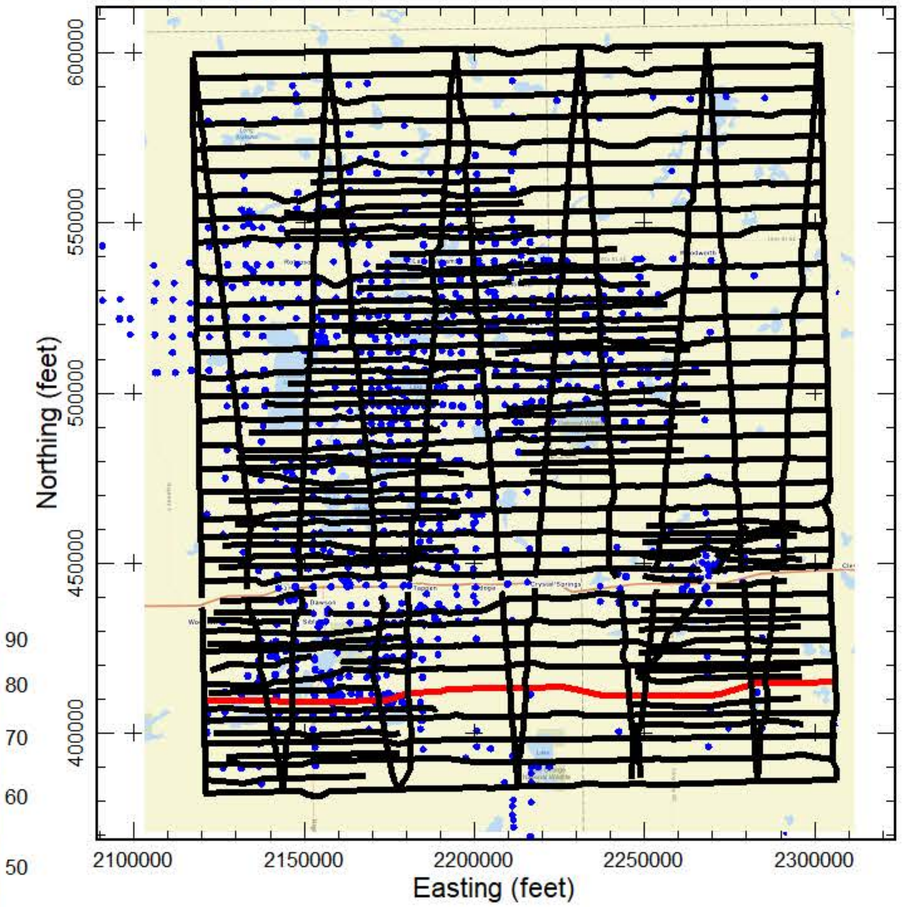
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

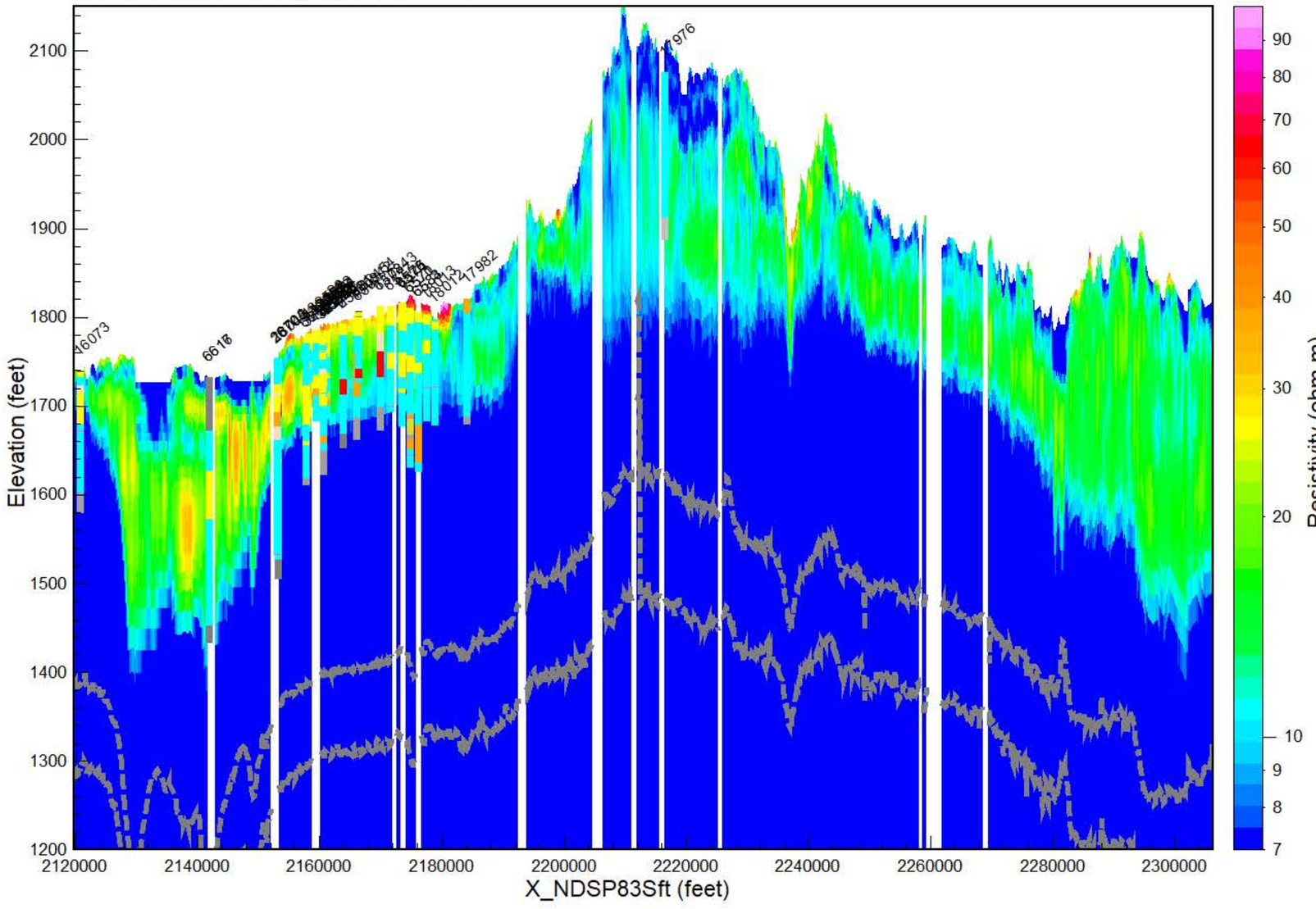
Flight Location Line L102801



AEM Survey Area 1



Final SCI Resistivity Line L102801

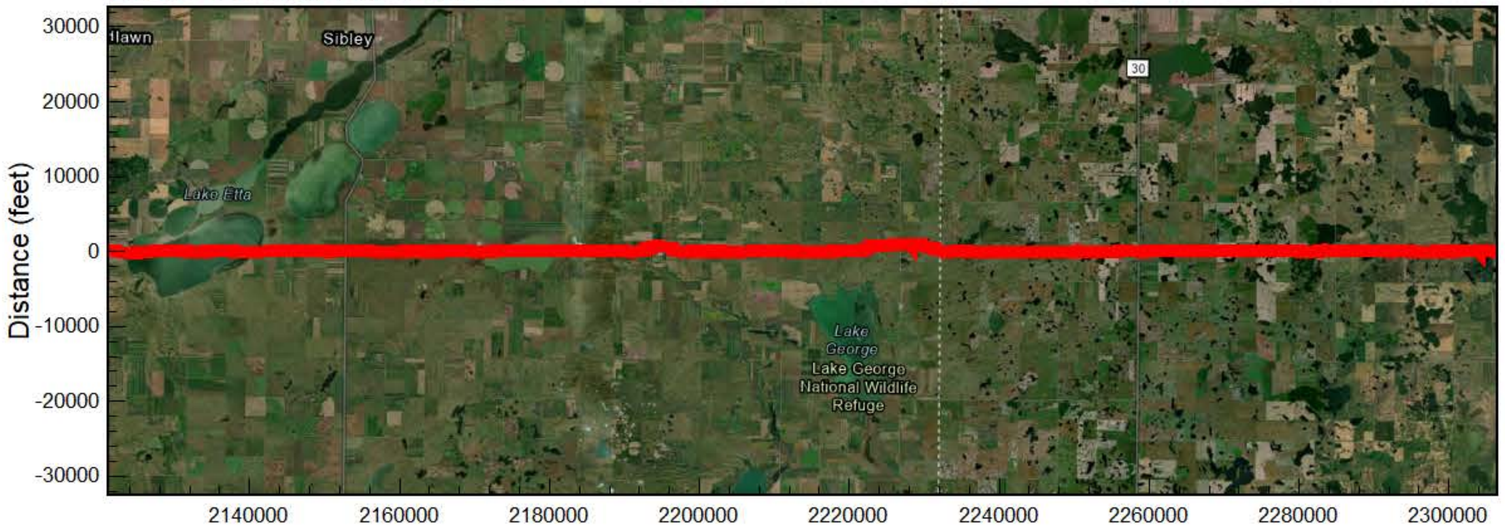


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

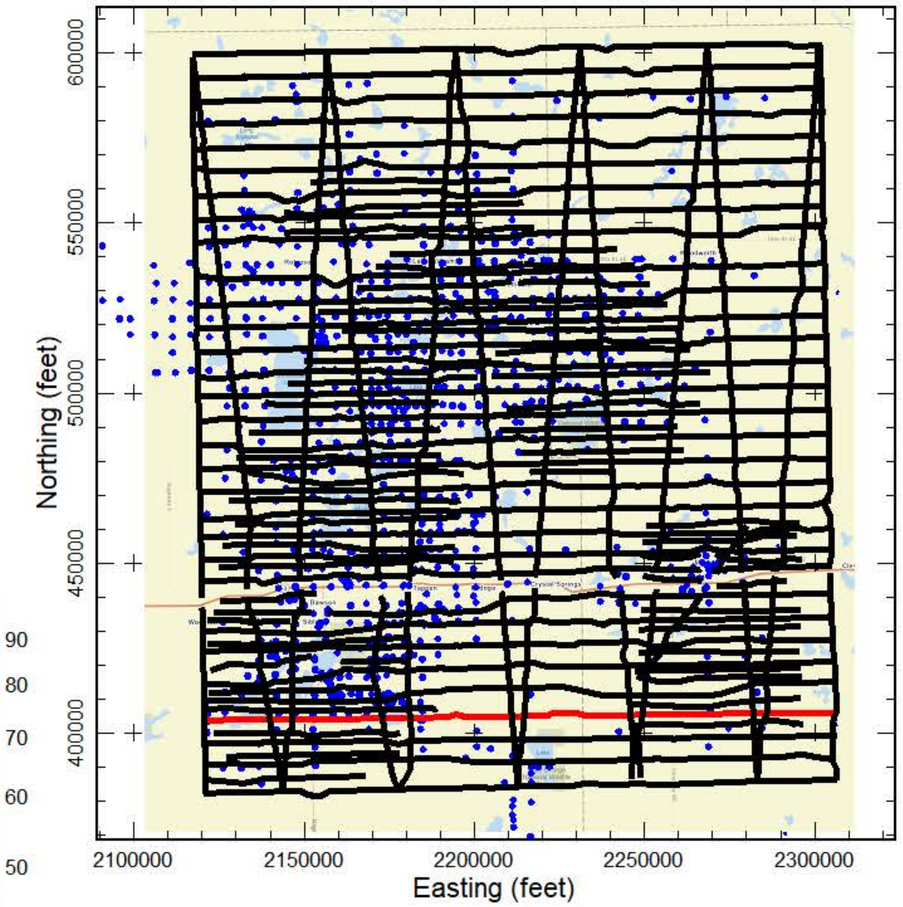
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

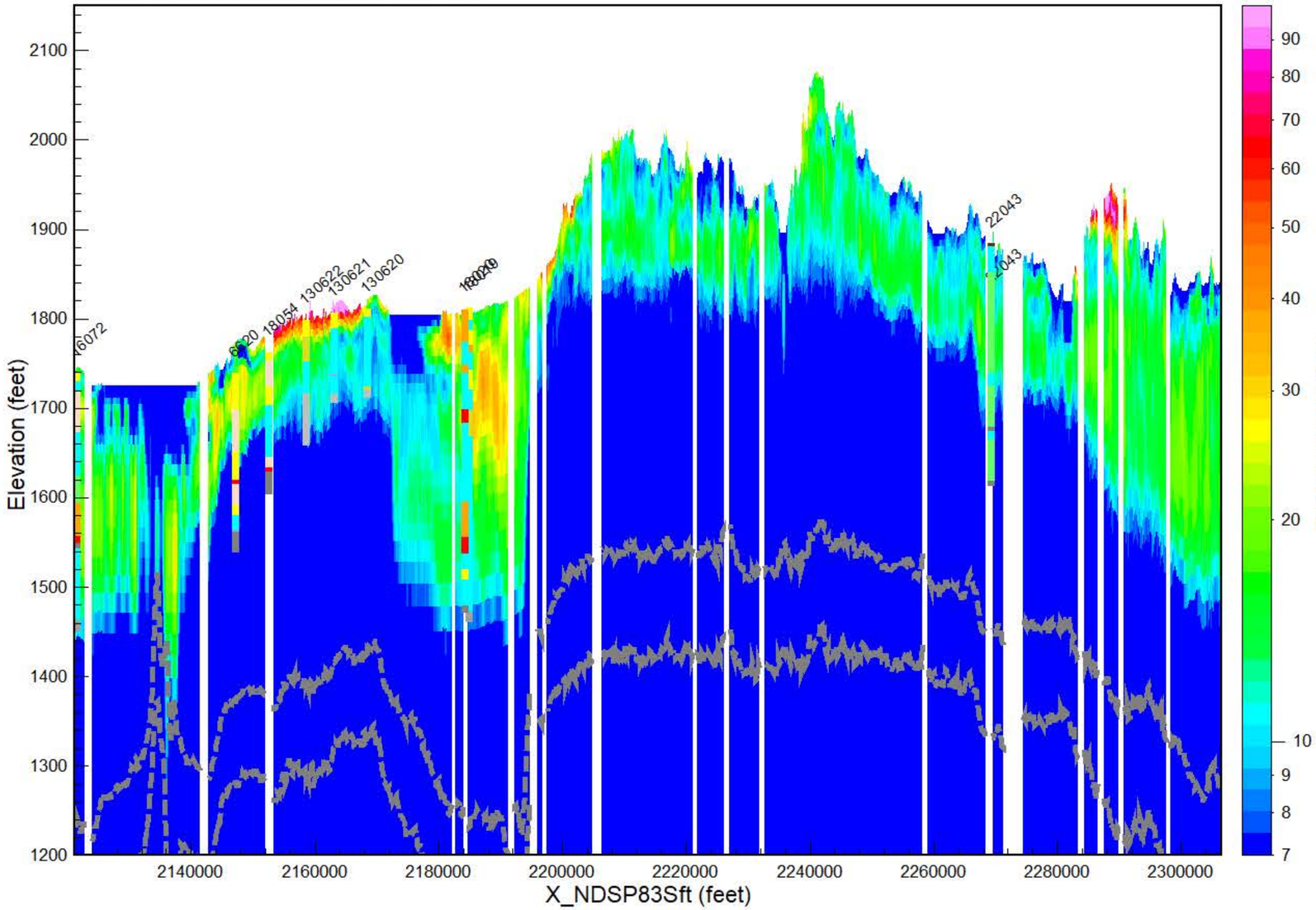
Flight Location Line L102901



AEM Survey Area 1



Final SCI Resistivity Line L102901

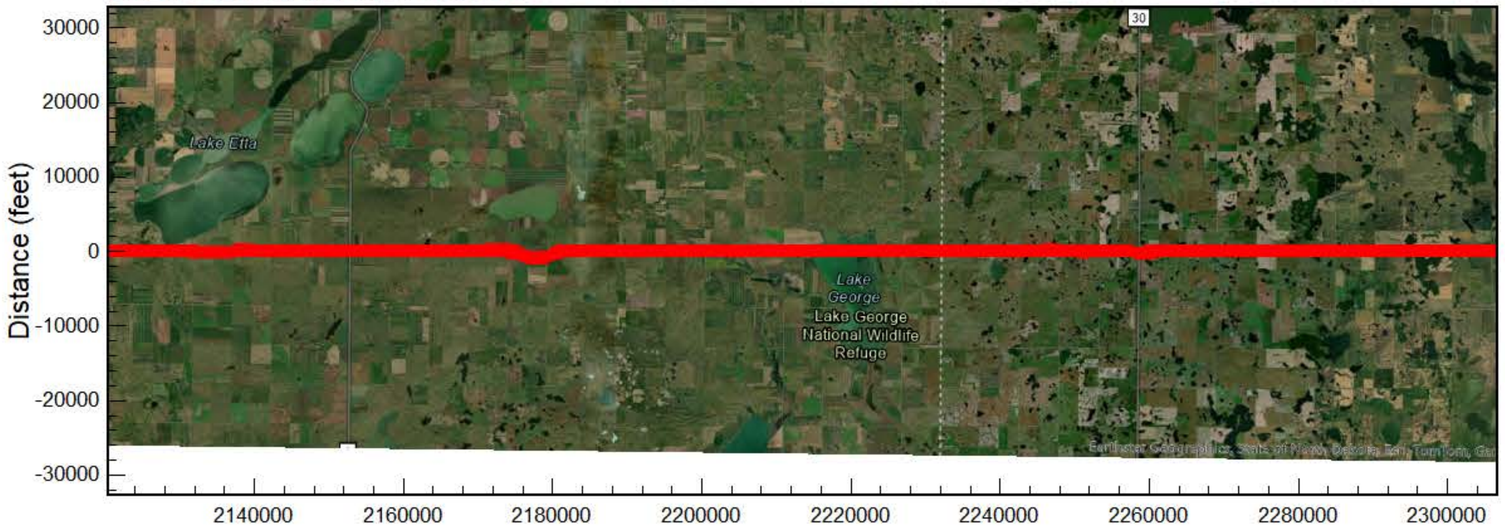


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

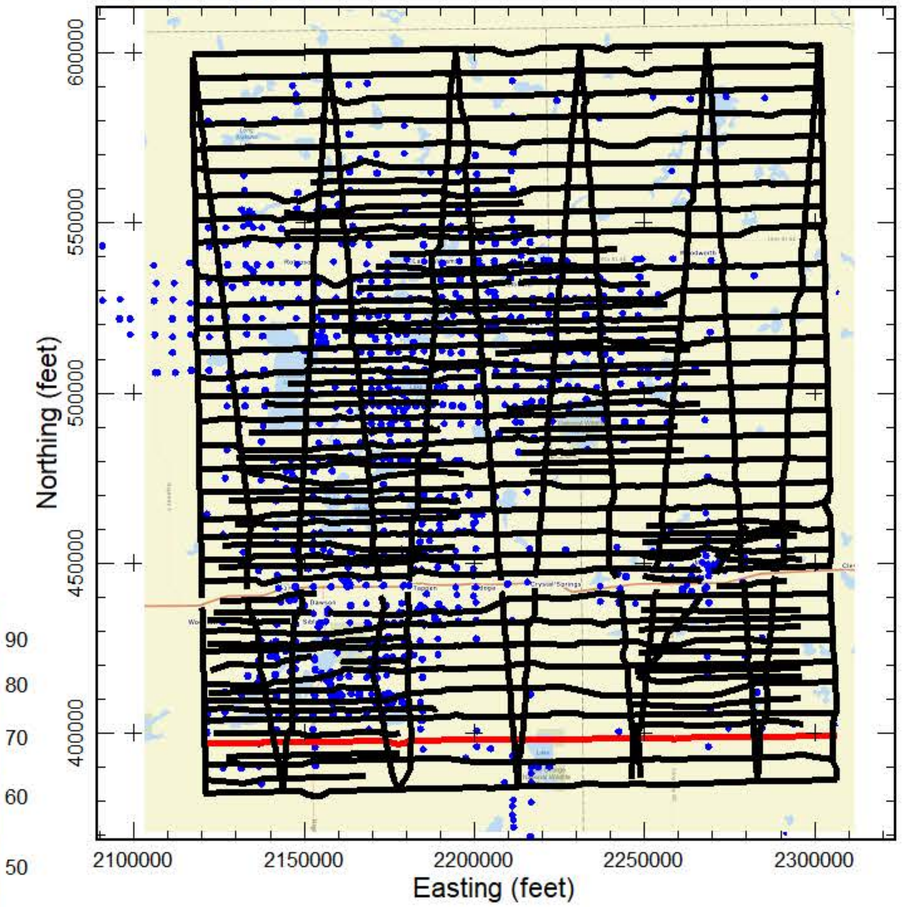
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

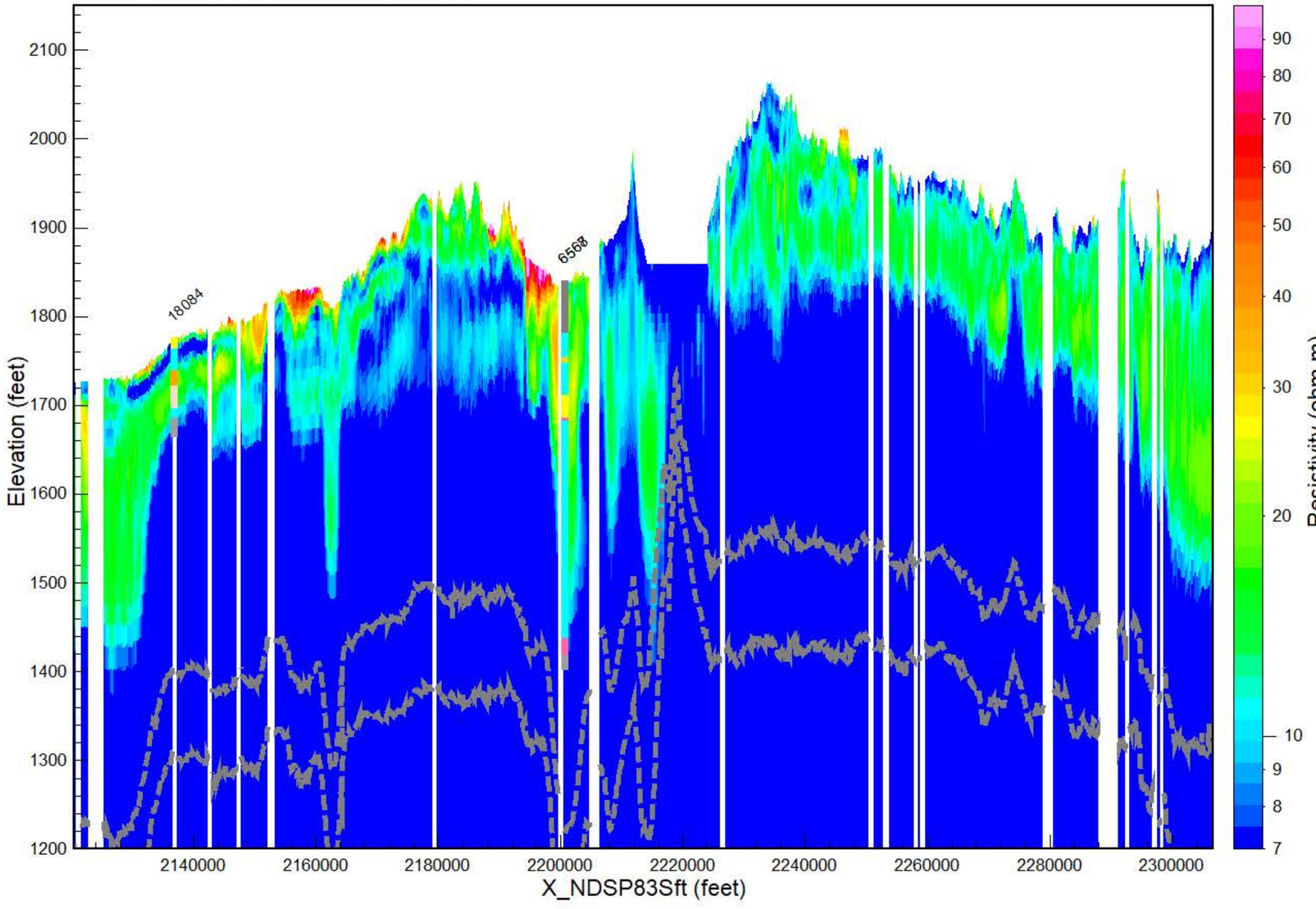
Flight Location Line L103001



AEM Survey Area 1



Final SCI Resistivity Line L103001

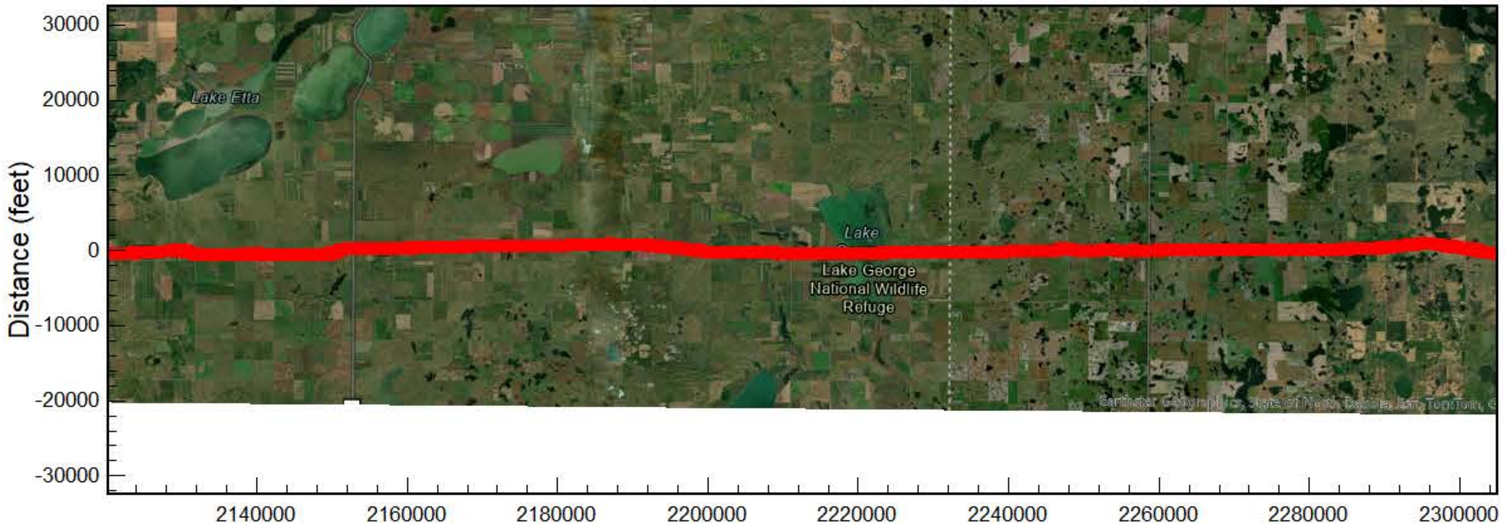


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

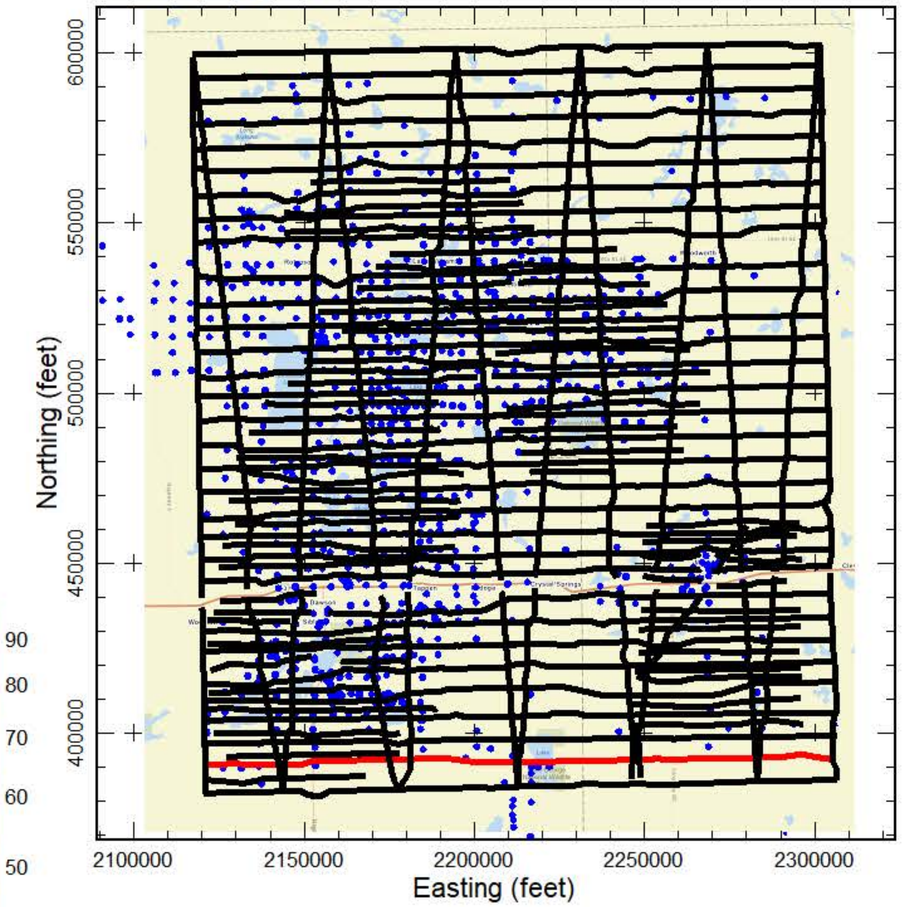
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

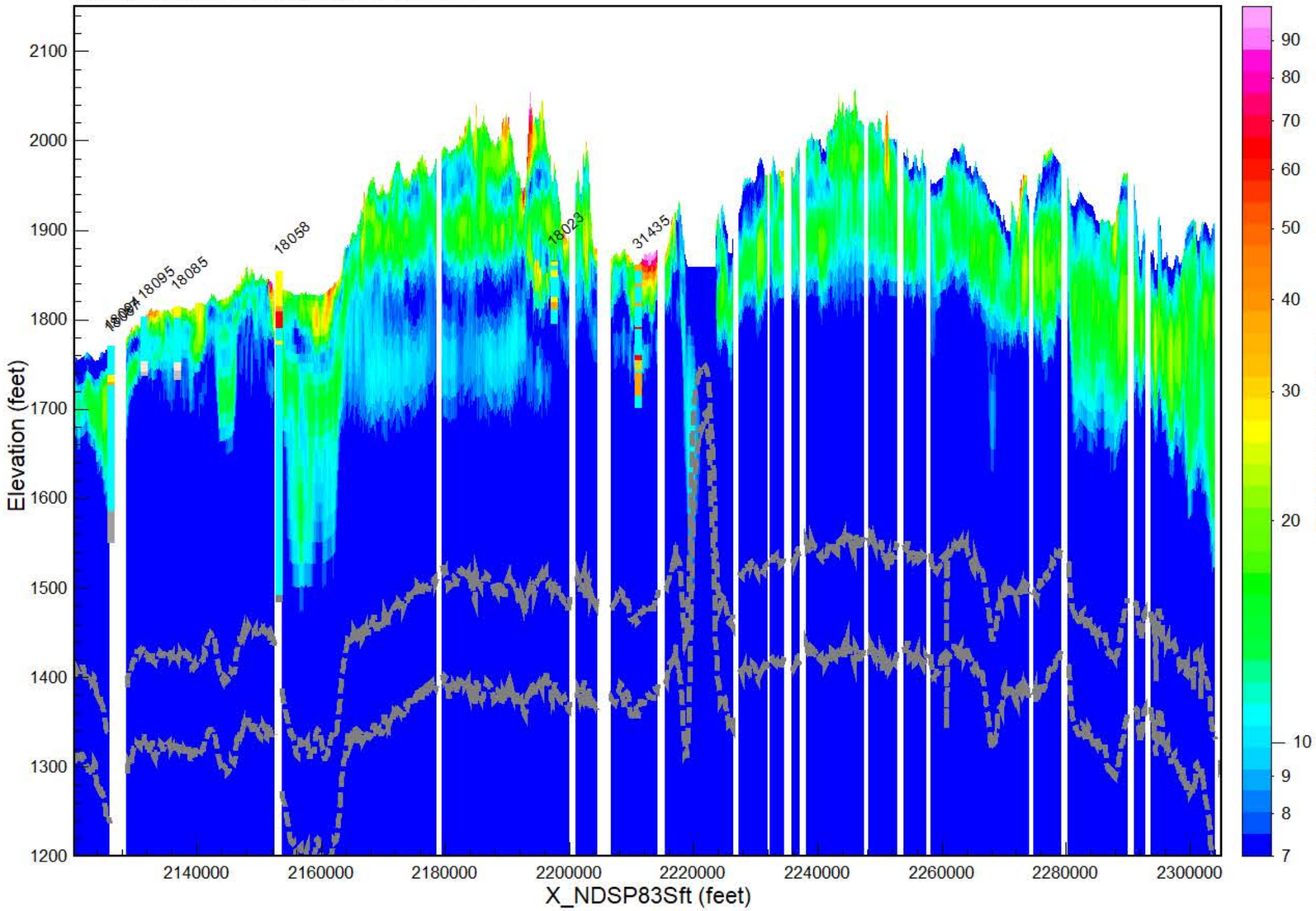
Flight Location Line L103101



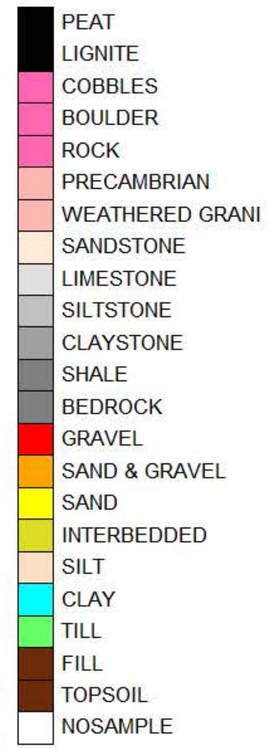
AEM Survey Area 1



Final SCI Resistivity Line L103101

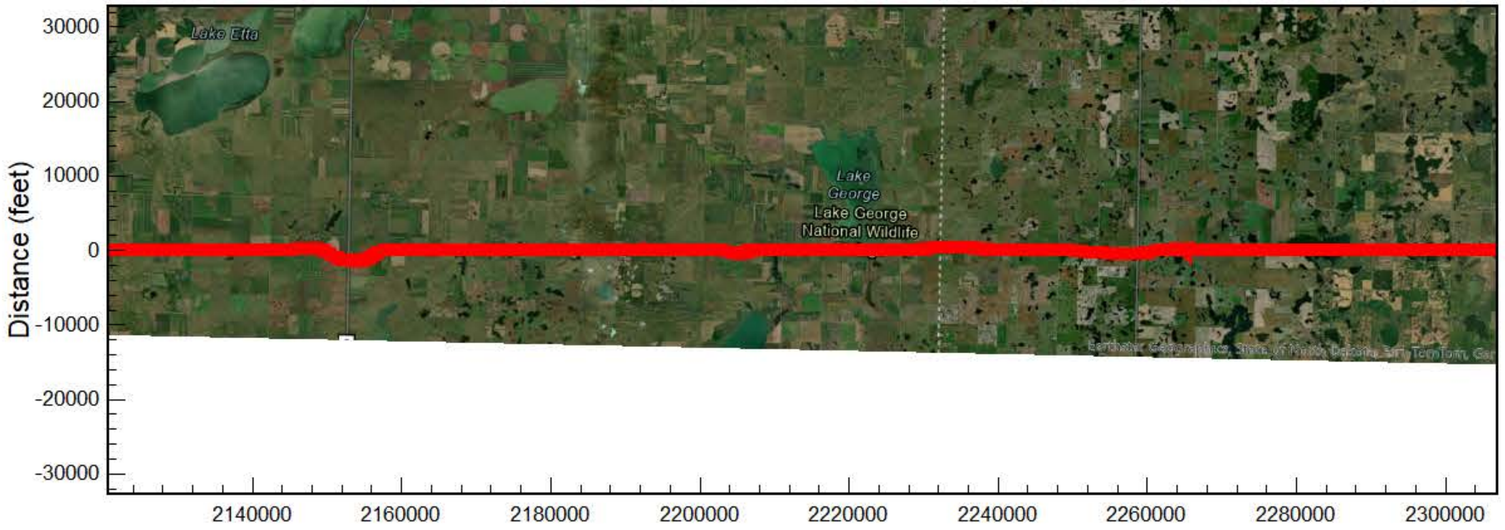


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

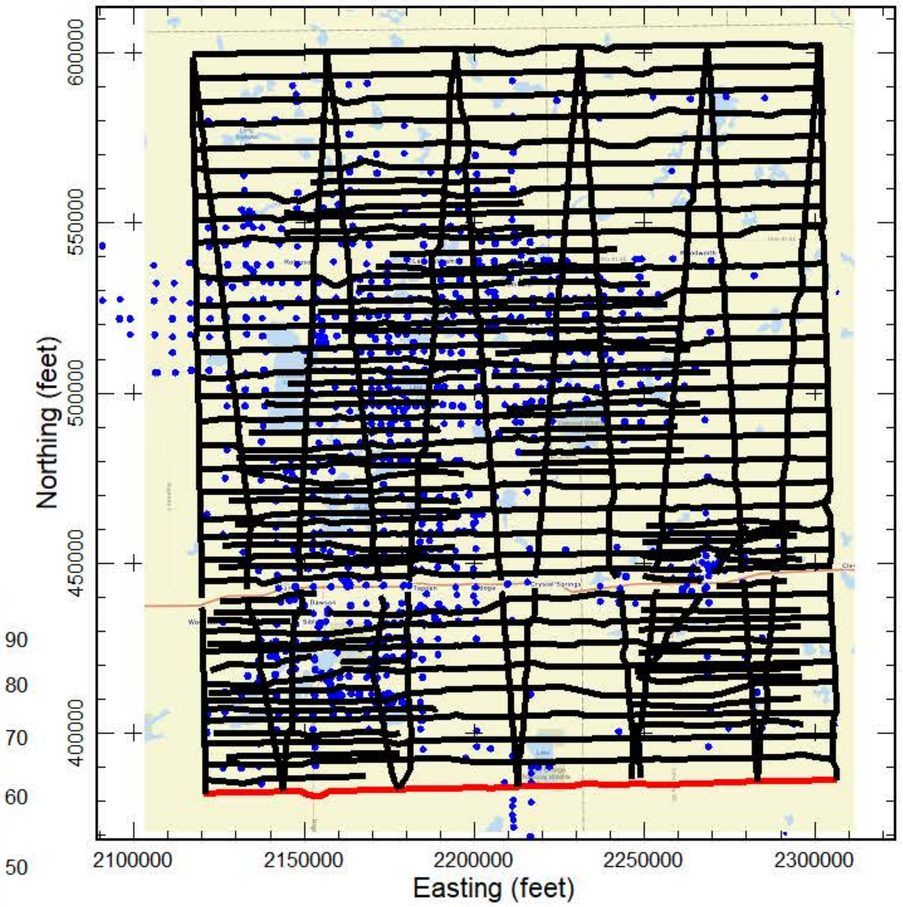


AGF
Aqua Geo Frameworks

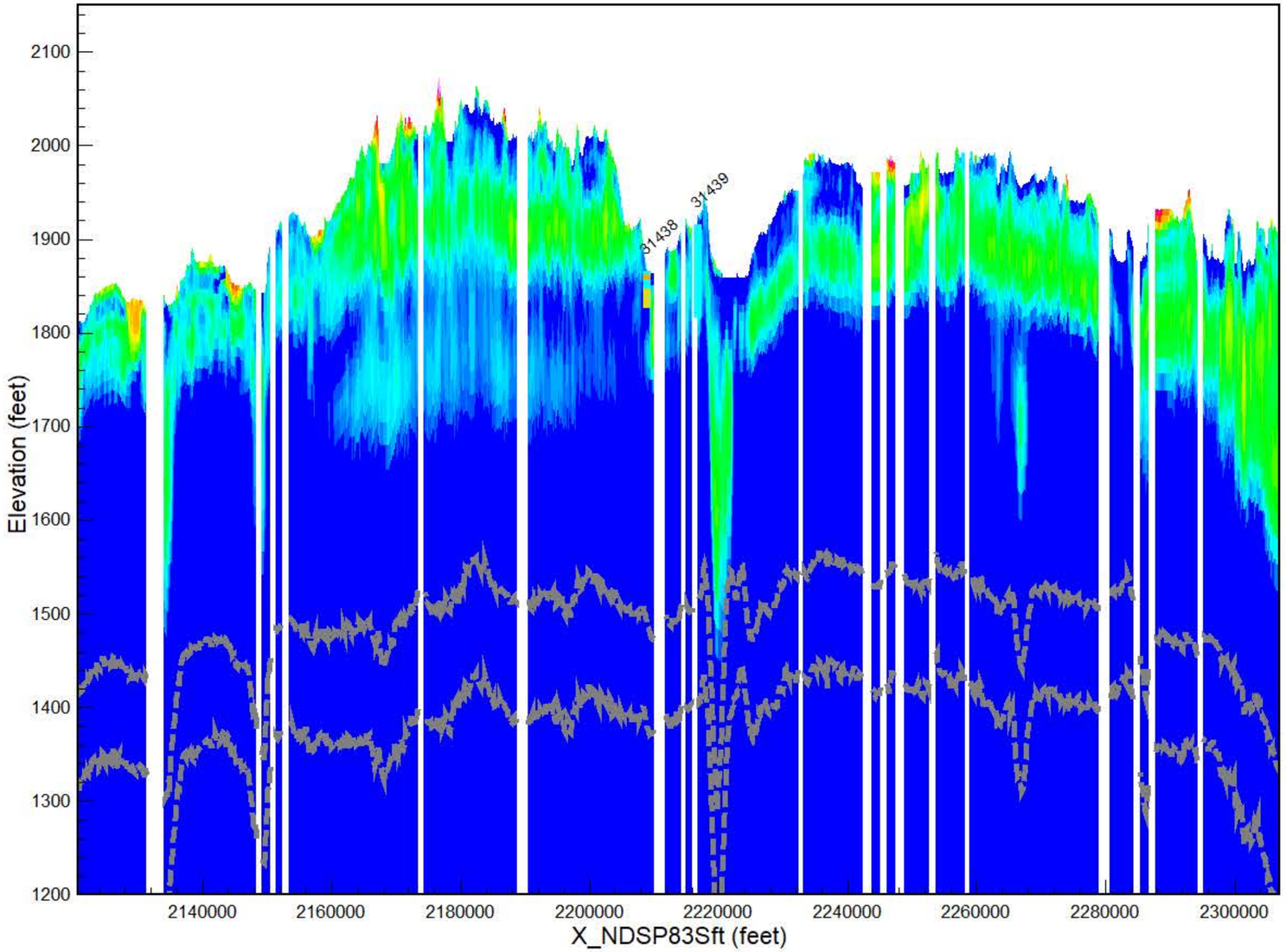
Flight Location Line L103201

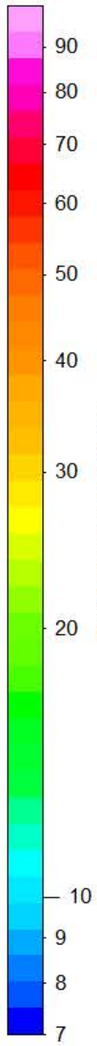


AEM Survey Area 1

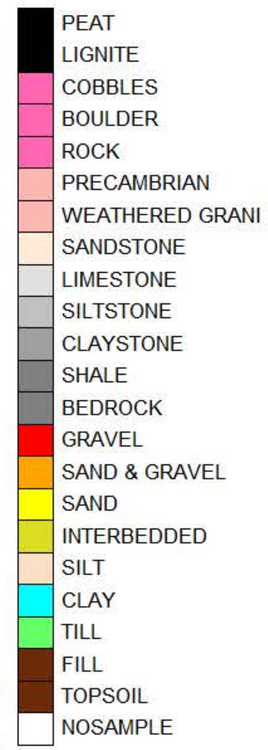


Final SCI Resistivity Line L103201



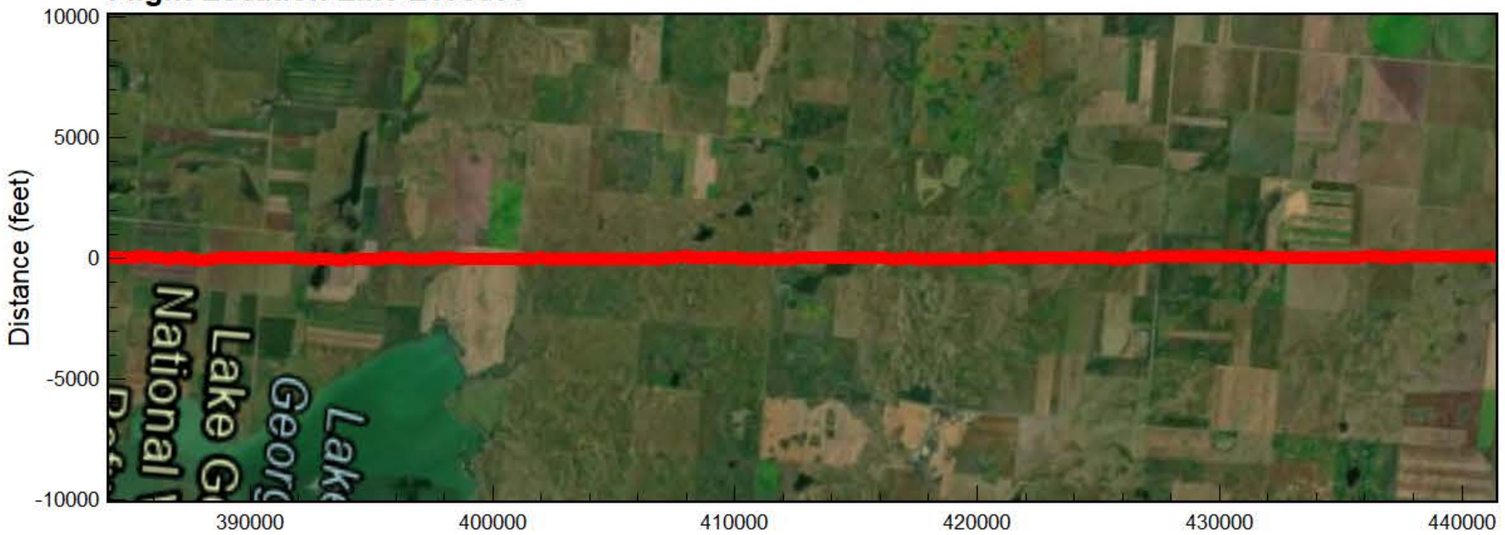


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

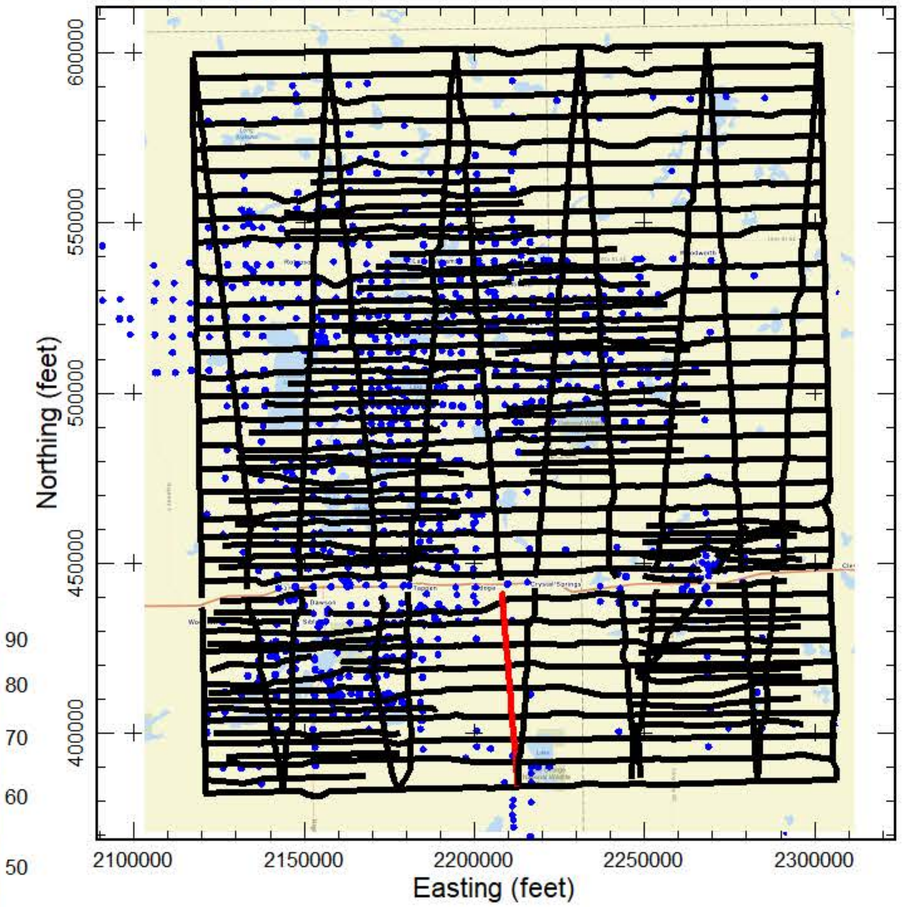


AGF
Aqua Geo Frameworks

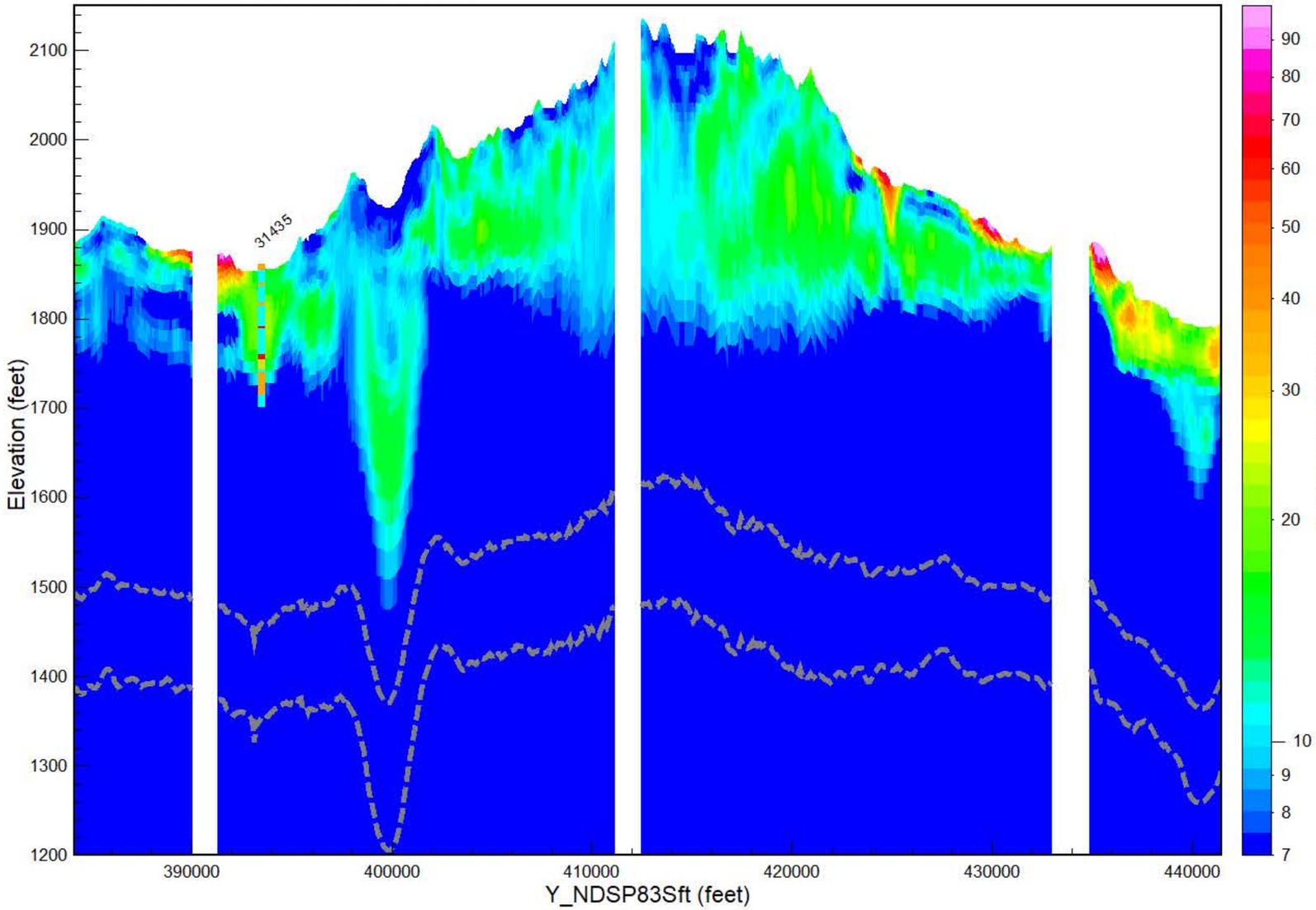
Flight Location Line L190061



AEM Survey Area 1



Final SCI Resistivity Line L190061

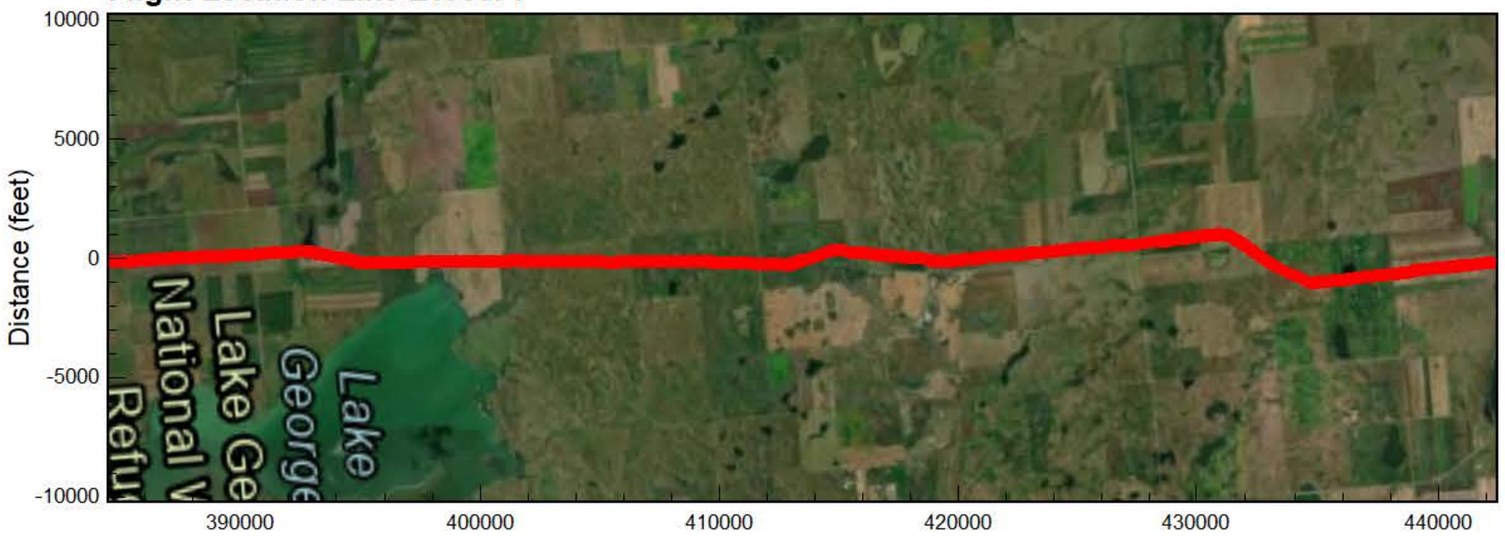


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

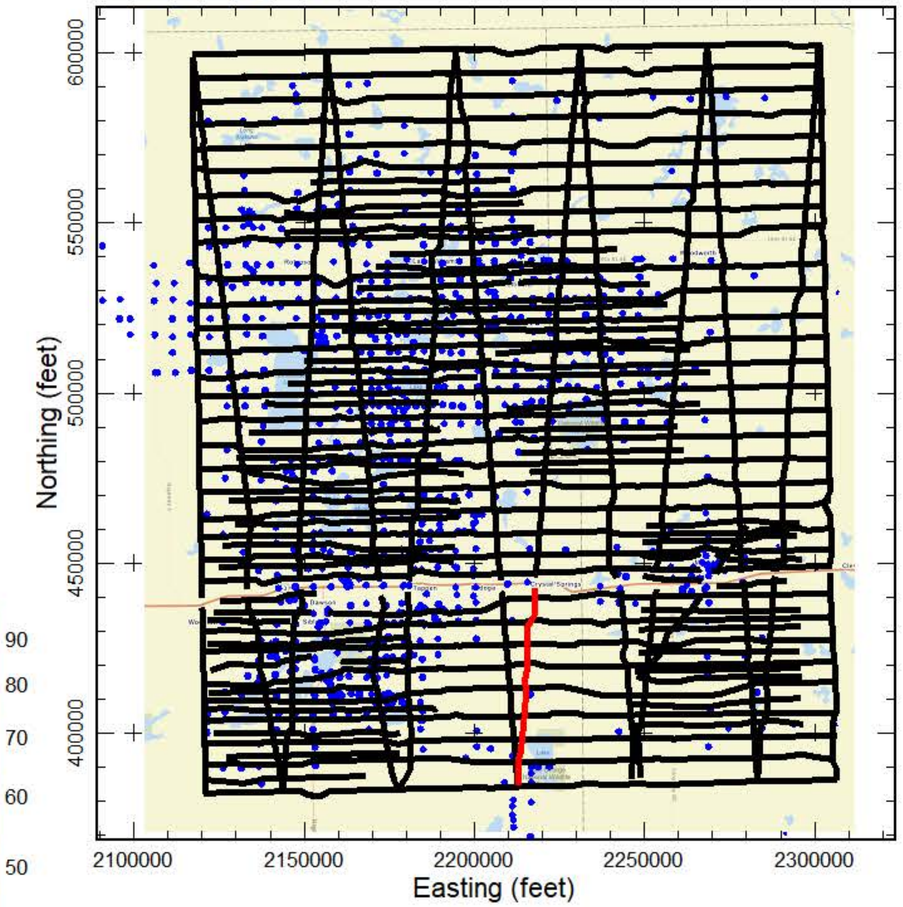
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

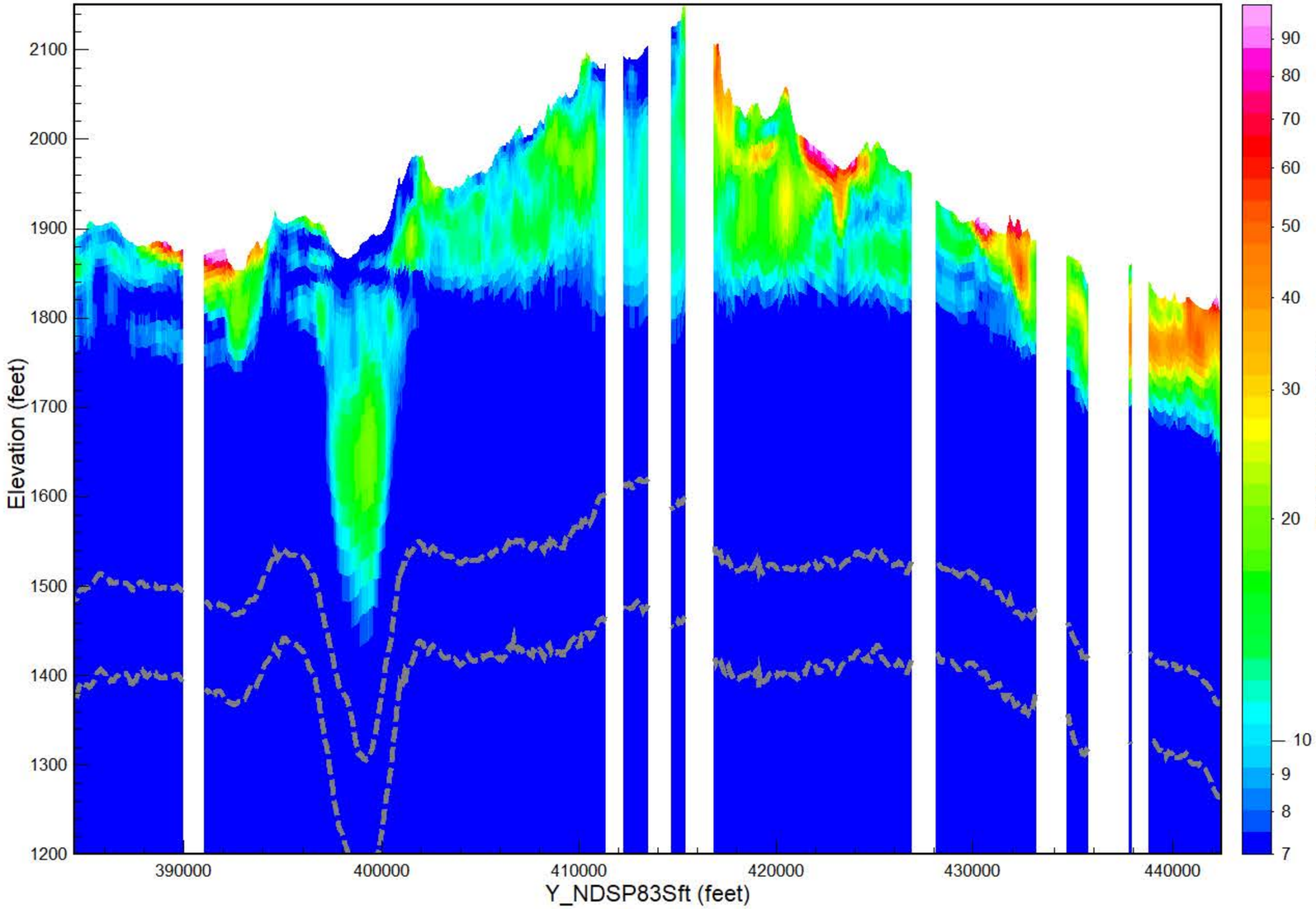
Flight Location Line L190071



AEM Survey Area 1



Final SCI Resistivity Line L190071



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

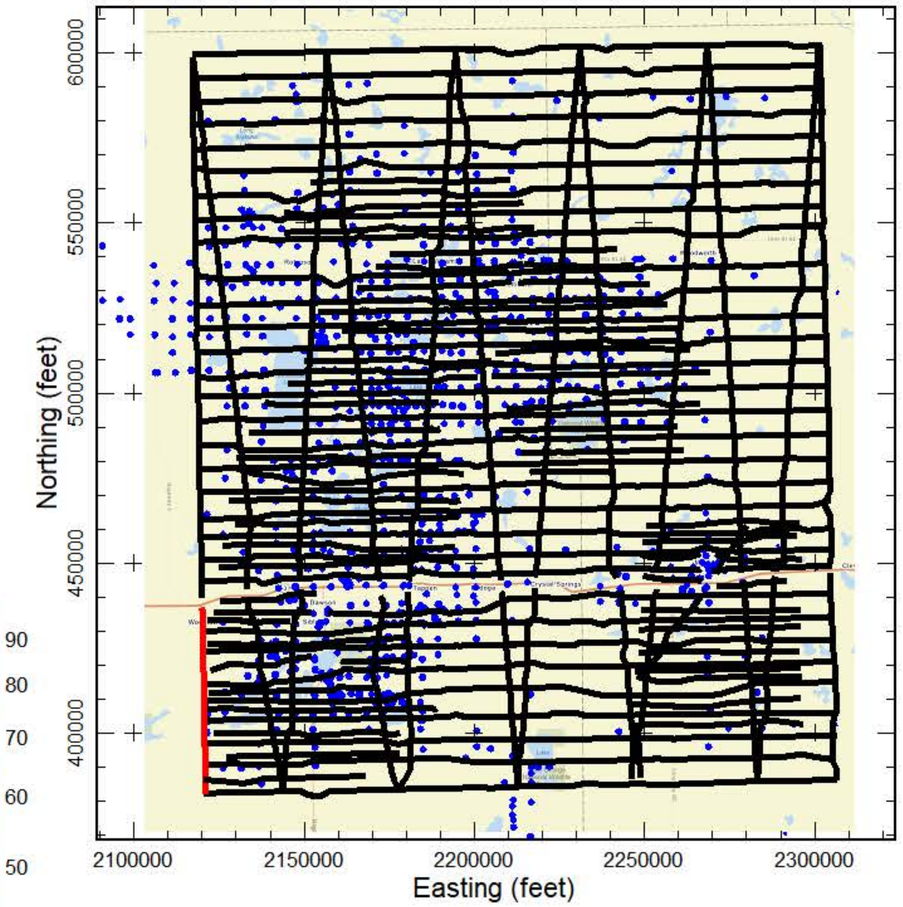
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

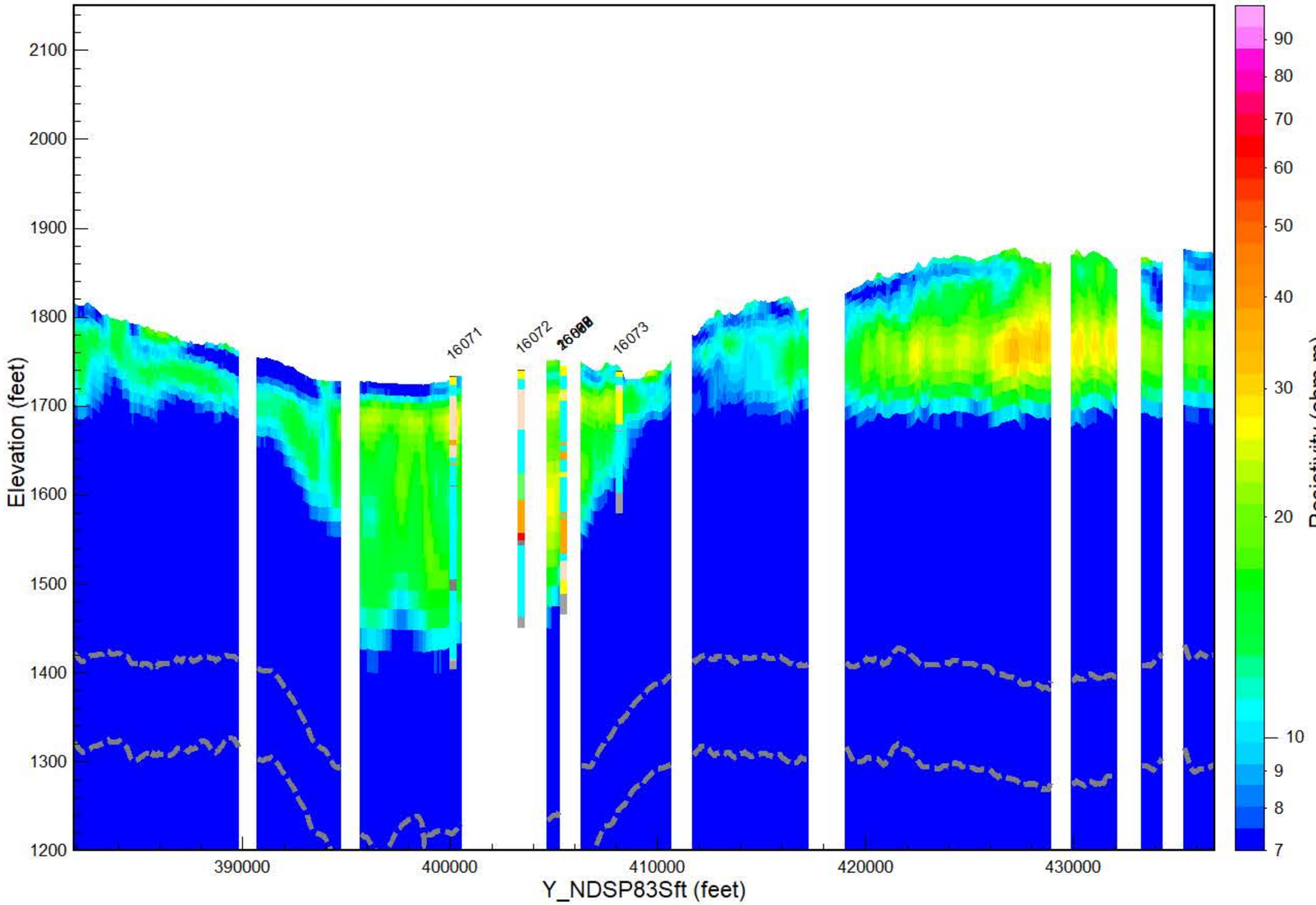
Flight Location Line L190101



AEM Survey Area 1



Final SCI Resistivity Line L190101

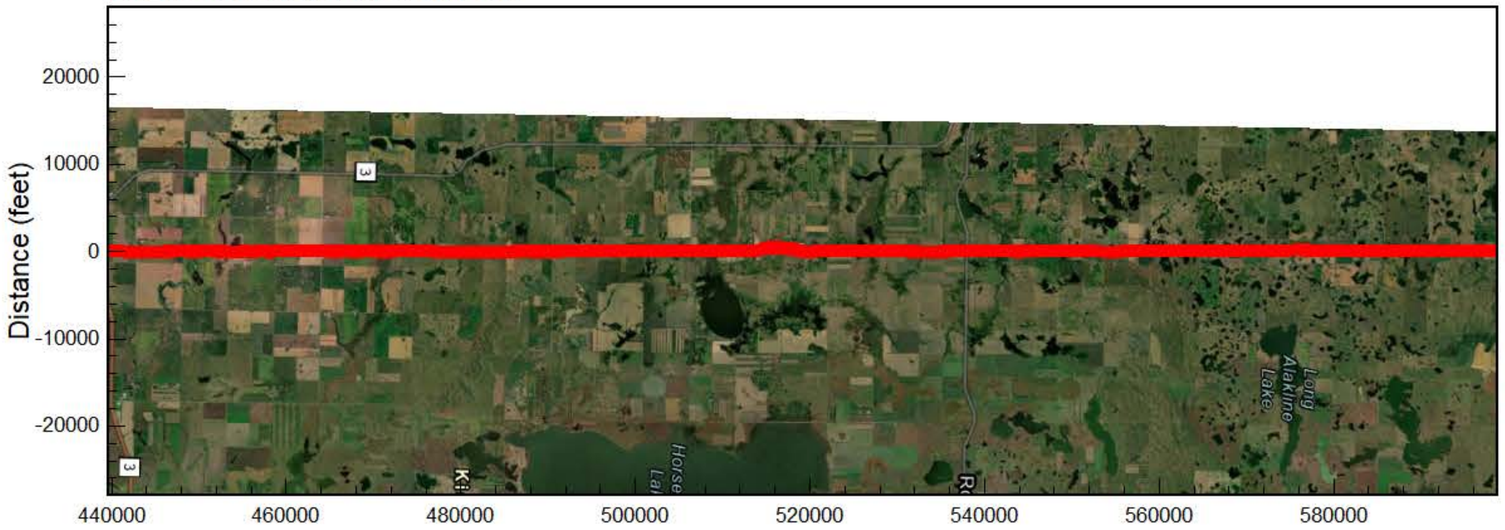


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

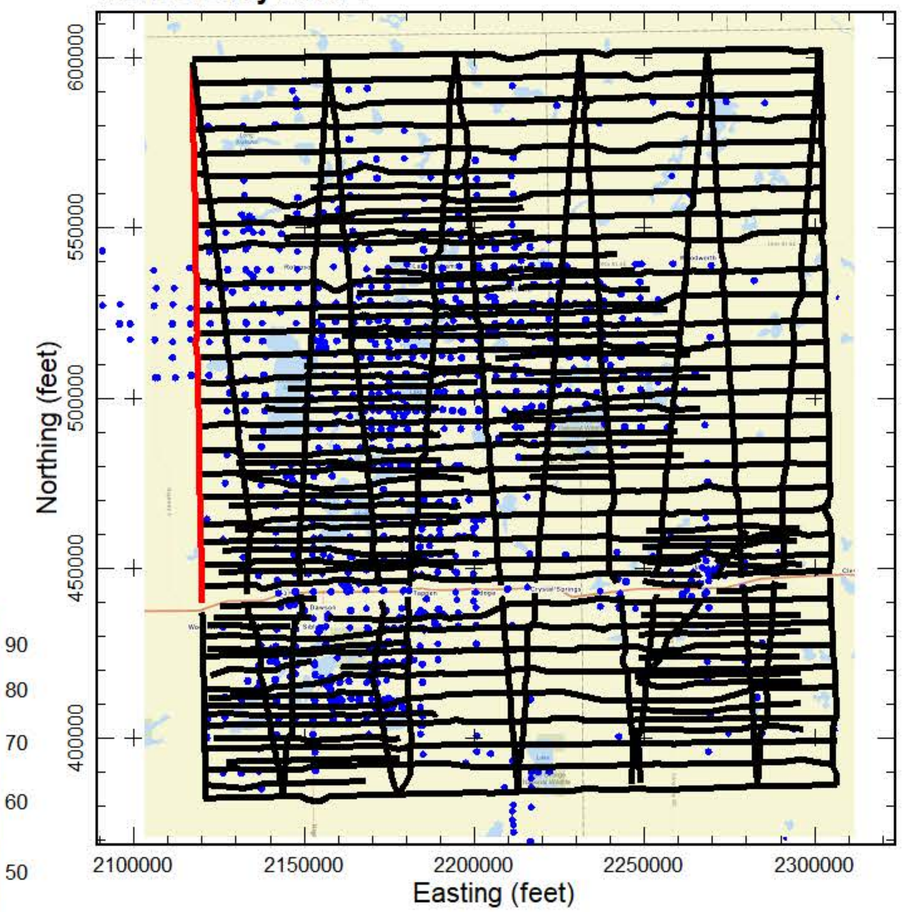
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

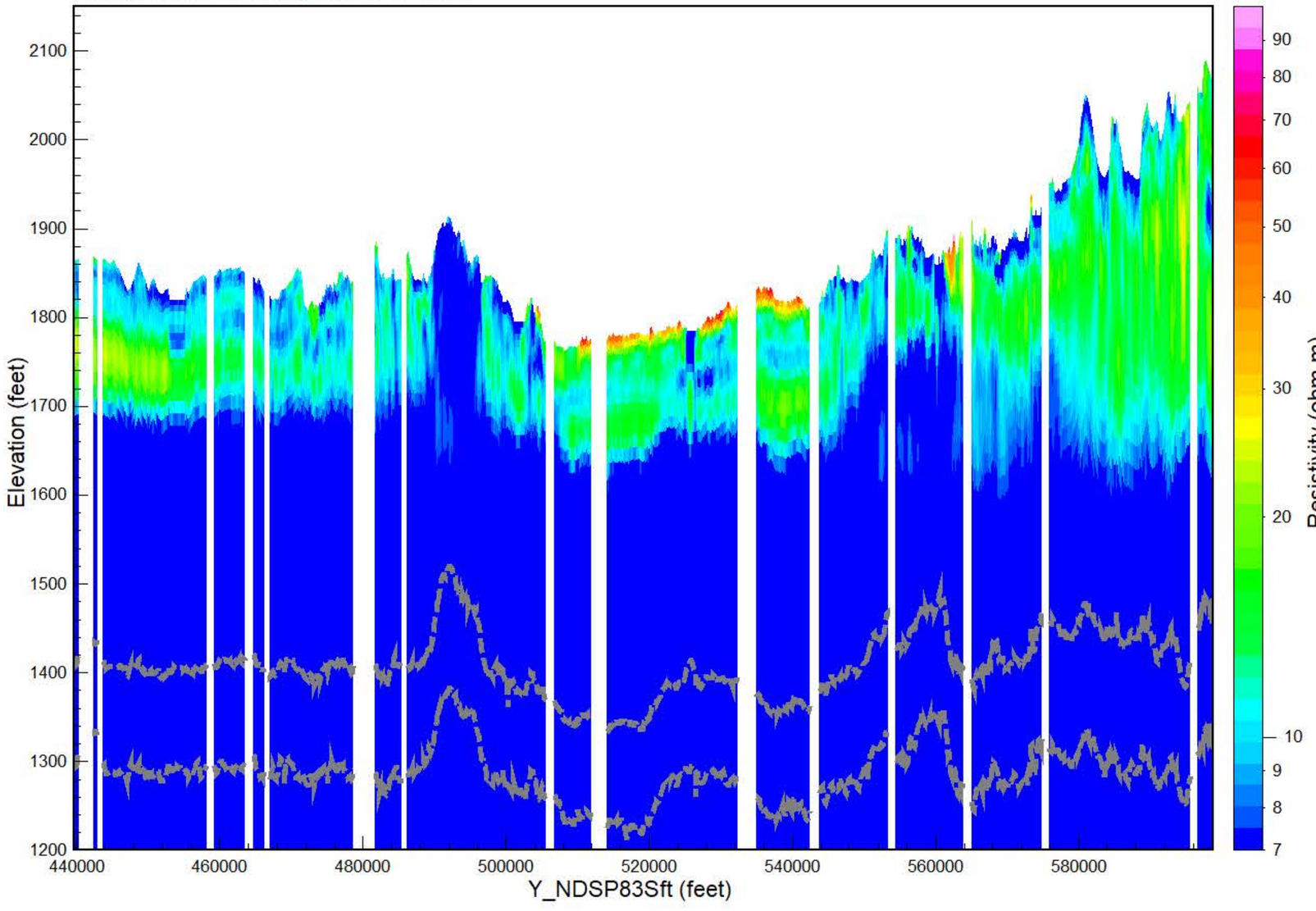
Flight Location Line L190102



AEM Survey Area 1



Final SCI Resistivity Line L190102



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

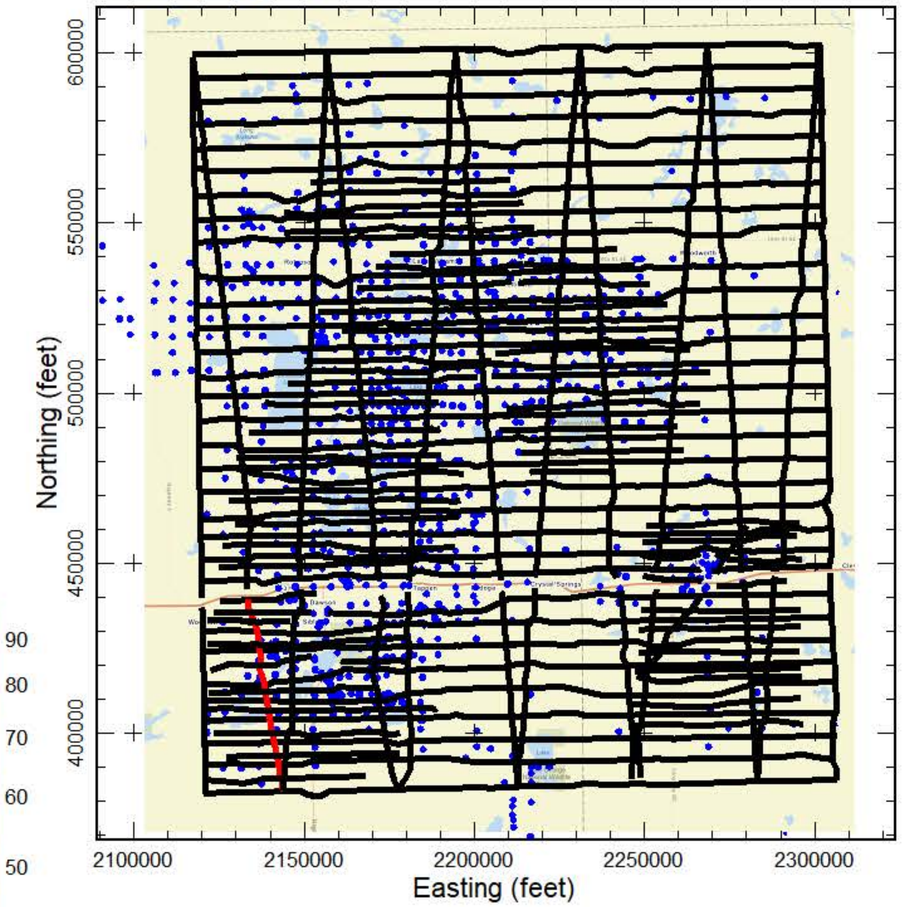
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

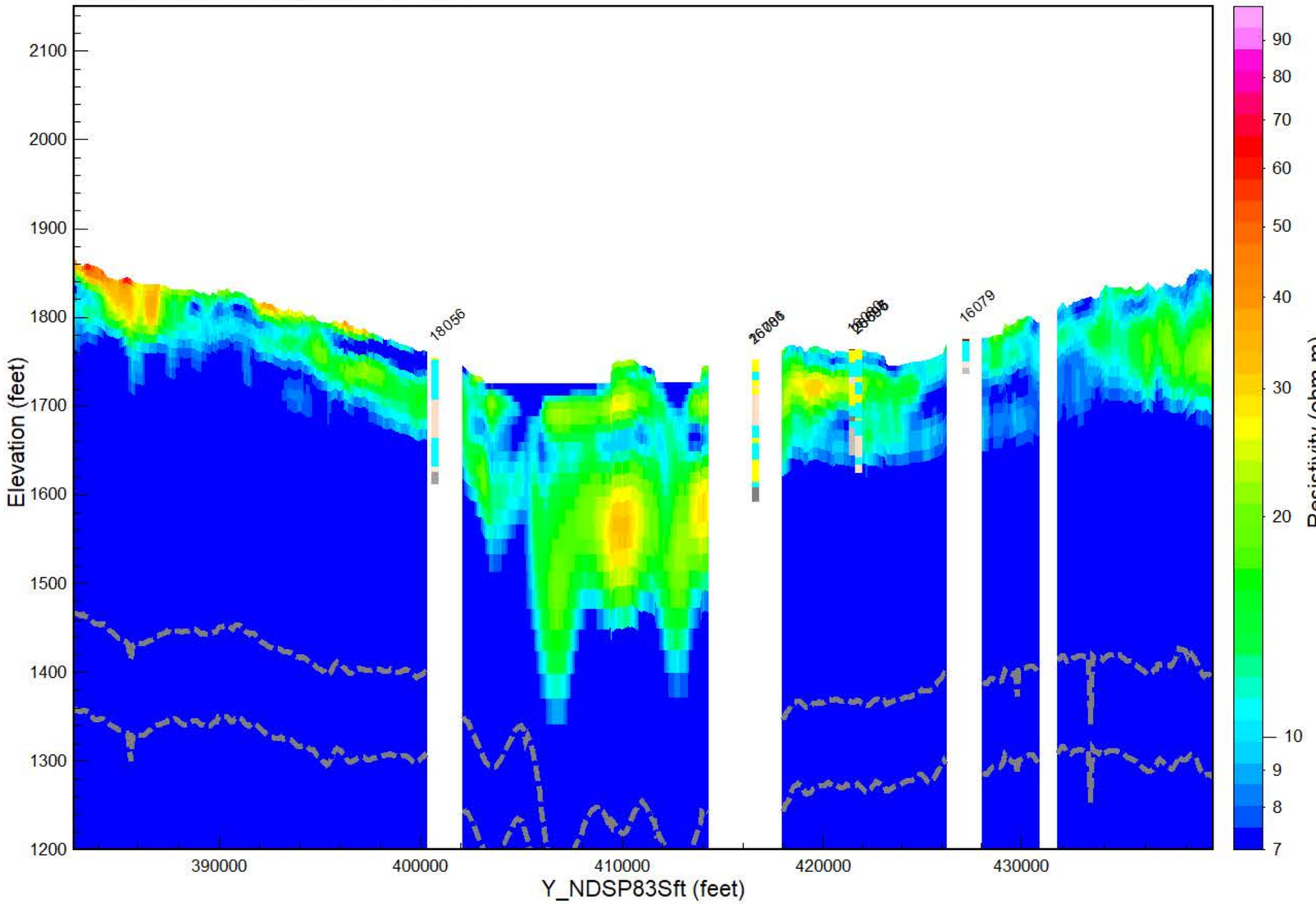
Flight Location Line L190201



AEM Survey Area 1



Final SCI Resistivity Line L190201

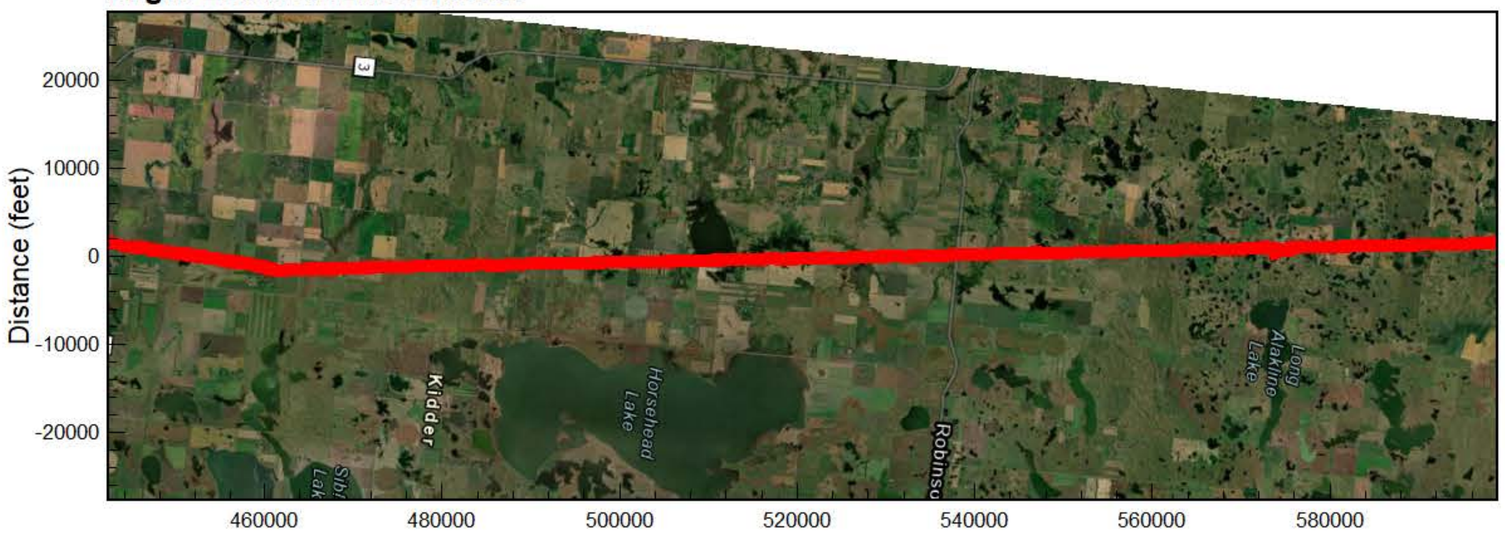


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

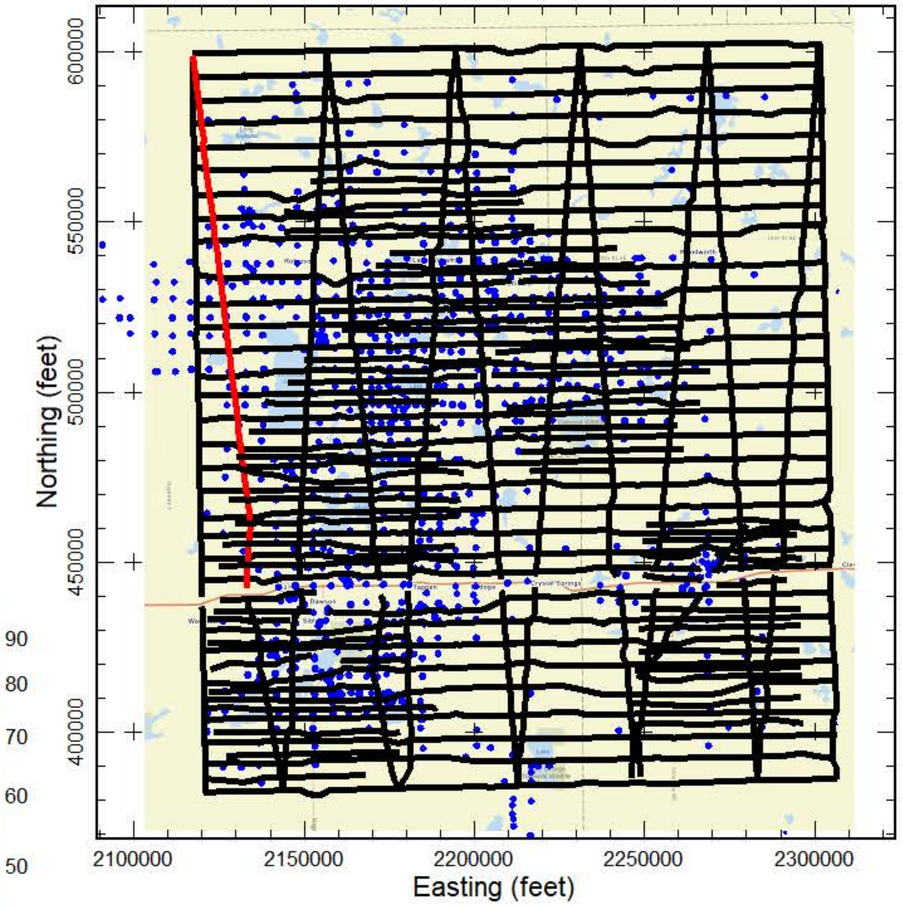
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

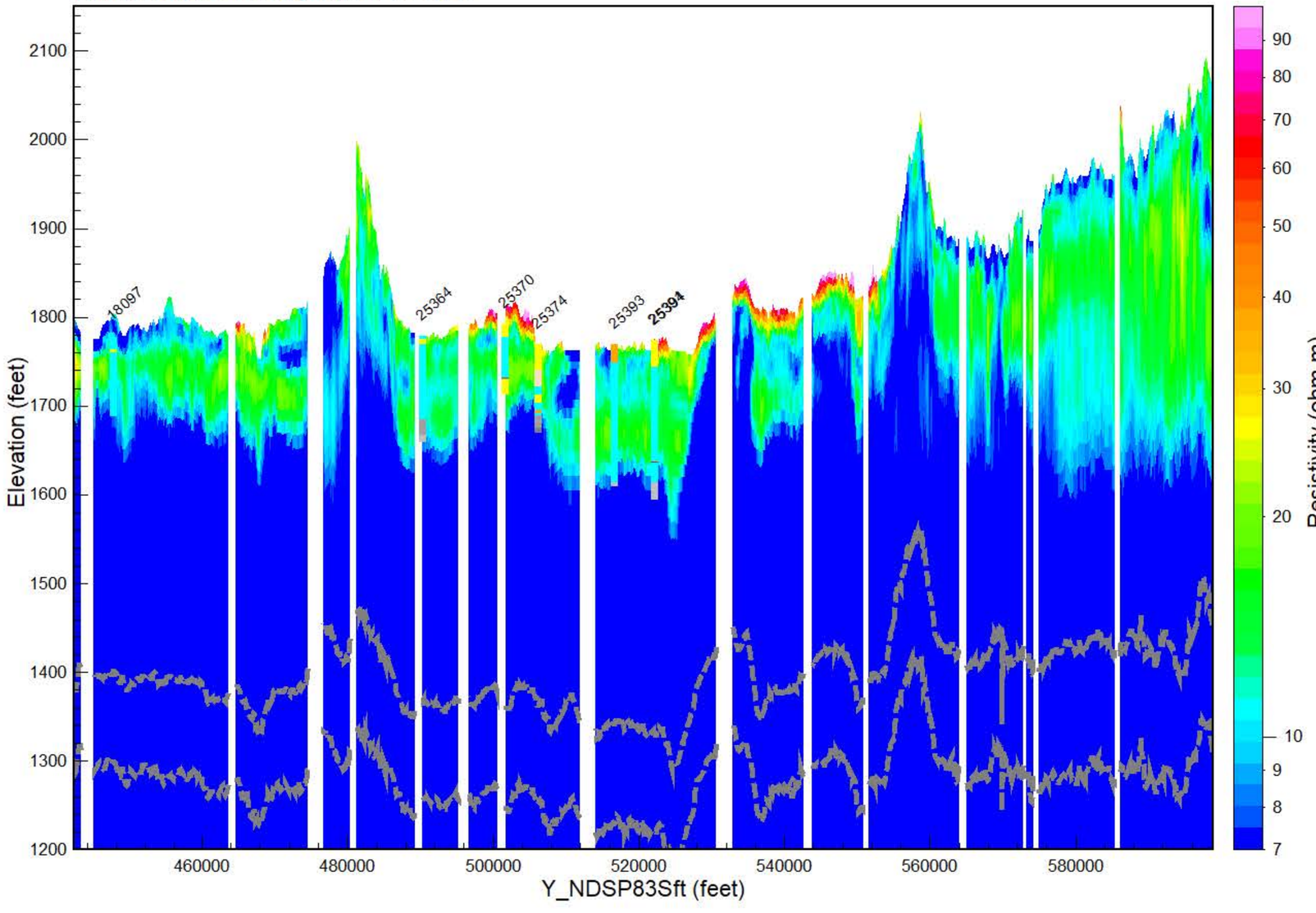
Flight Location Line L190202



AEM Survey Area 1



Final SCI Resistivity Line L190202



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

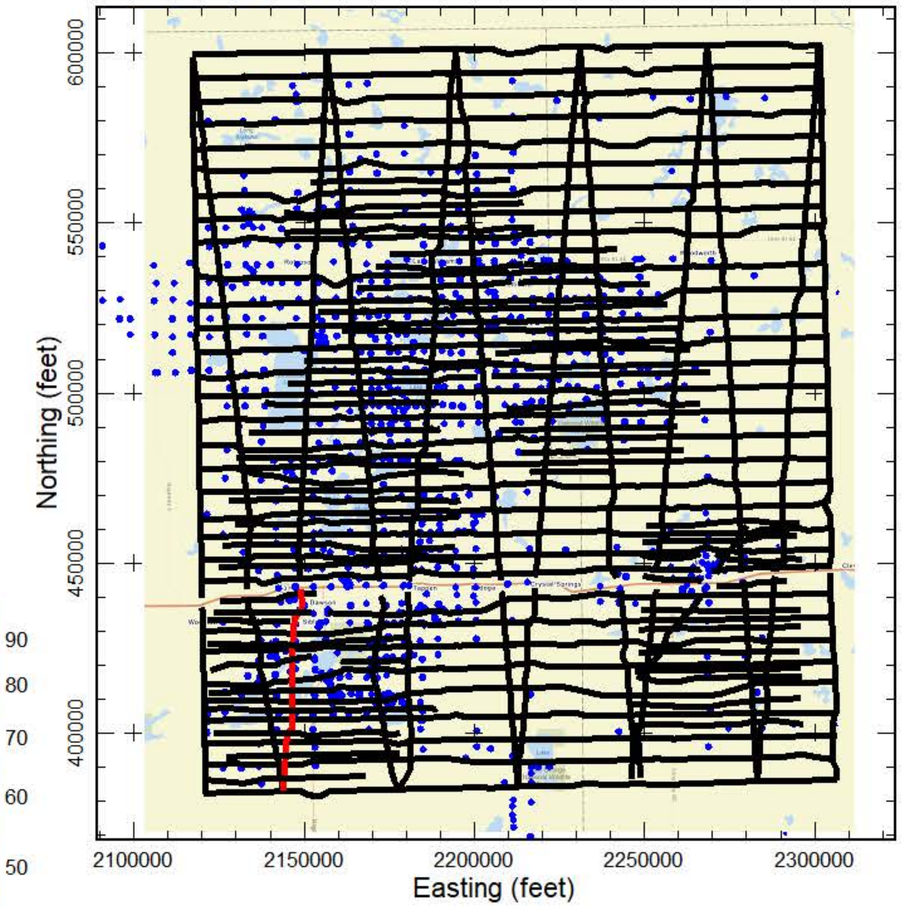
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

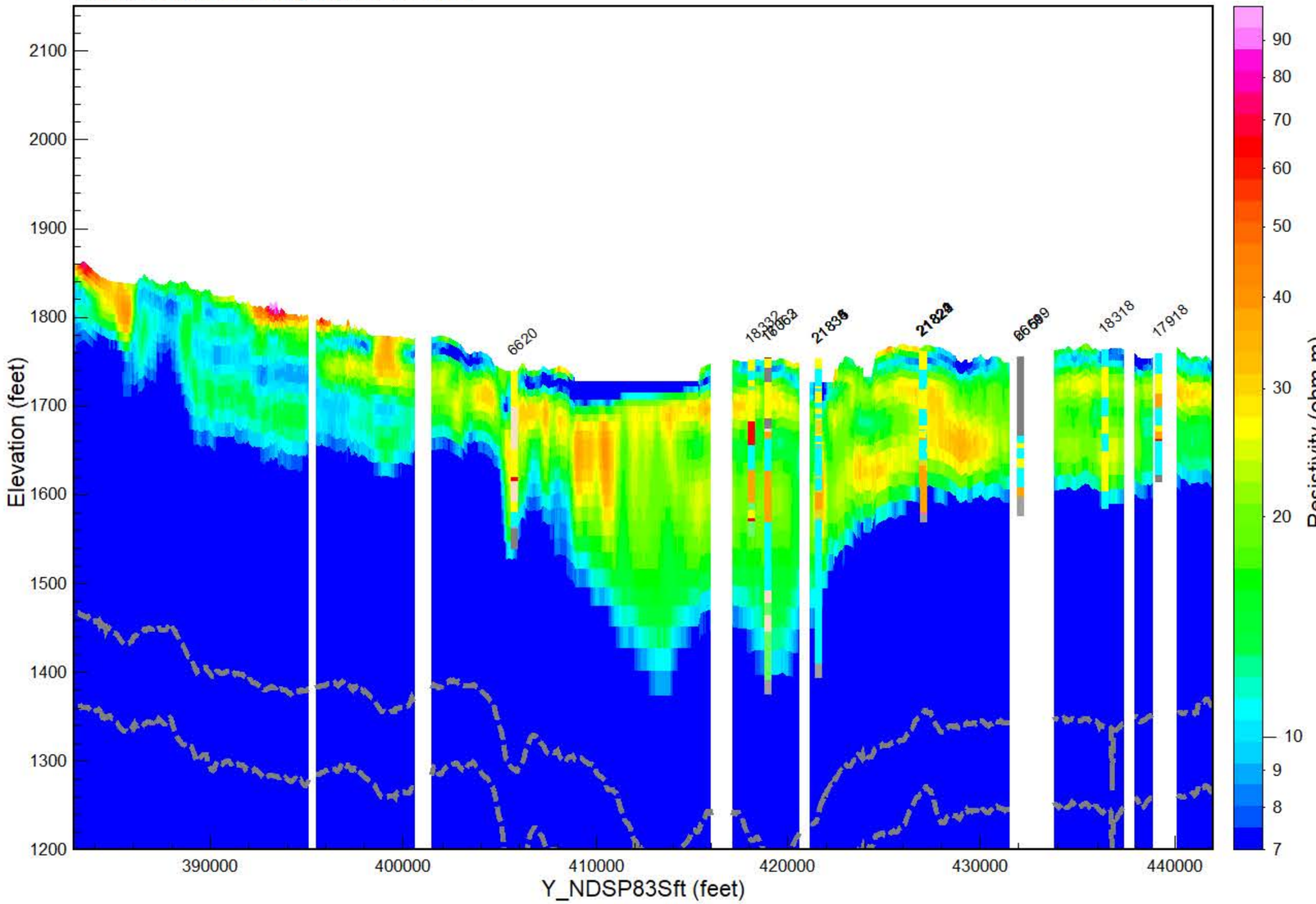
Flight Location Line L190301



AEM Survey Area 1



Final SCI Resistivity Line L190301

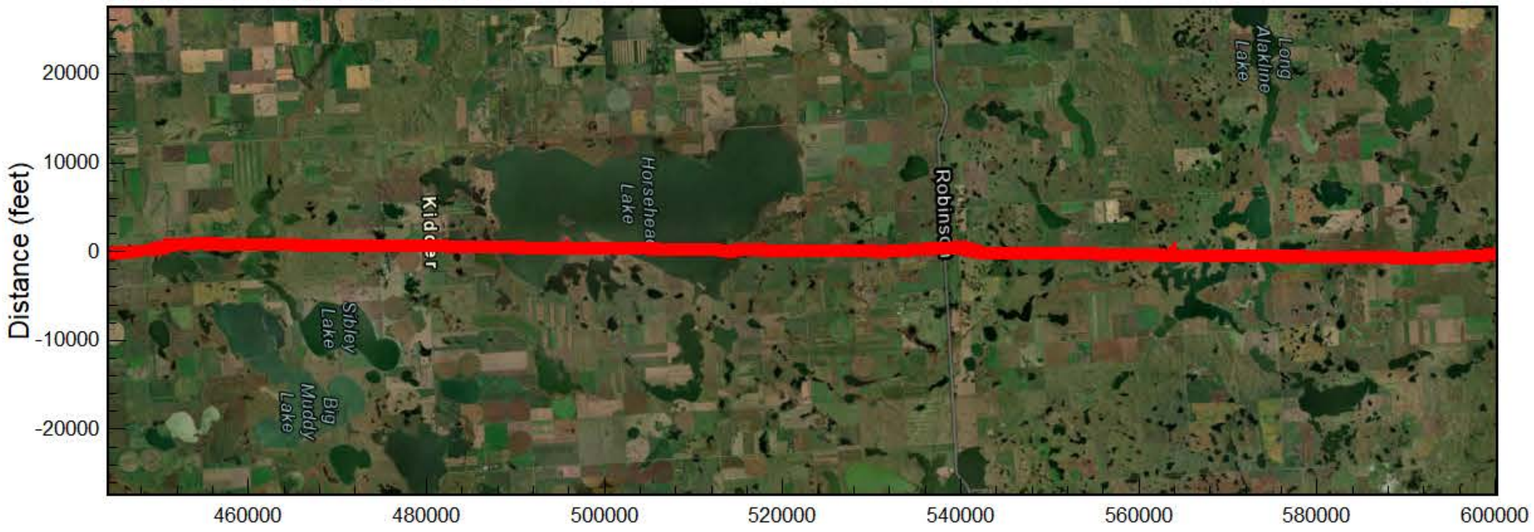


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

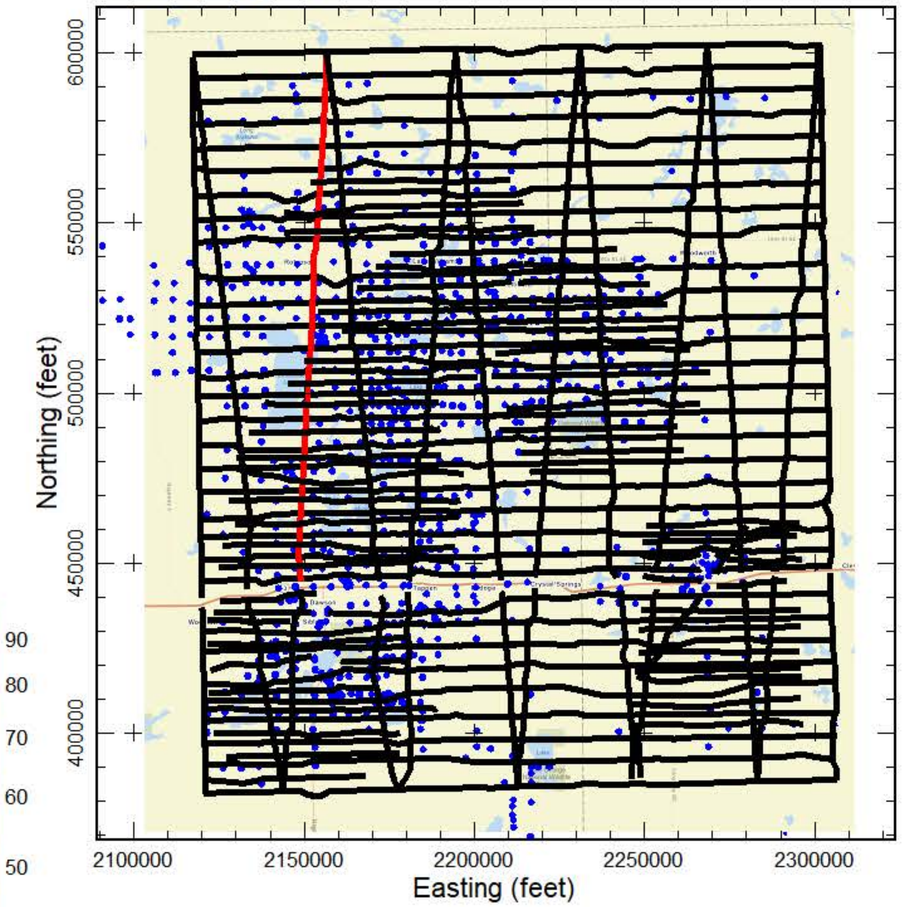
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

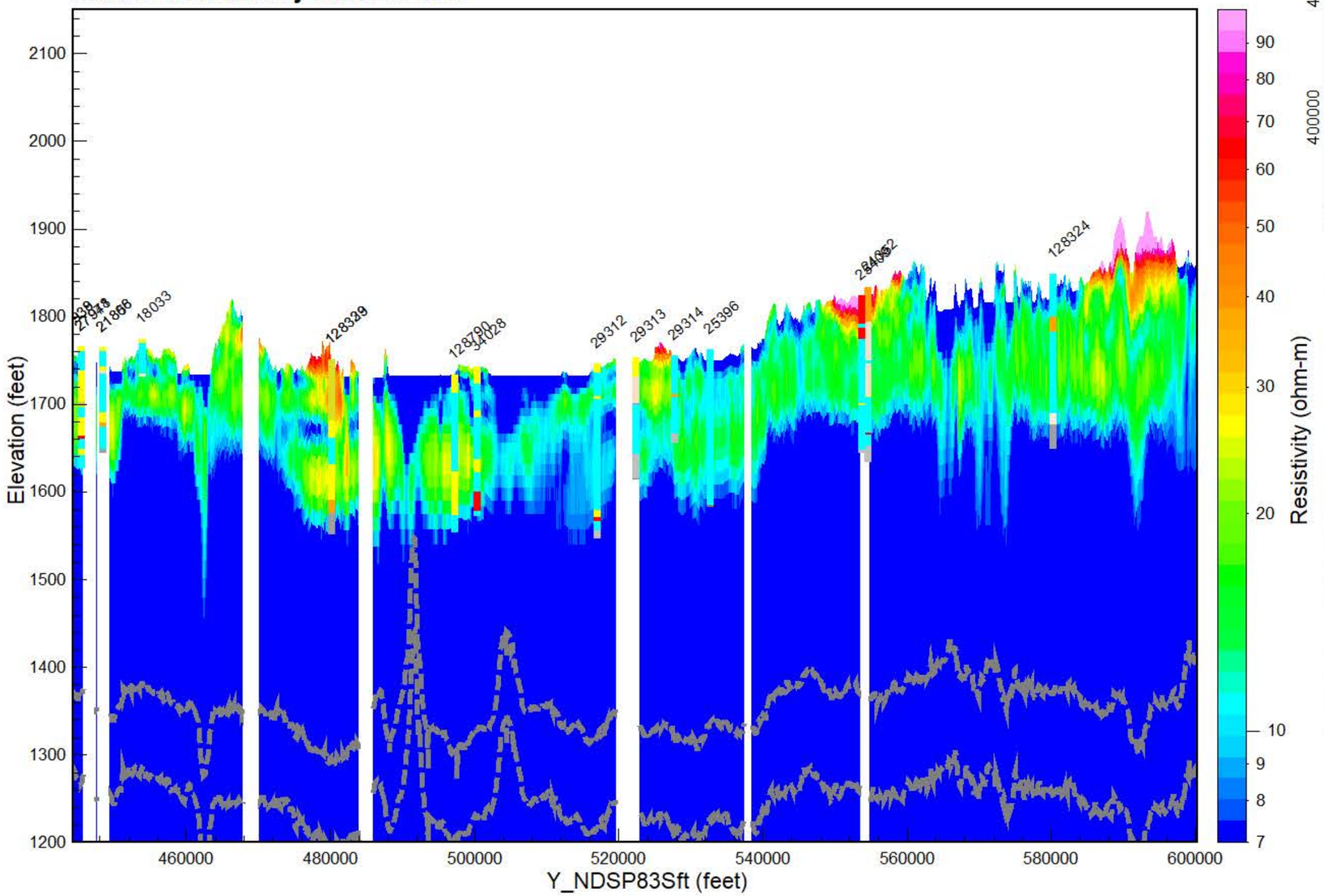
Flight Location Line L190302



AEM Survey Area 1



Final SCI Resistivity Line L190302



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

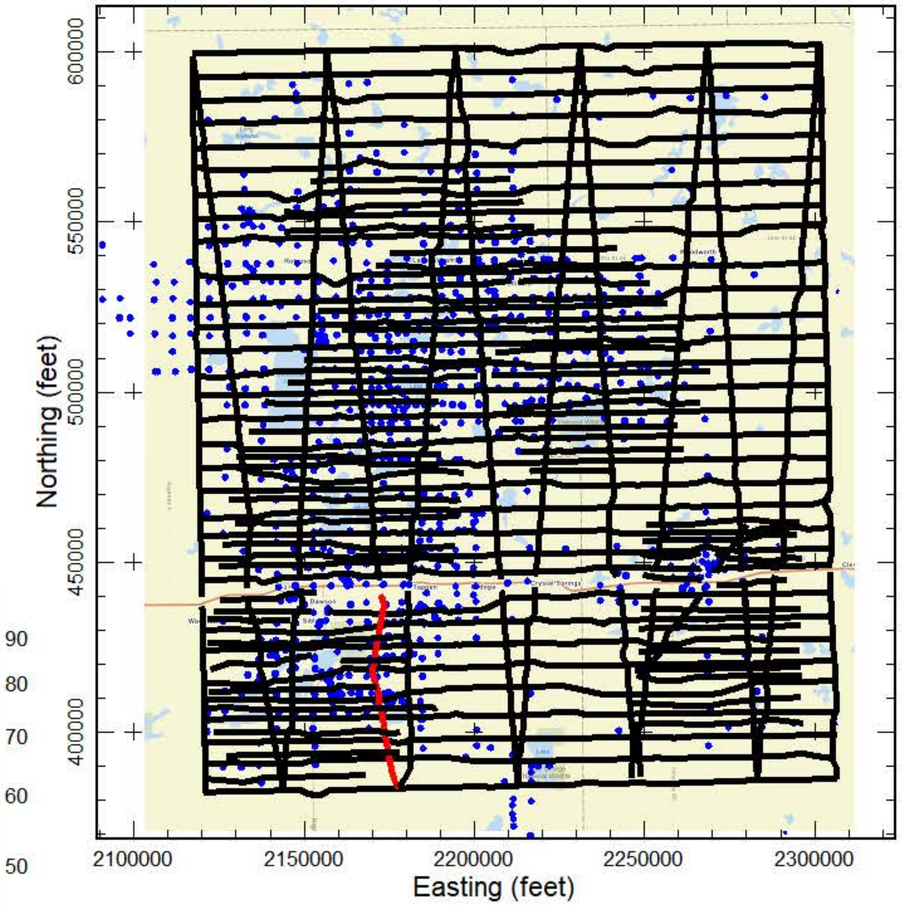
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

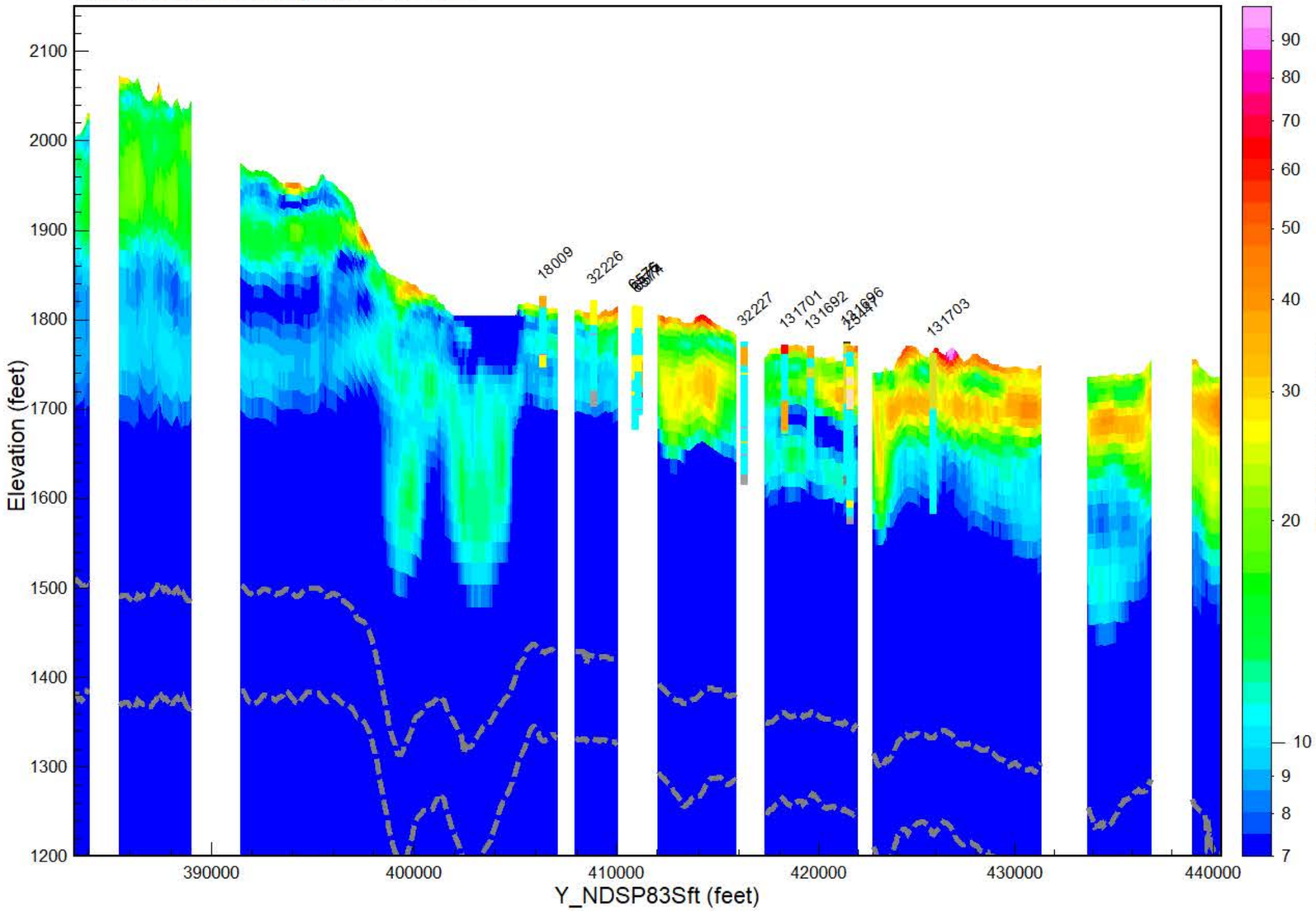
Flight Location Line L190401



AEM Survey Area 1



Final SCI Resistivity Line L190401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

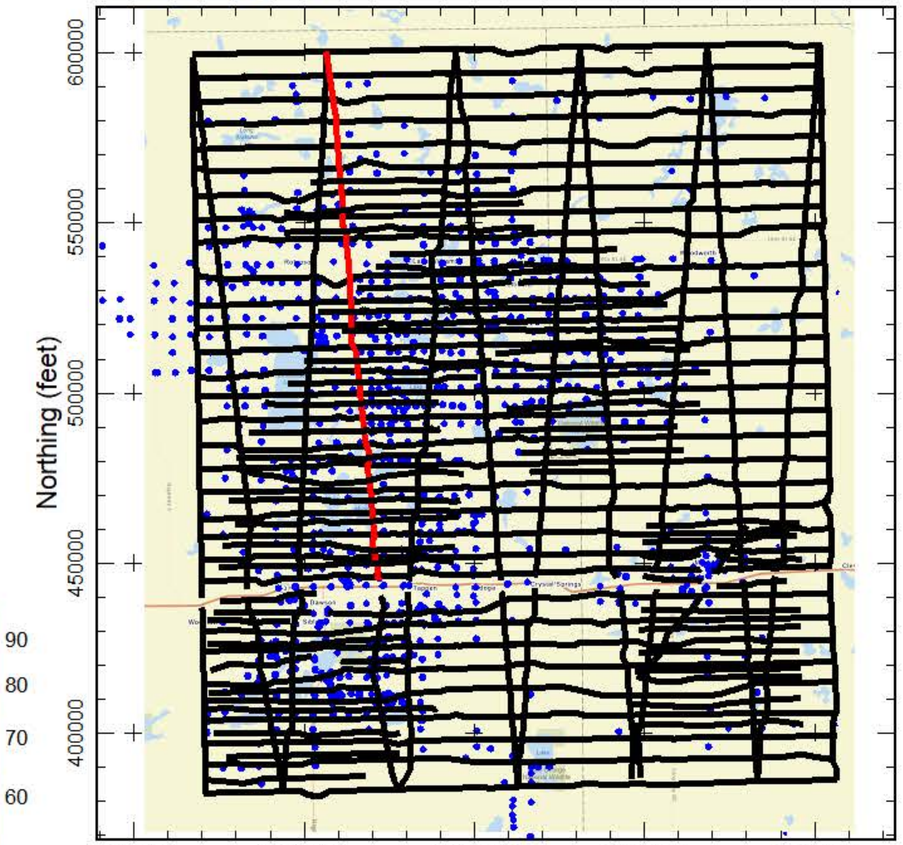
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

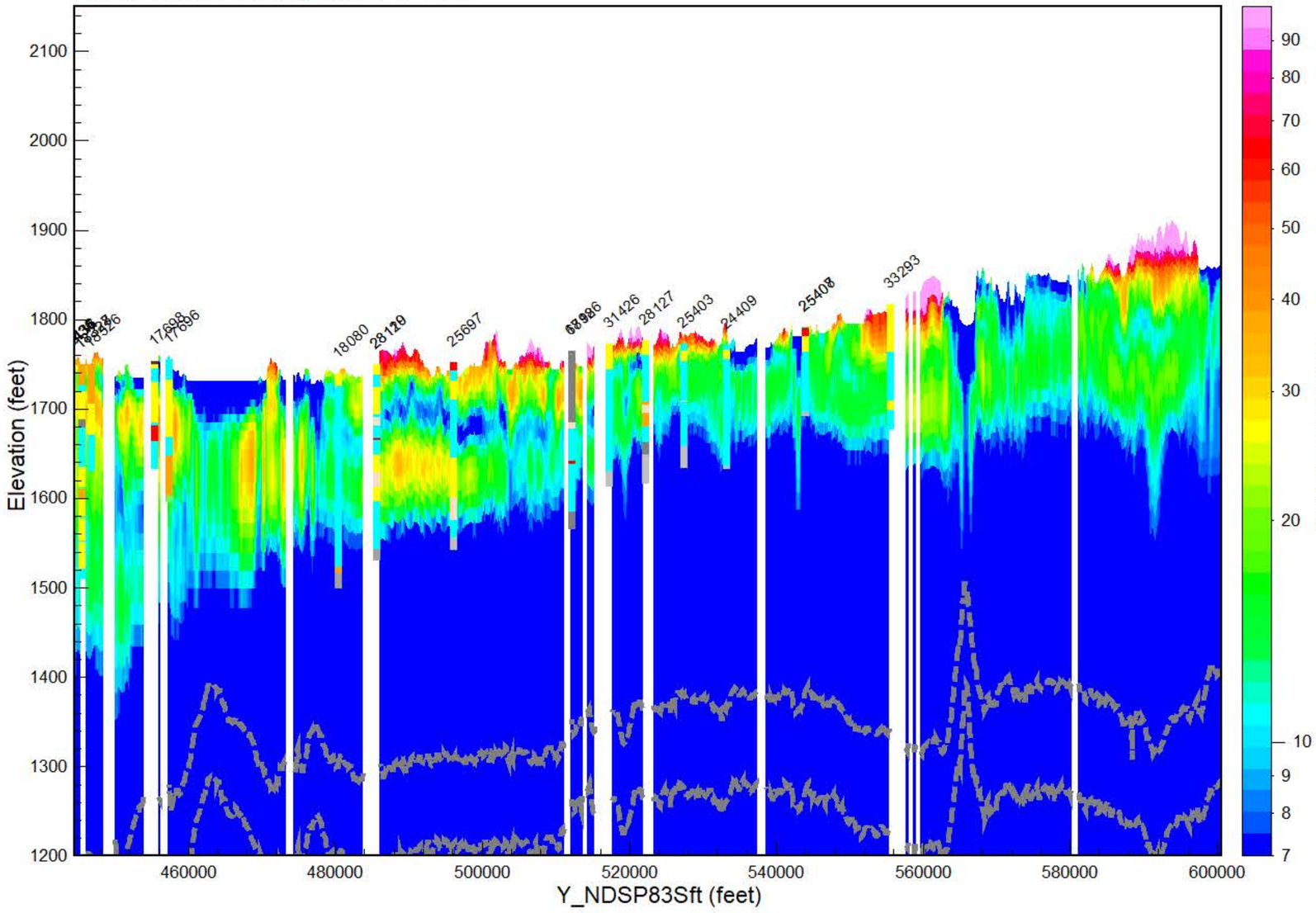
Flight Location Line L190402



AEM Survey Area 1



Final SCI Resistivity Line L190402



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

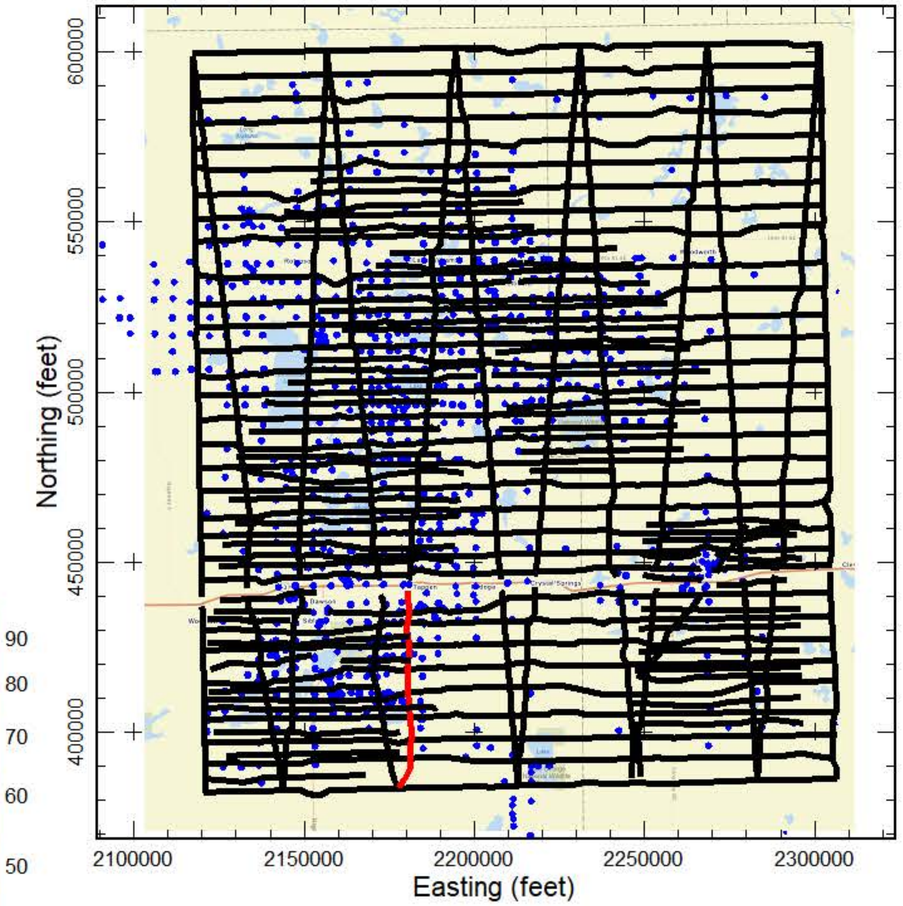
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

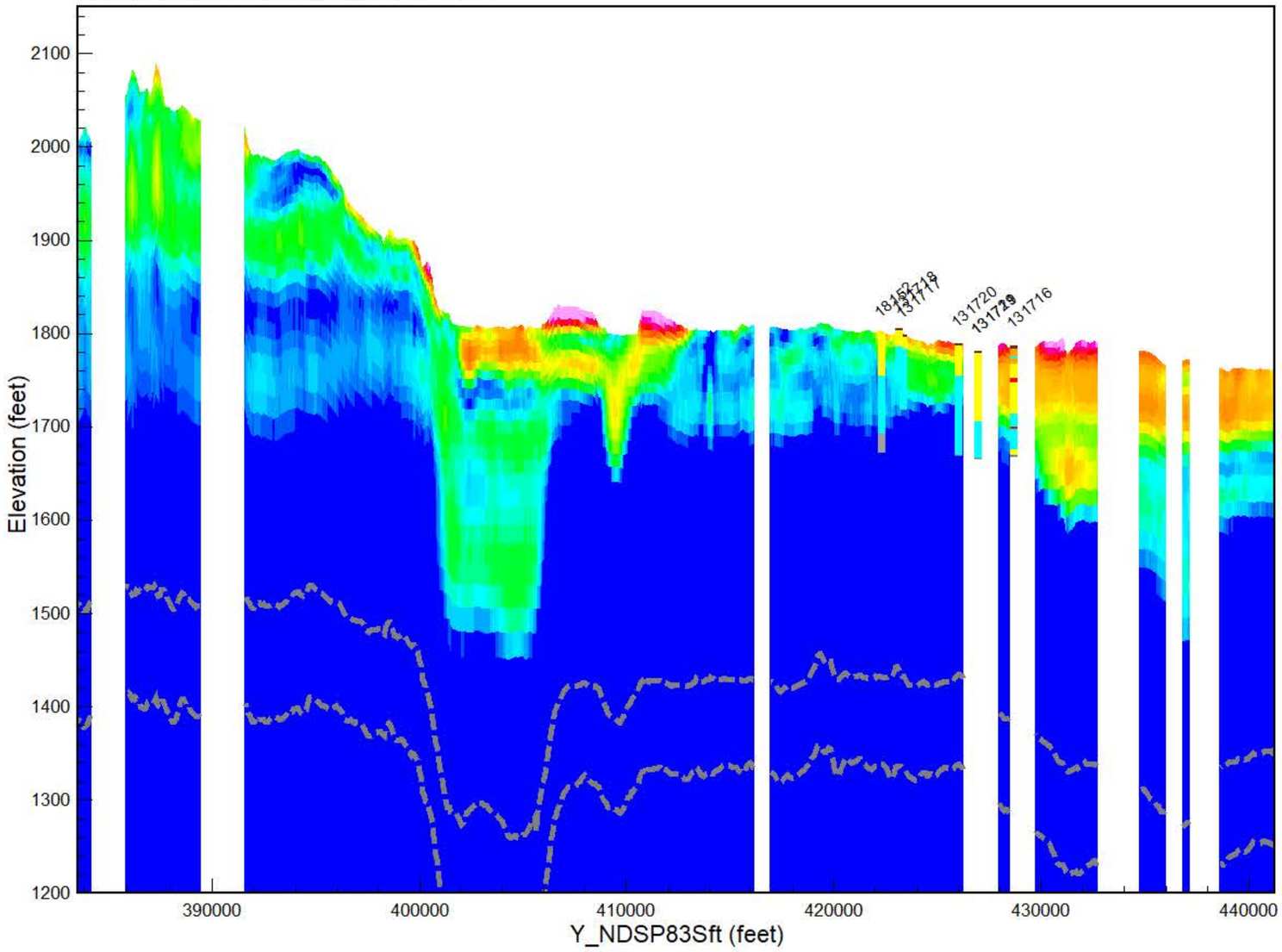
Flight Location Line L190501

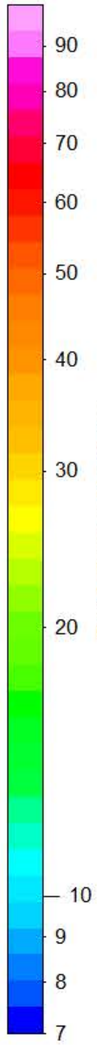


AEM Survey Area 1



Final SCI Resistivity Line L190501





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

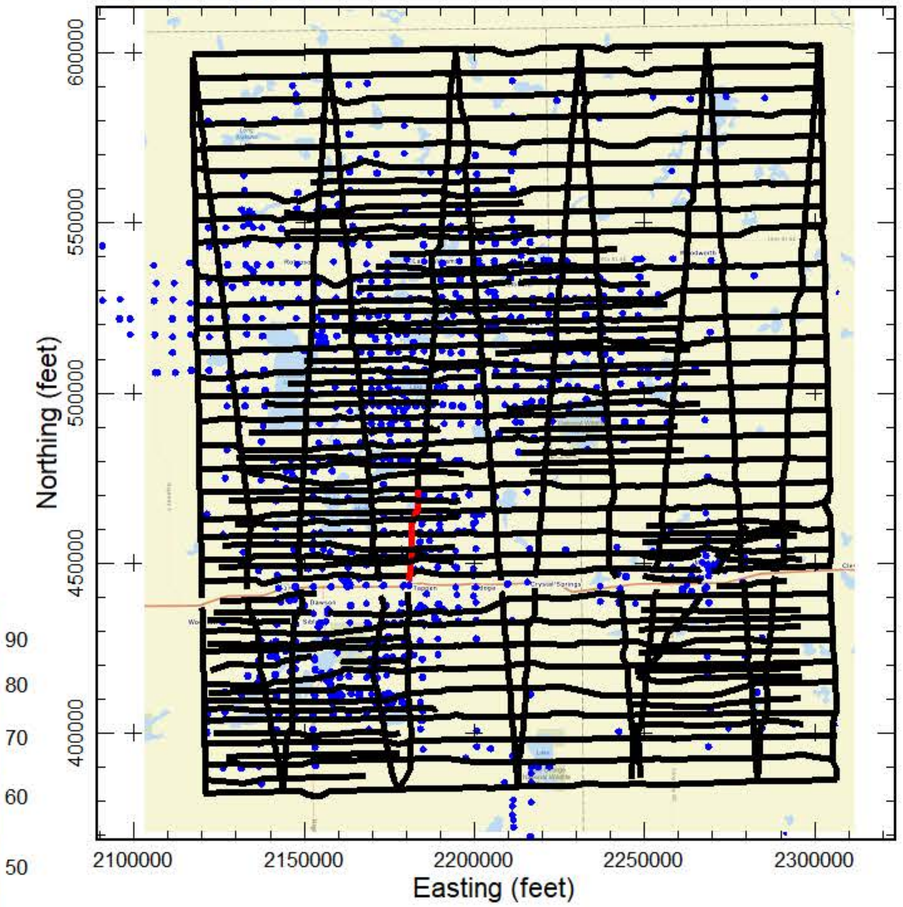
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

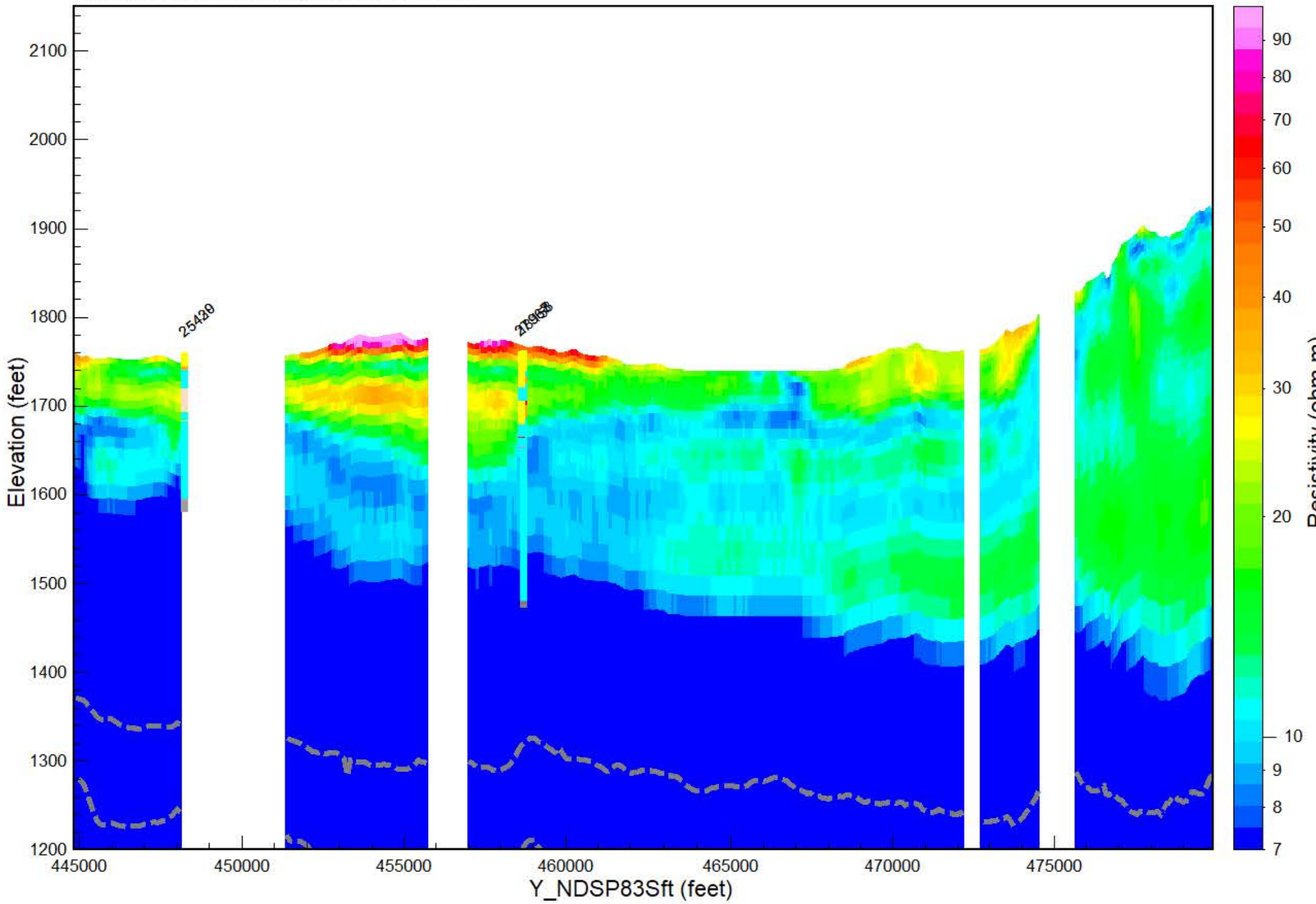
Flight Location Line L190502



AEM Survey Area 1



Final SCI Resistivity Line L190502

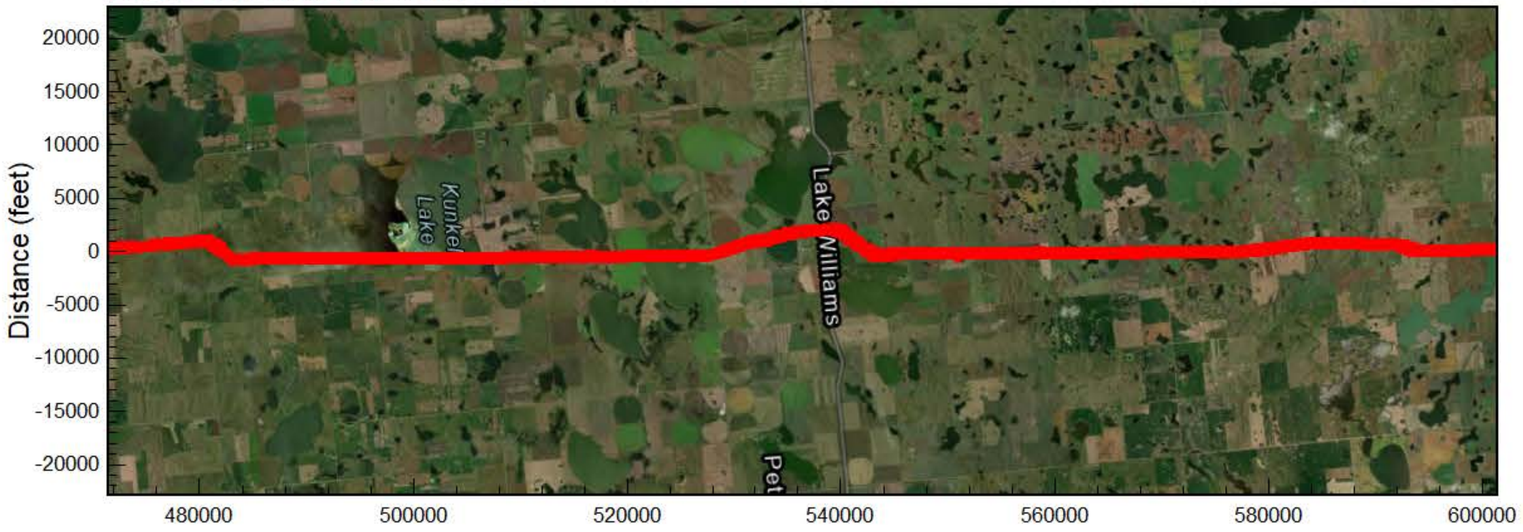


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

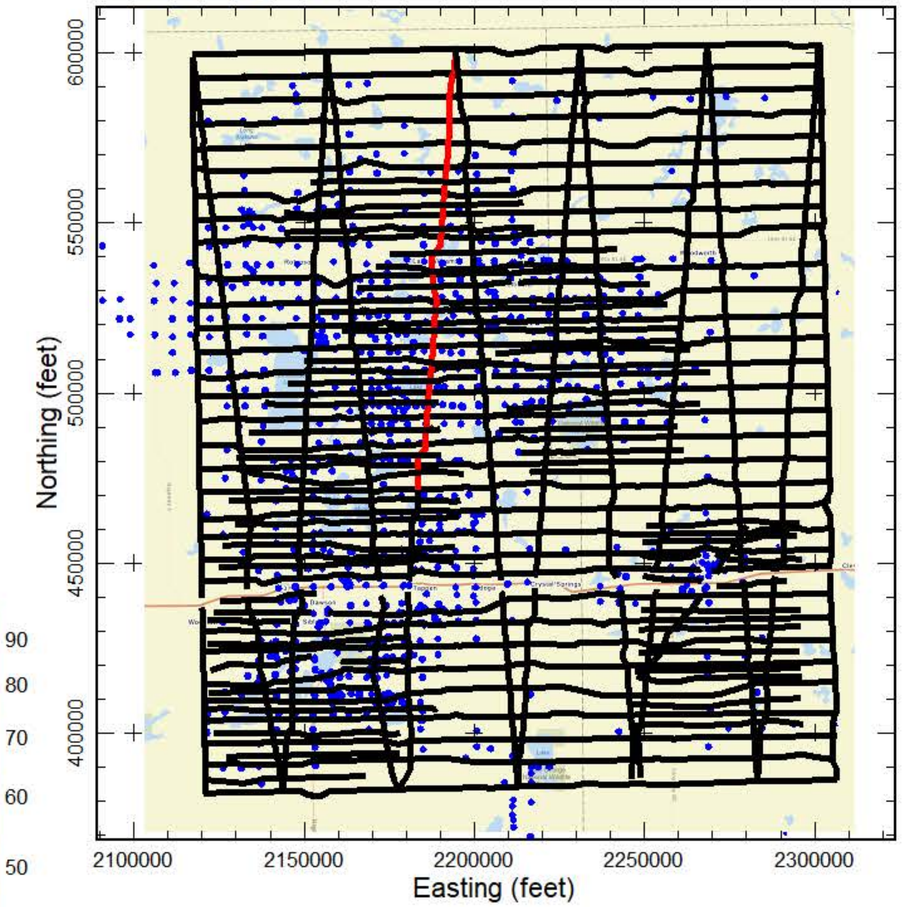
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

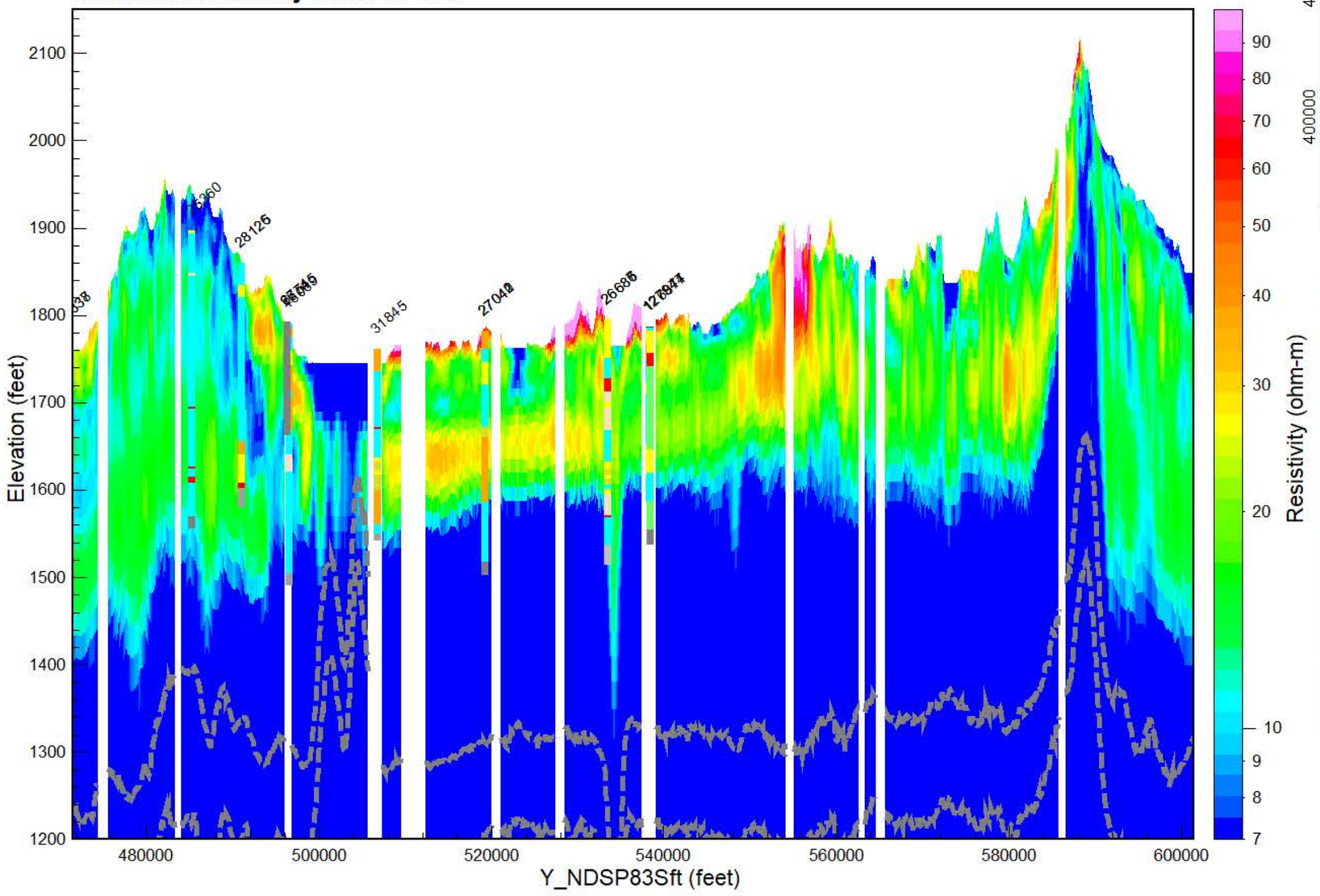
Flight Location Line L190503



AEM Survey Area 1



Final SCI Resistivity Line L190503



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

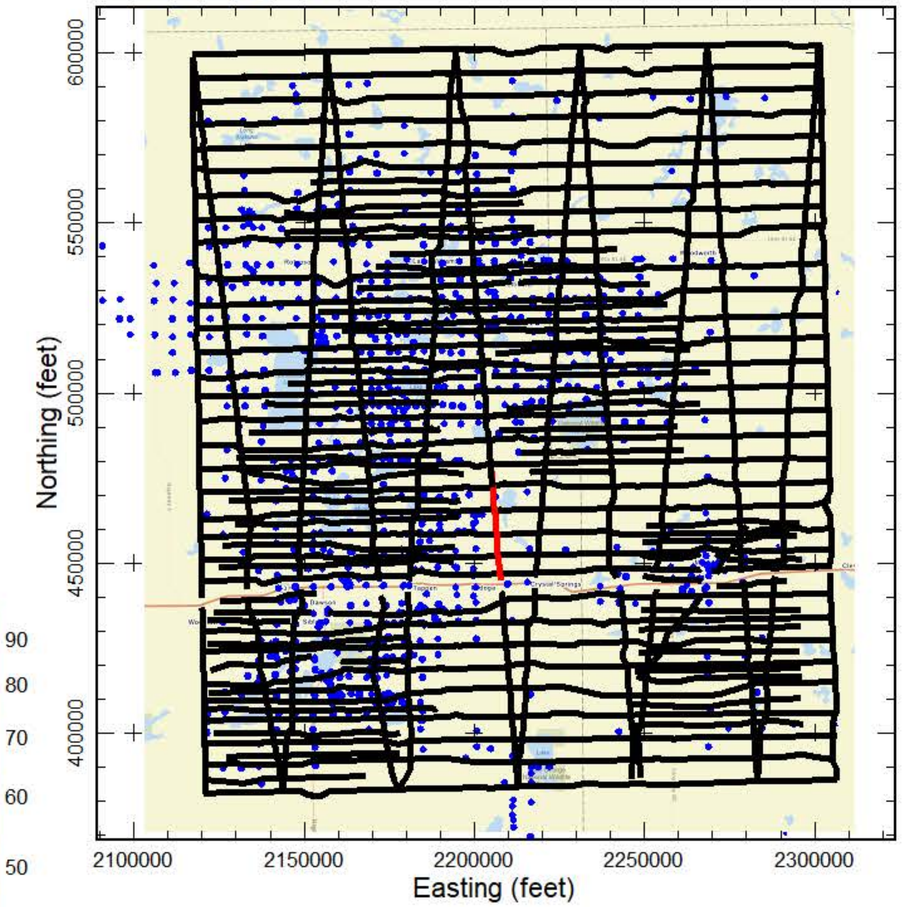
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

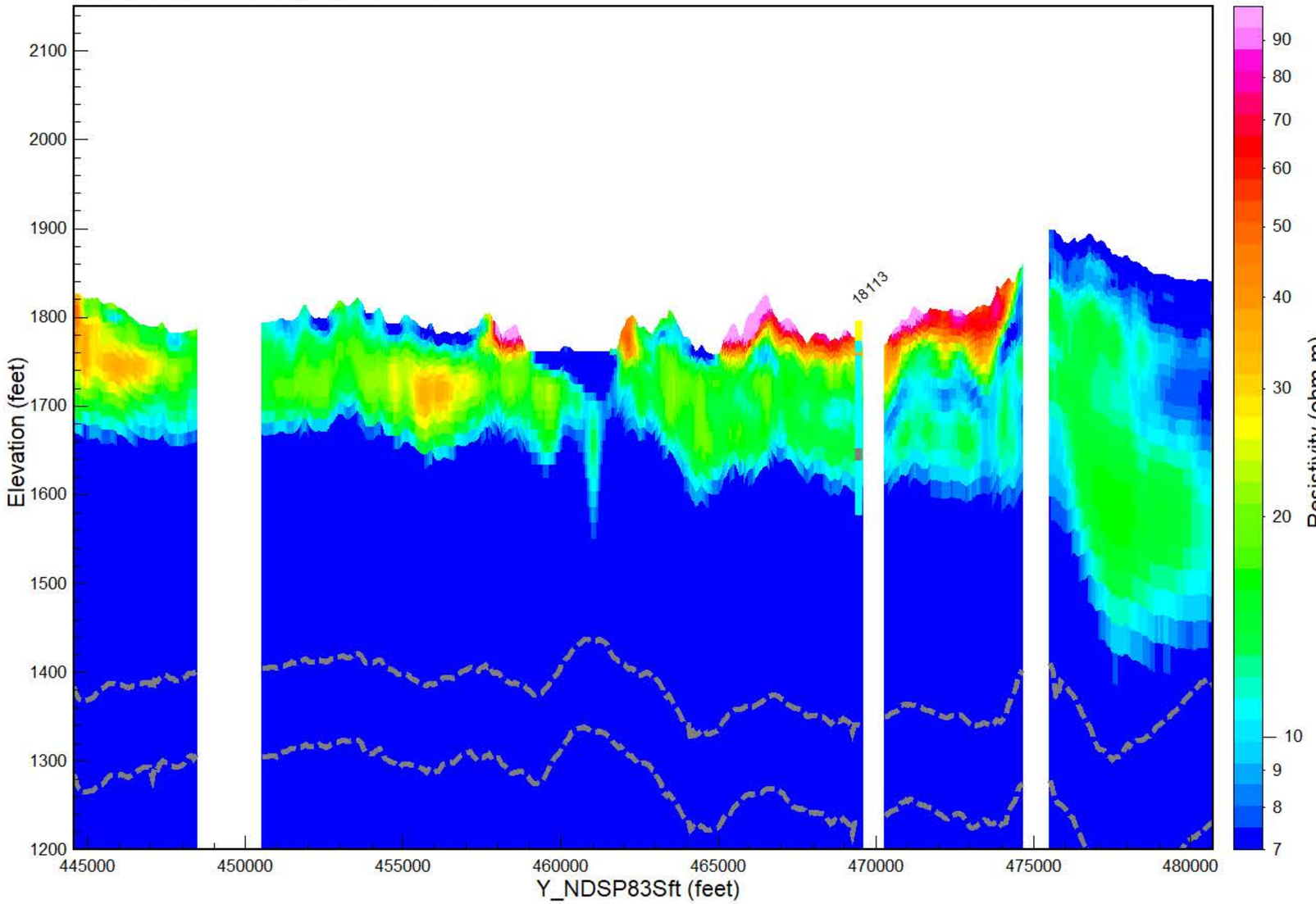
Flight Location Line L190602



AEM Survey Area 1



Final SCI Resistivity Line L190602

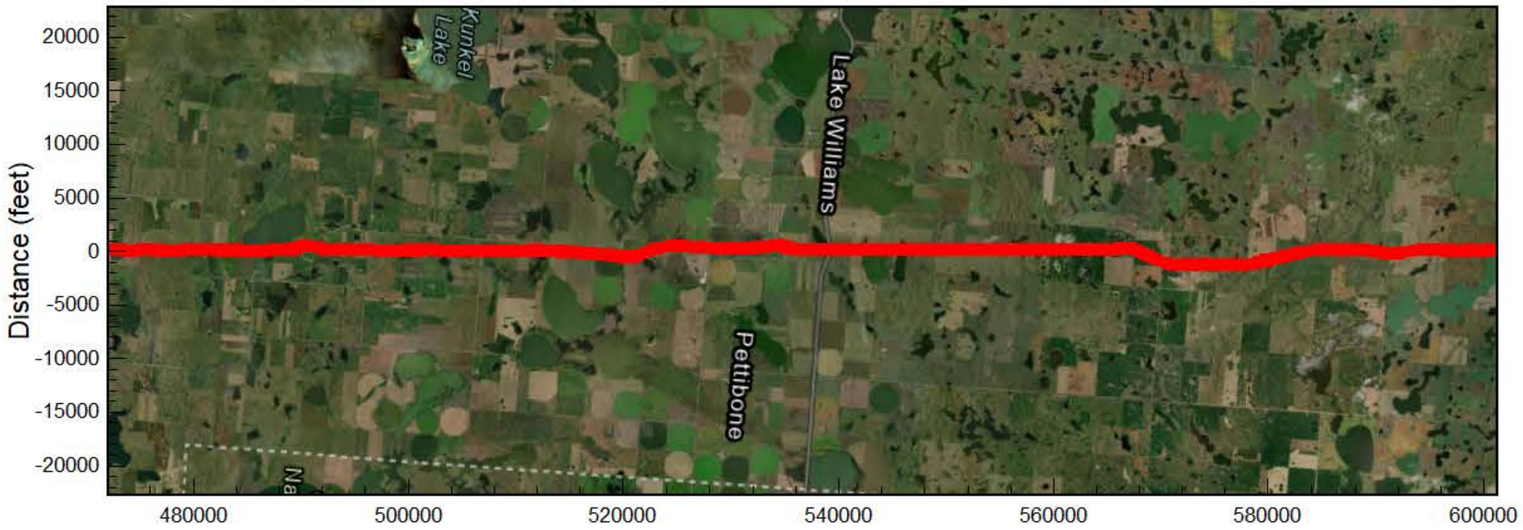


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

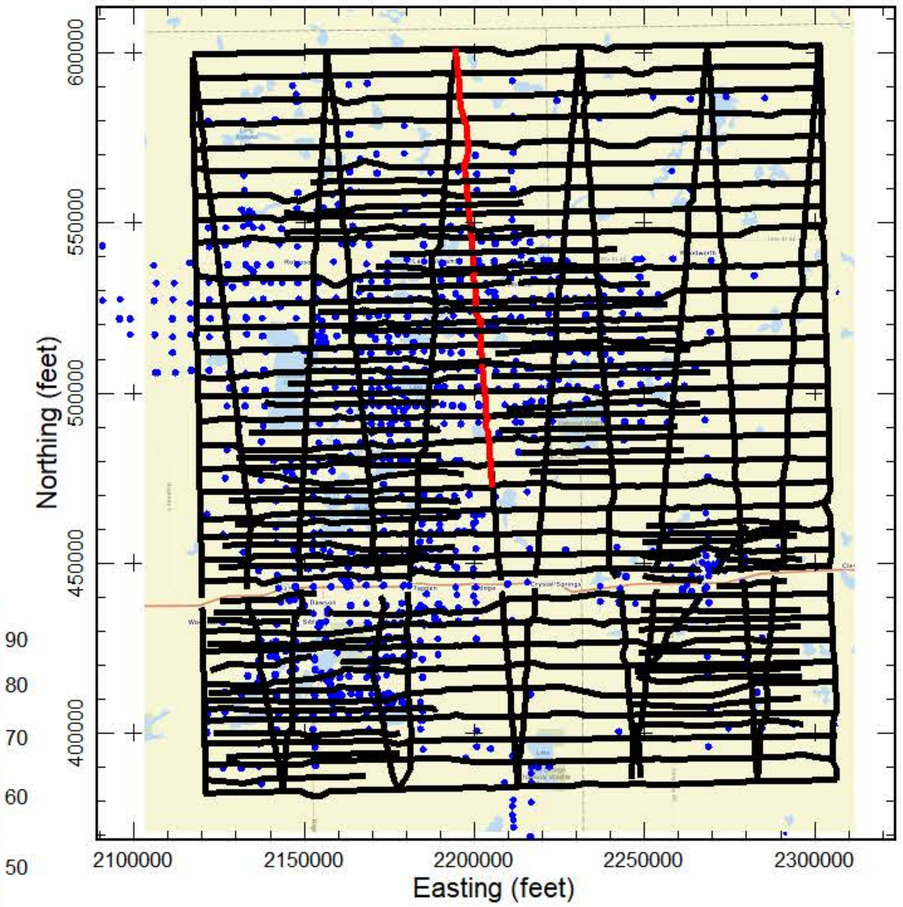
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

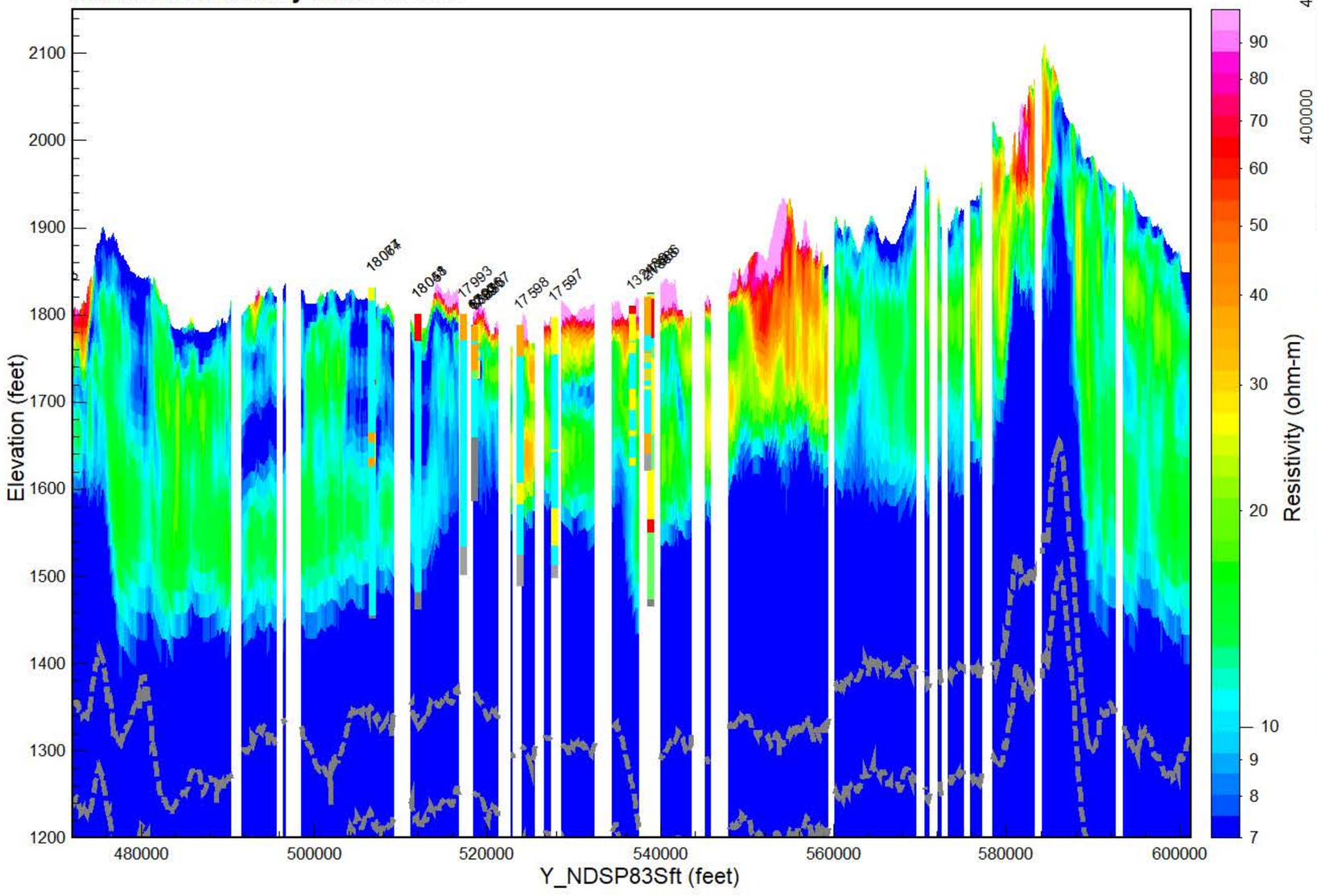
Flight Location Line L190603



AEM Survey Area 1



Final SCI Resistivity Line L190603

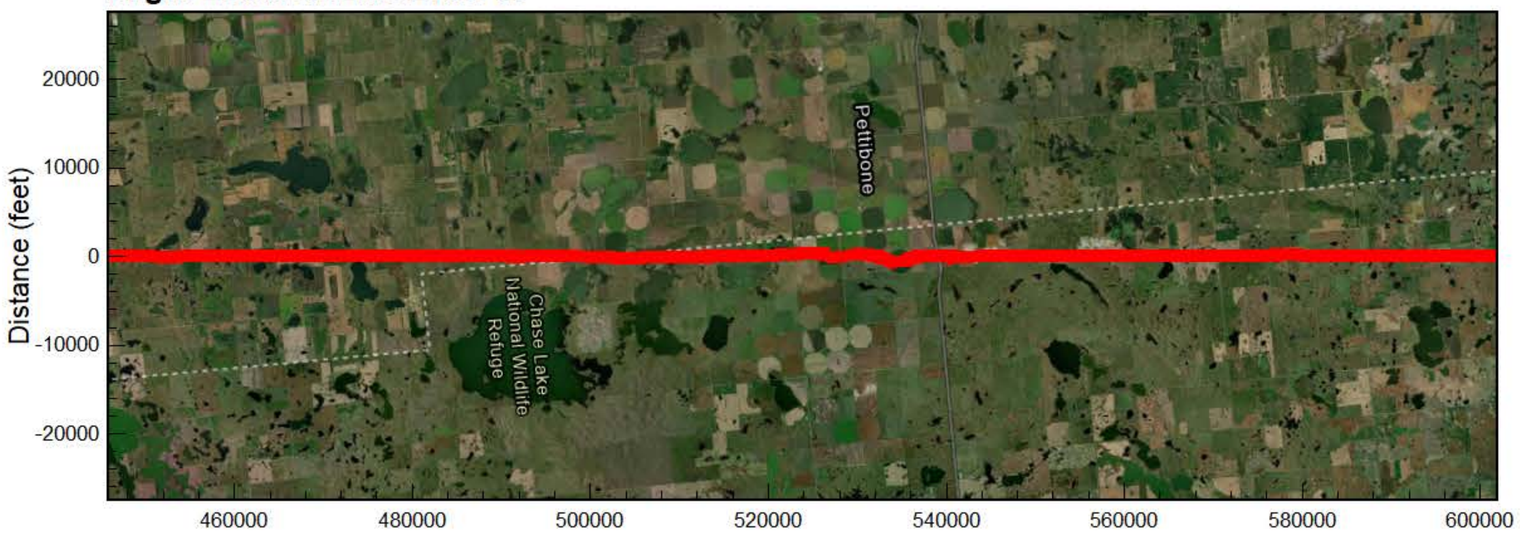


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

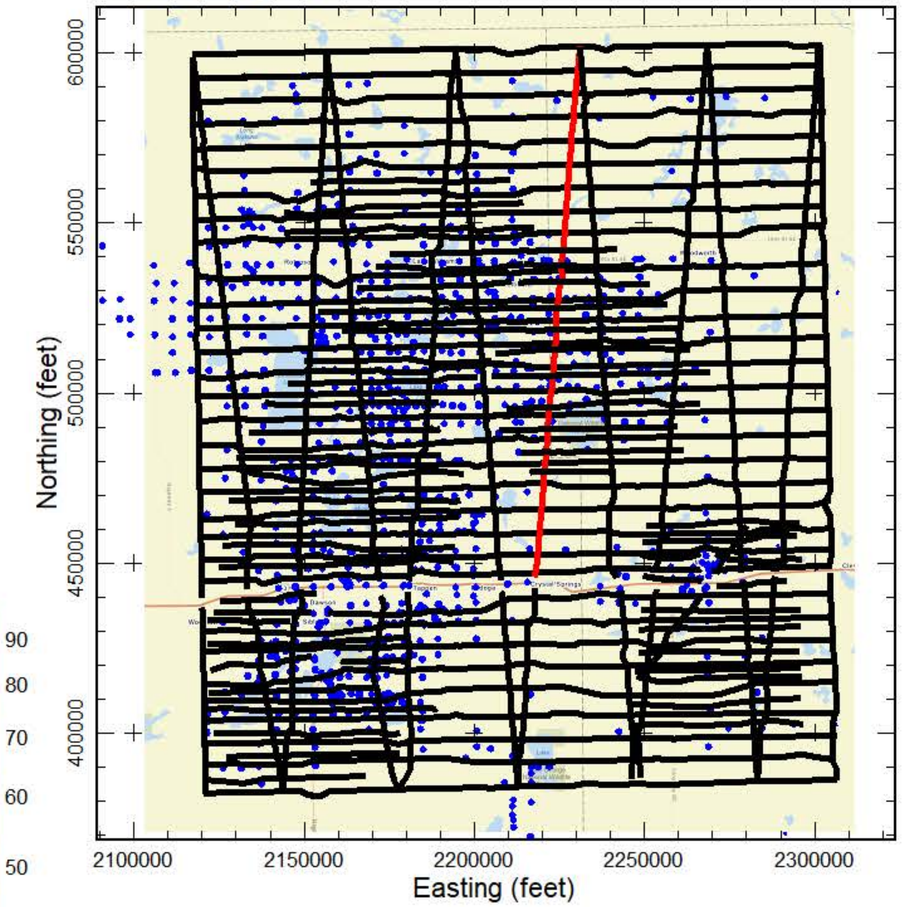
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

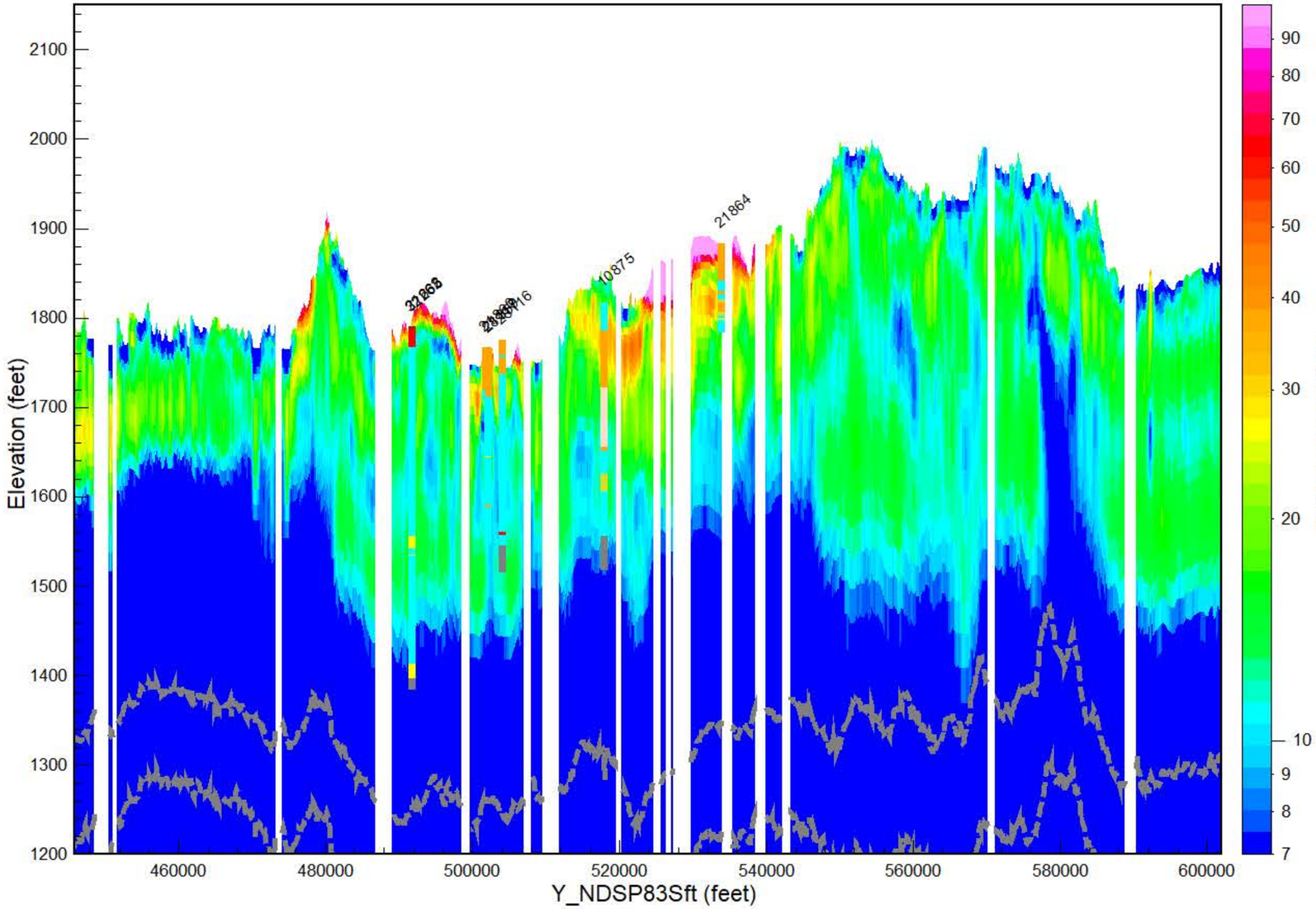
Flight Location Line L190702



AEM Survey Area 1



Final SCI Resistivity Line L190702

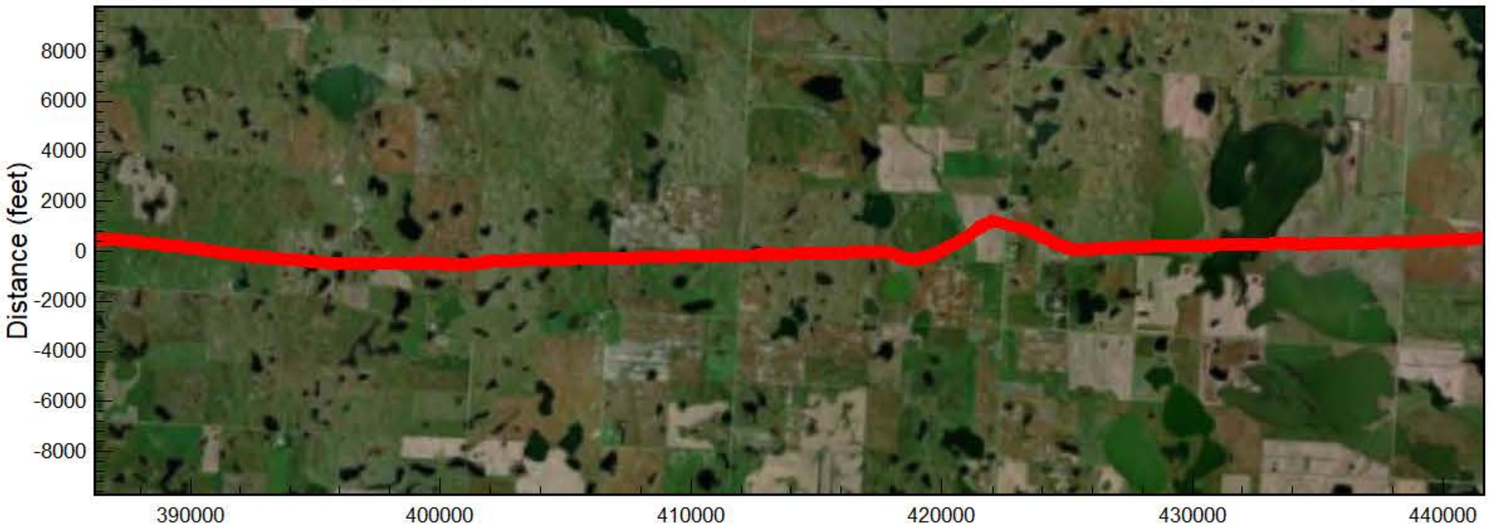


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

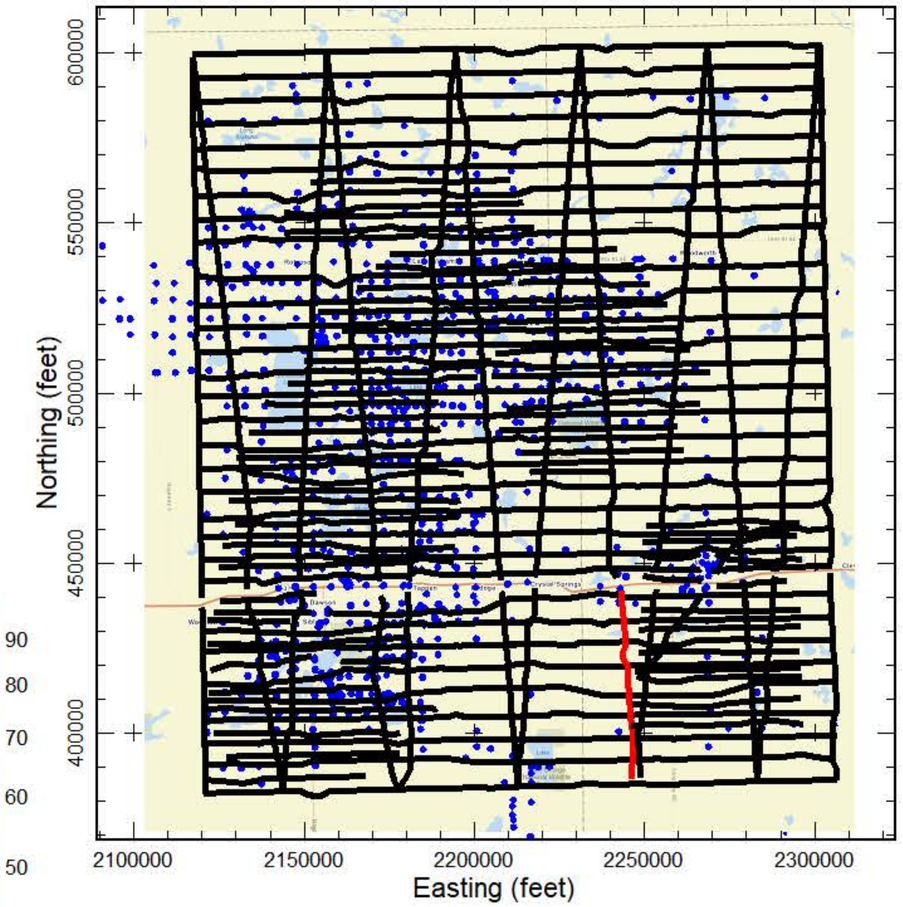
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

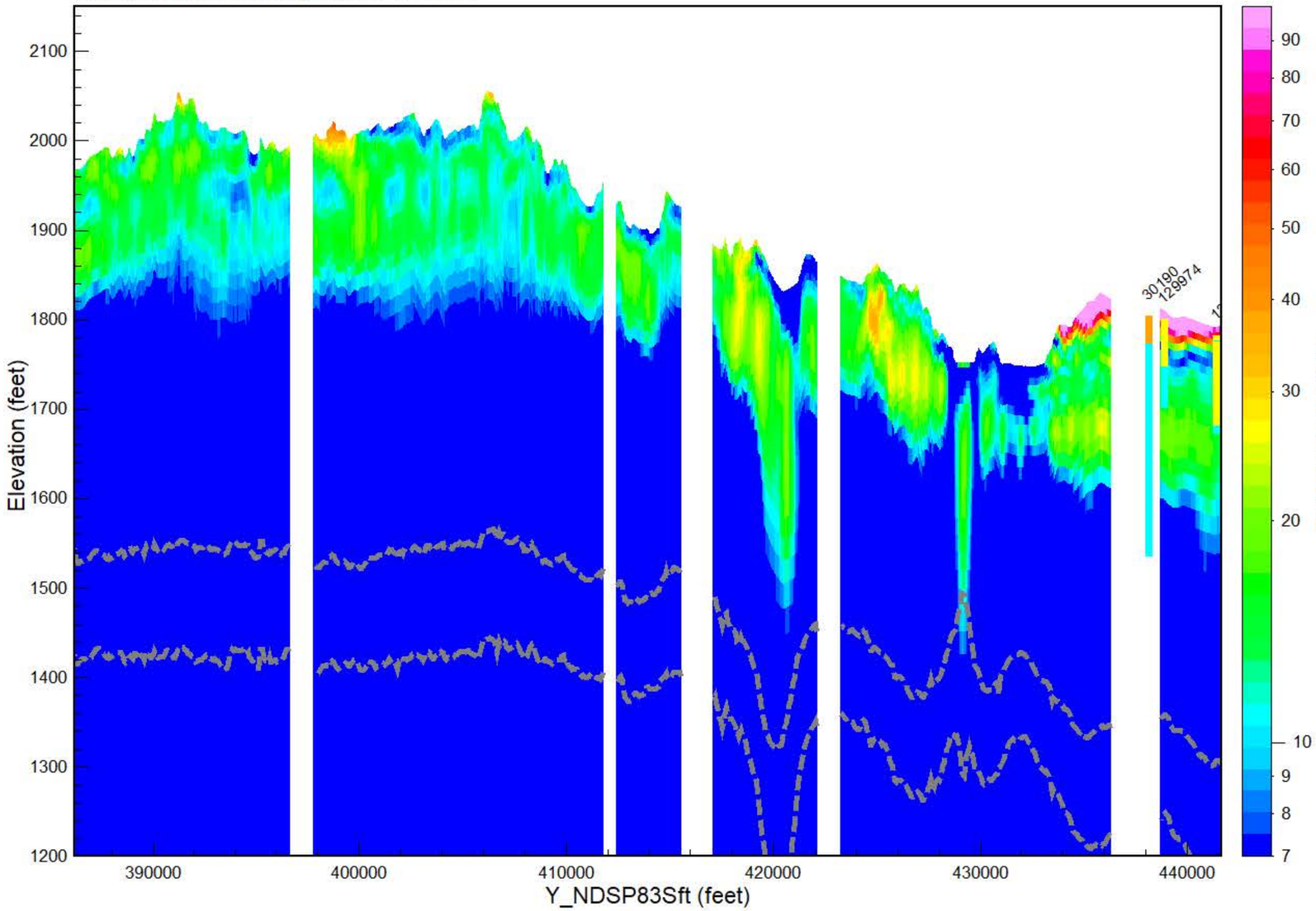
Flight Location Line L190801



AEM Survey Area 1



Final SCI Resistivity Line L190801

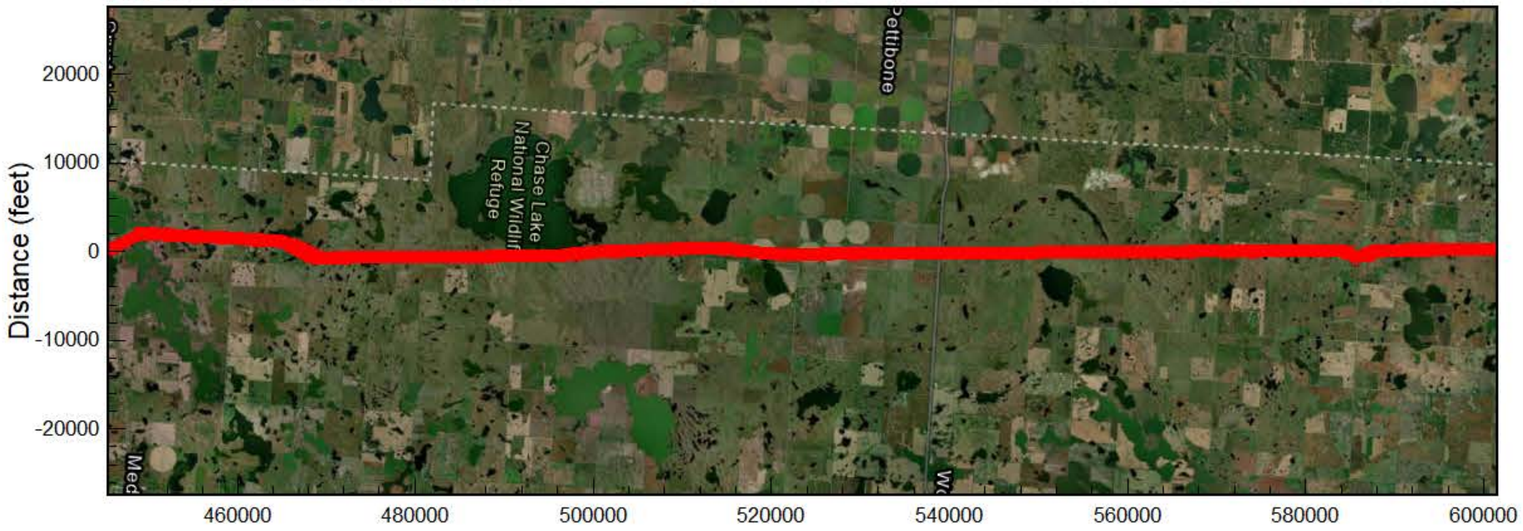


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

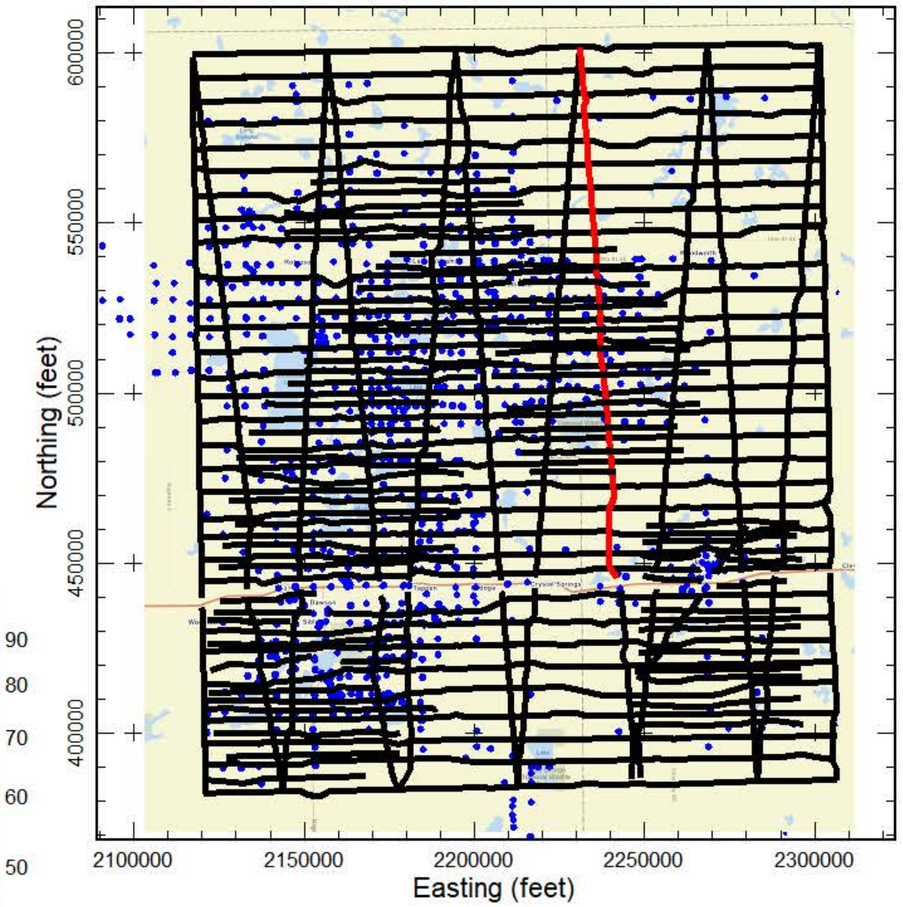
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

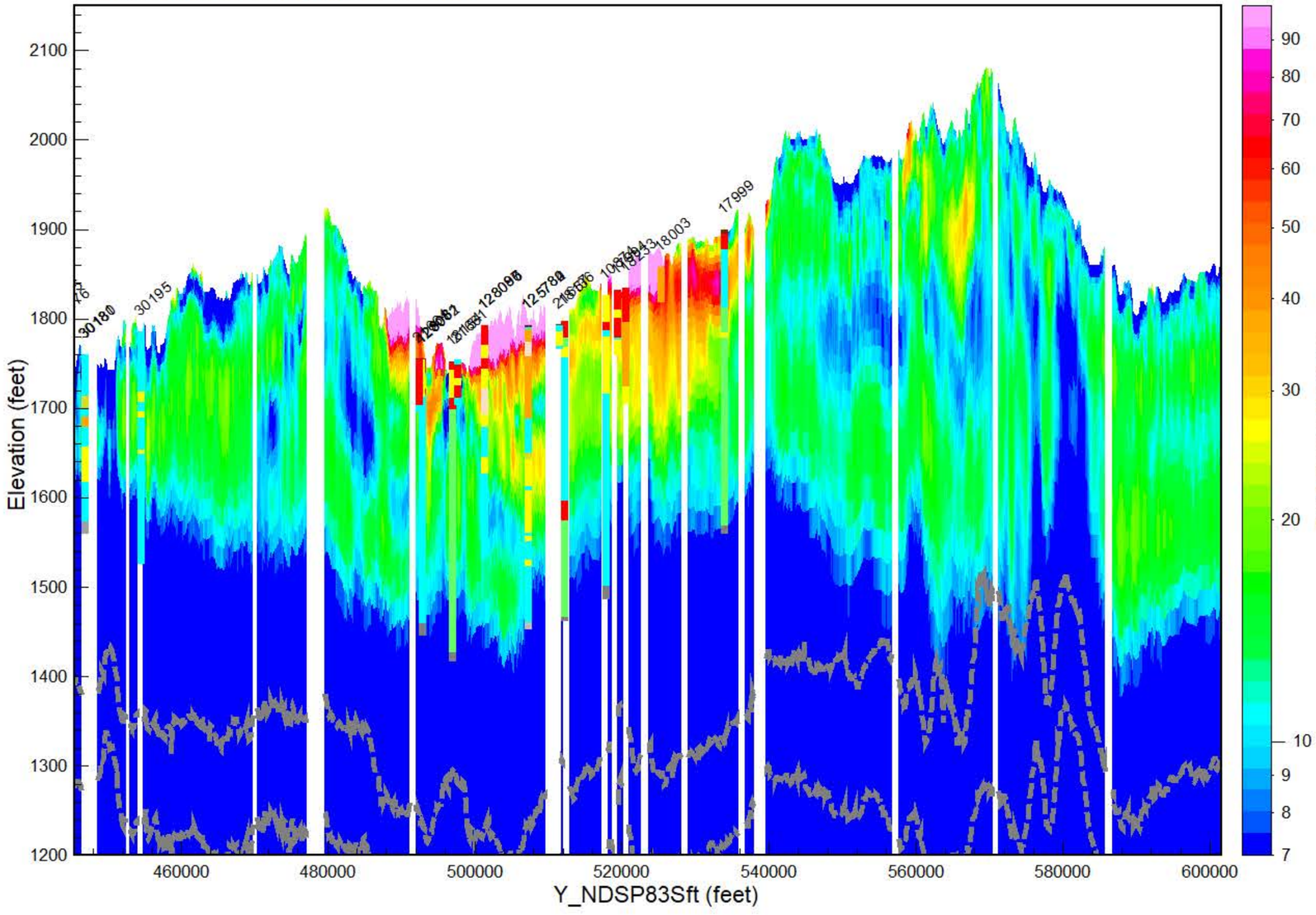
Flight Location Line L190802



AEM Survey Area 1



Final SCI Resistivity Line L190802



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

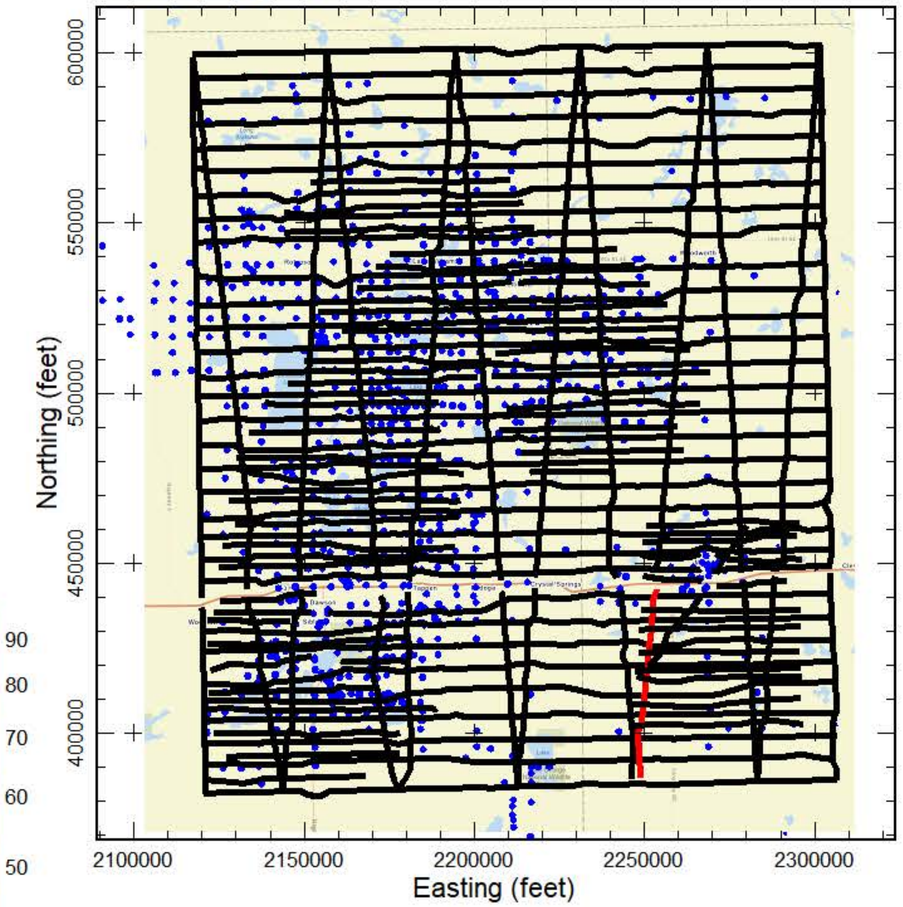
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

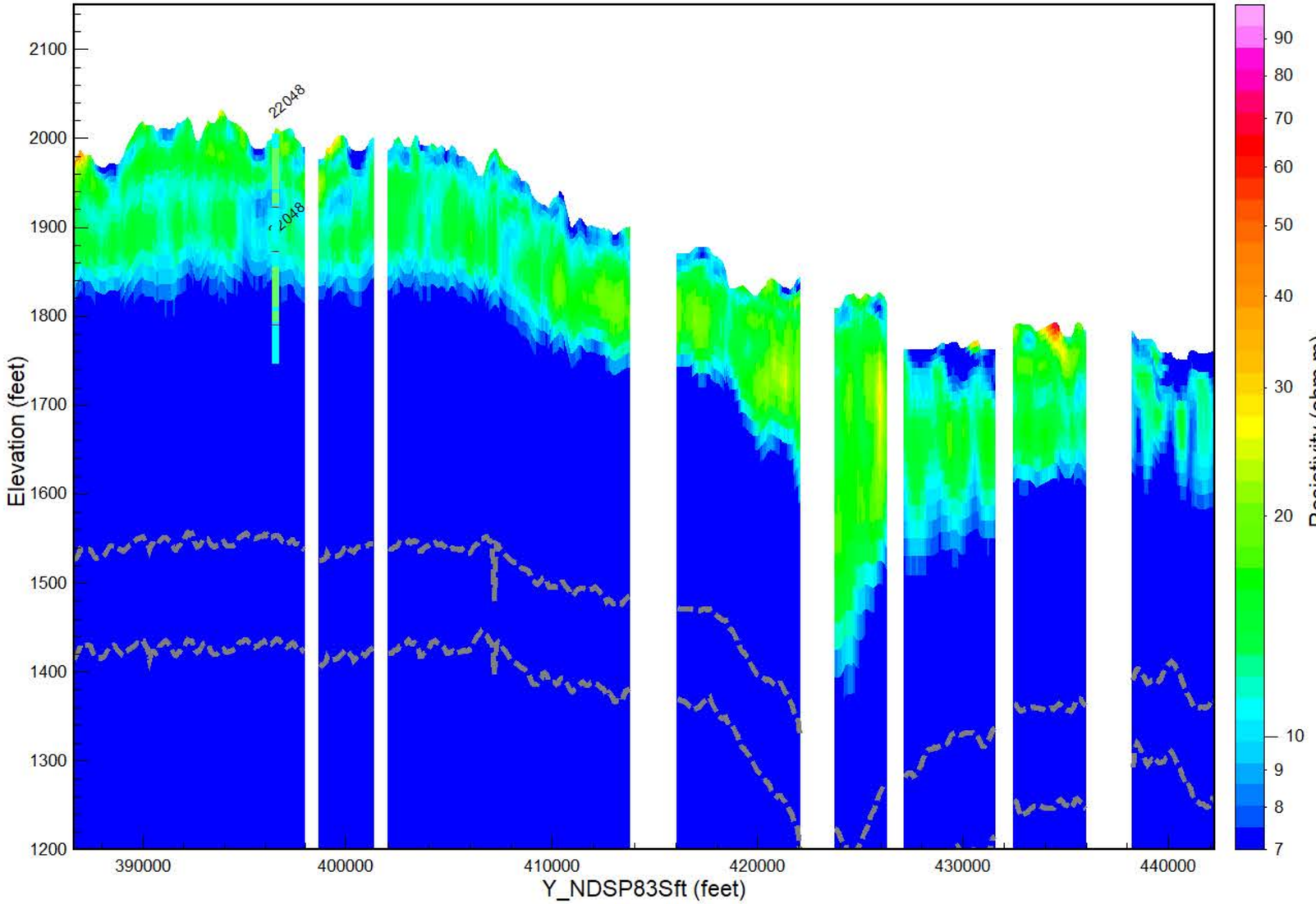
Flight Location Line L190901



AEM Survey Area 1



Final SCI Resistivity Line L190901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

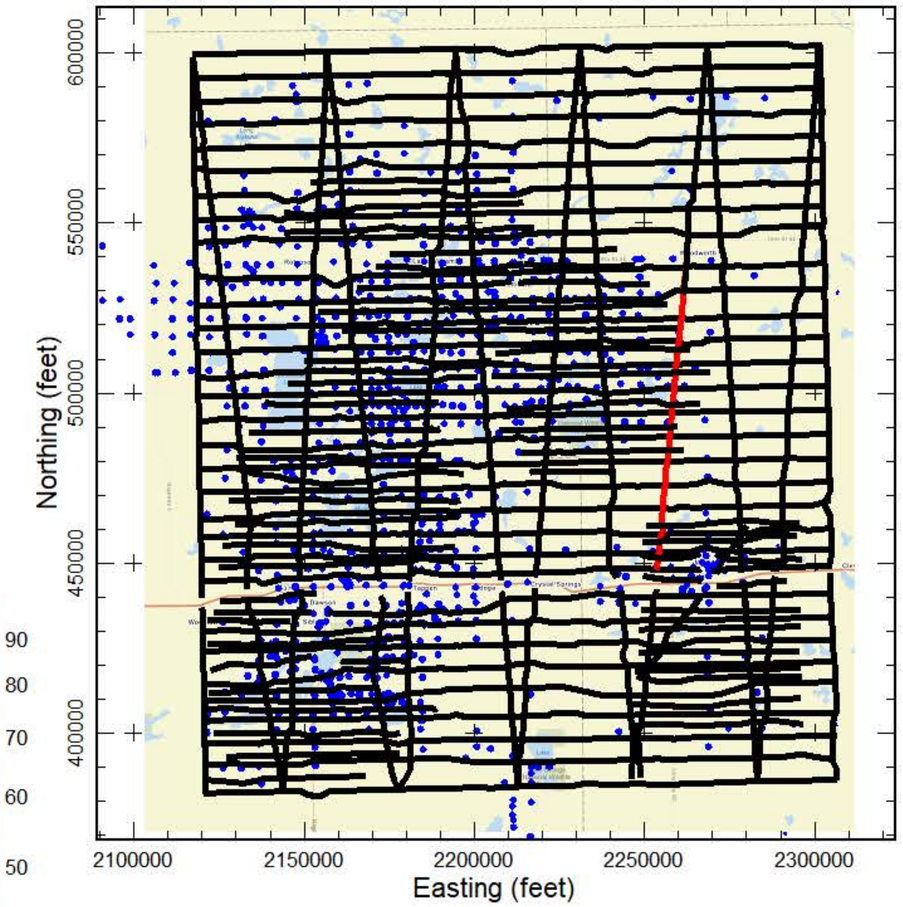
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

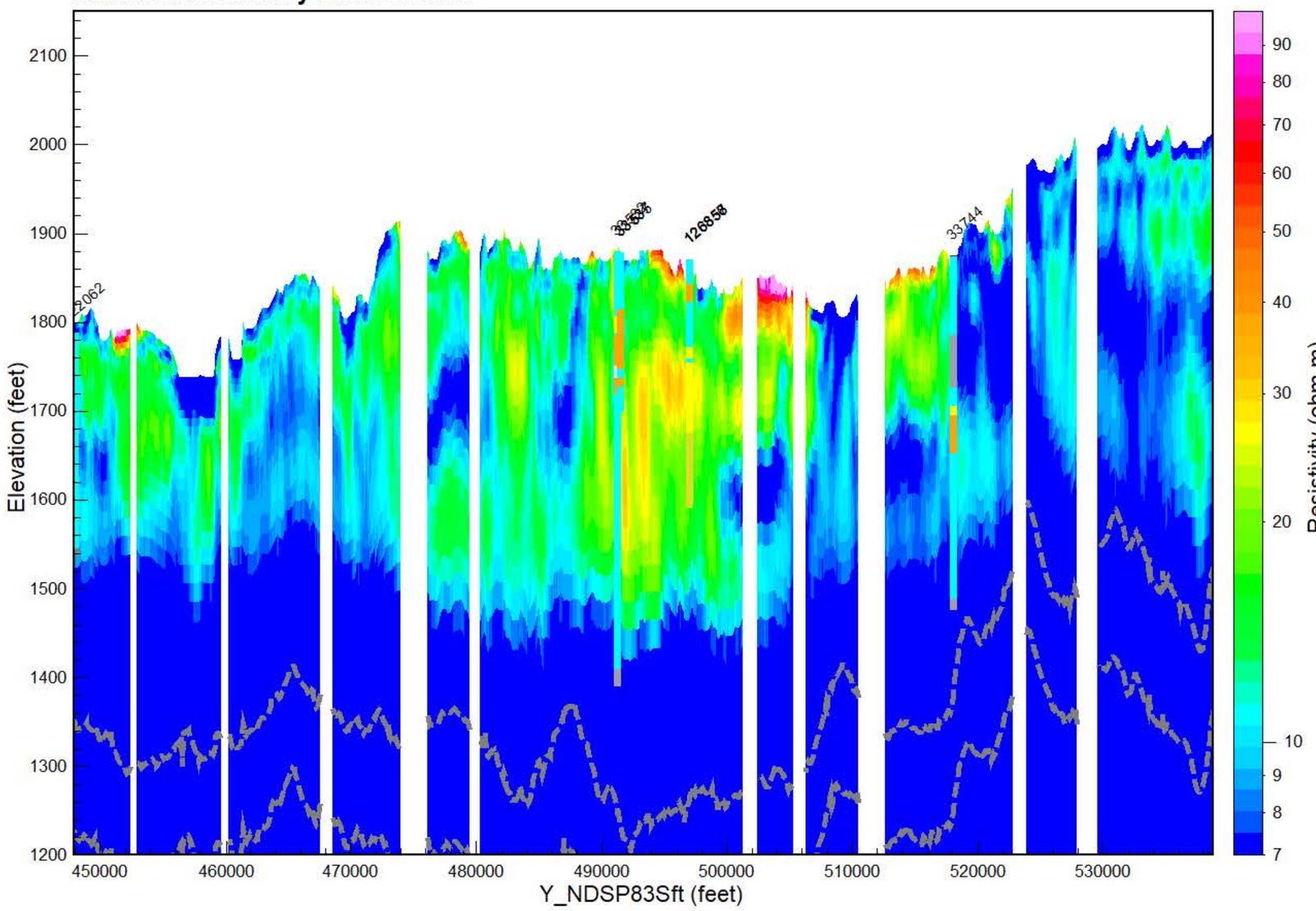
Flight Location Line L190902



AEM Survey Area 1



Final SCI Resistivity Line L190902



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

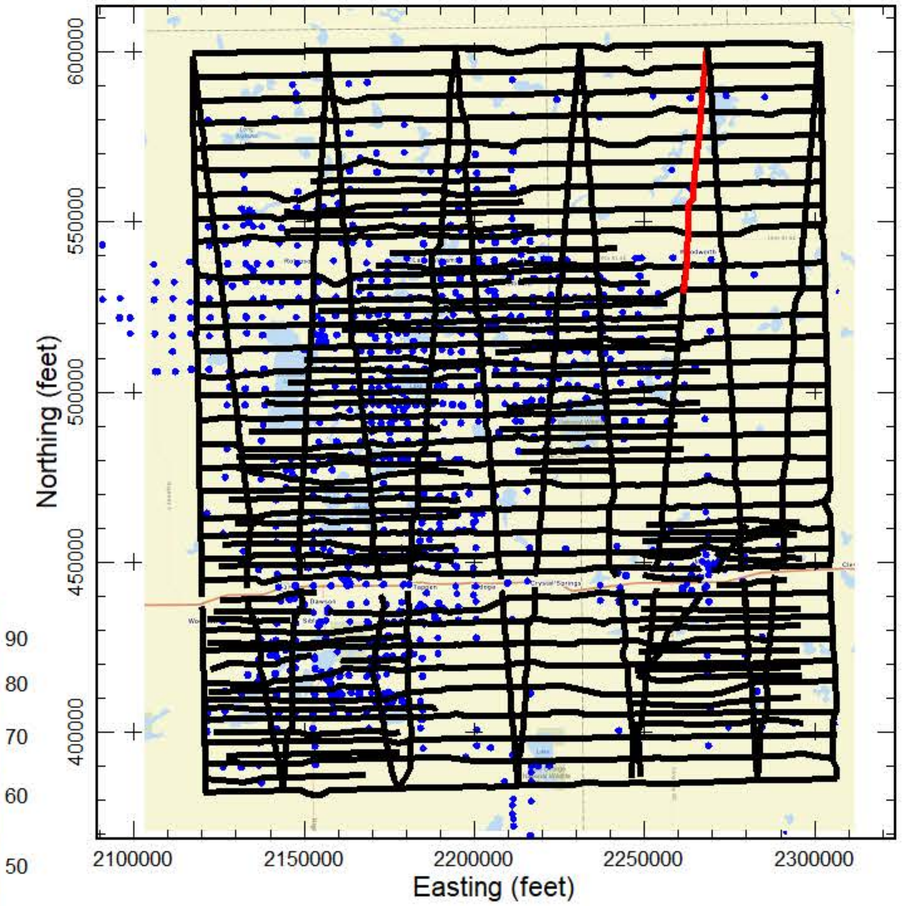
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

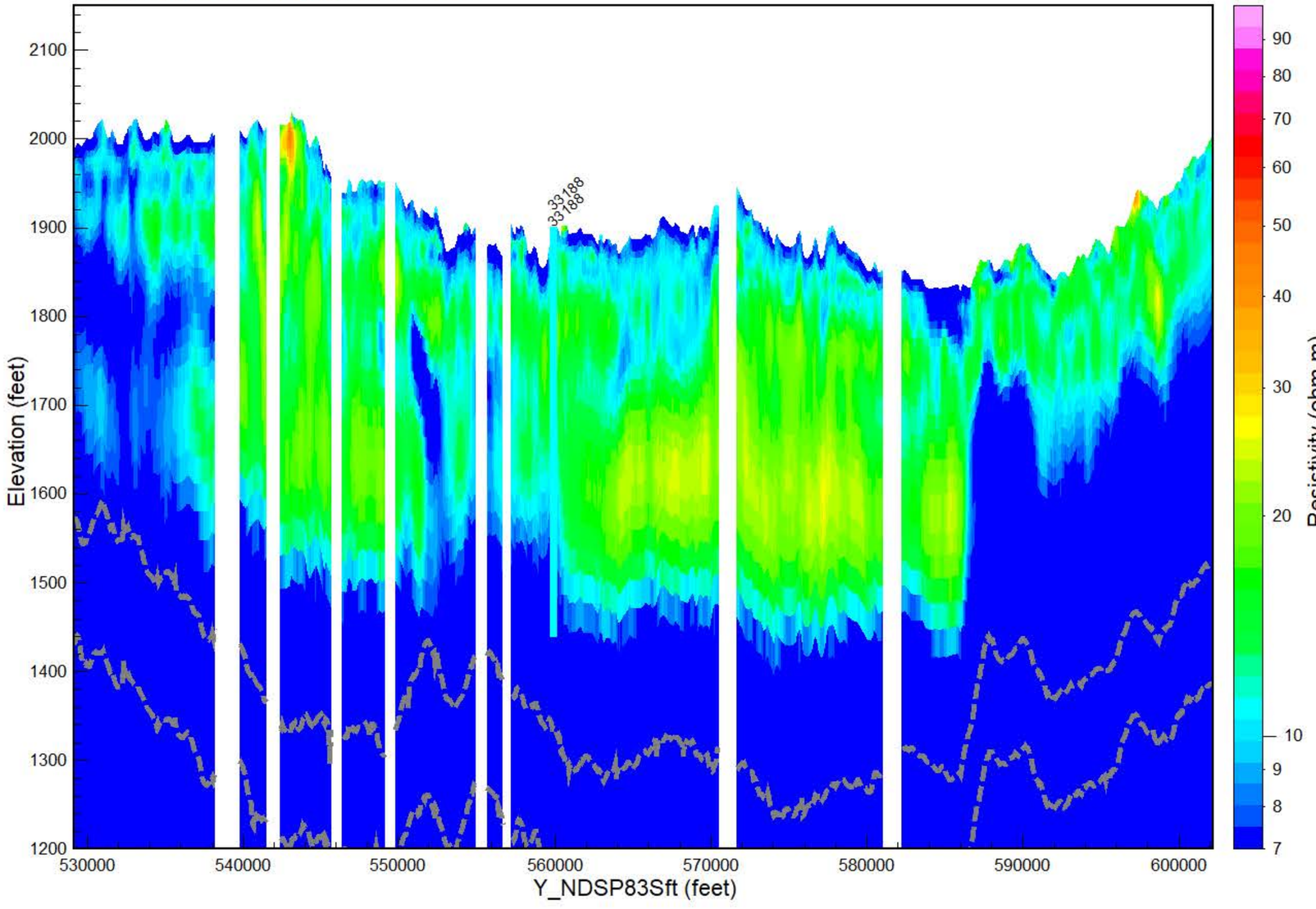
Flight Location Line L190903



AEM Survey Area 1



Final SCI Resistivity Line L190903



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

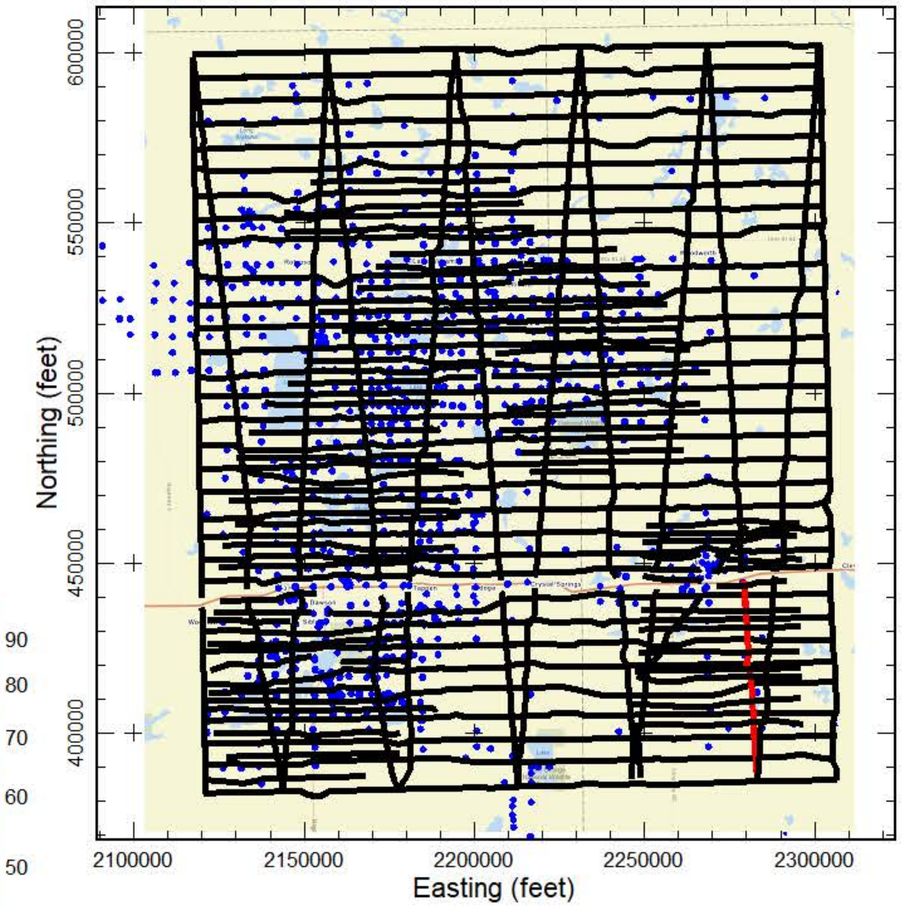
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

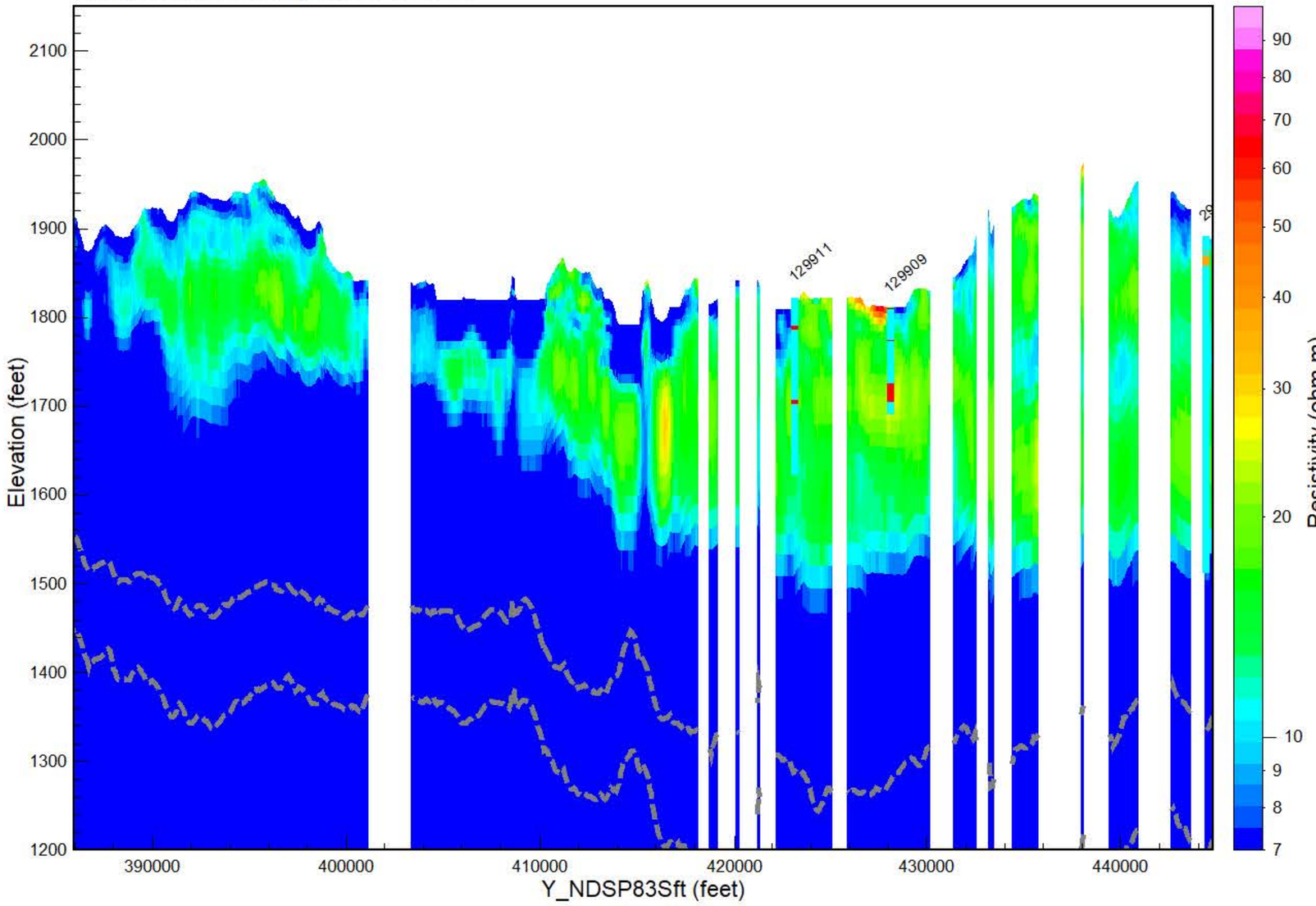
Flight Location Line L191001



AEM Survey Area 1



Final SCI Resistivity Line L191001

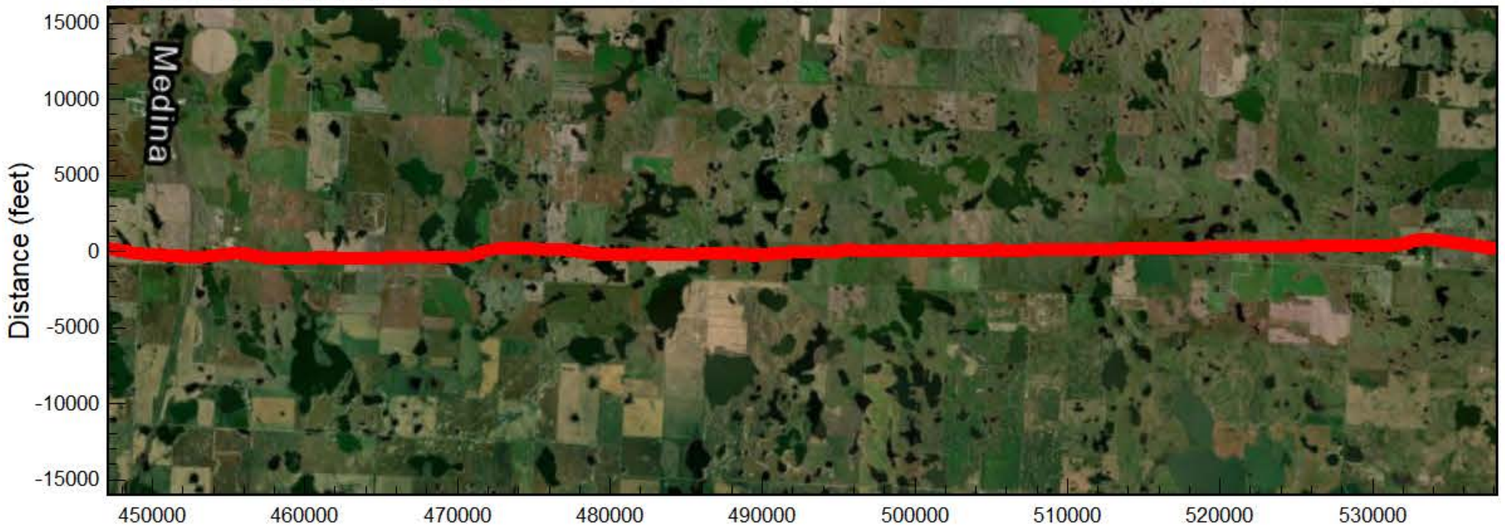


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

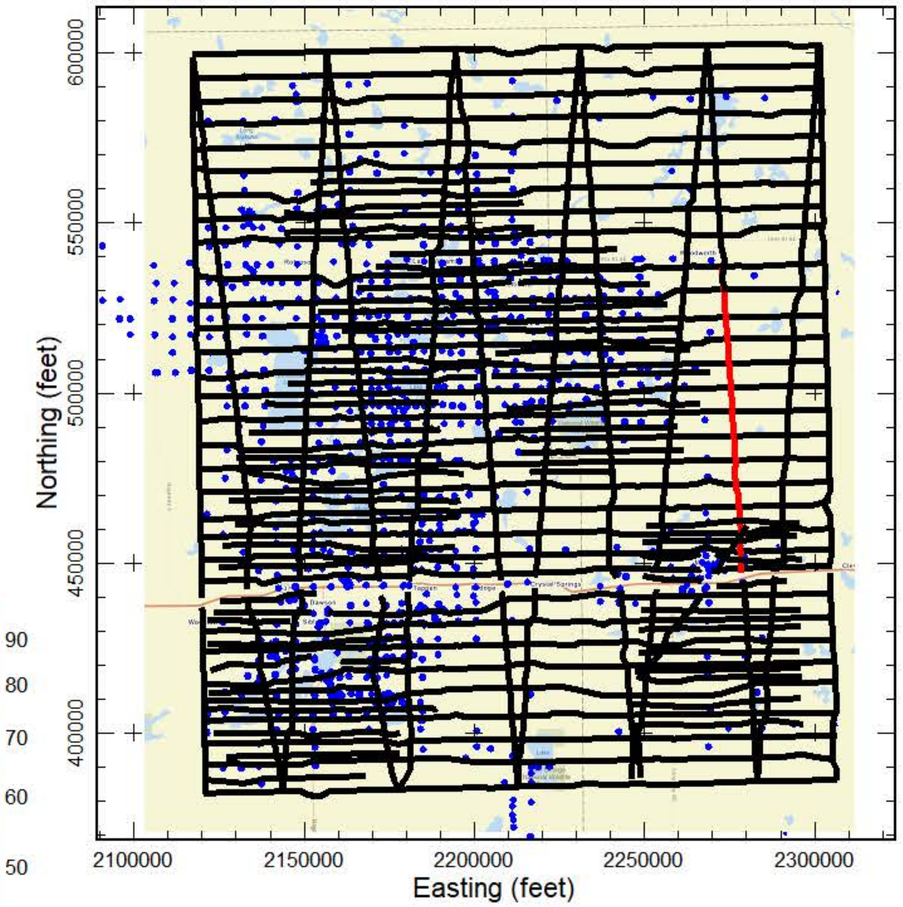
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

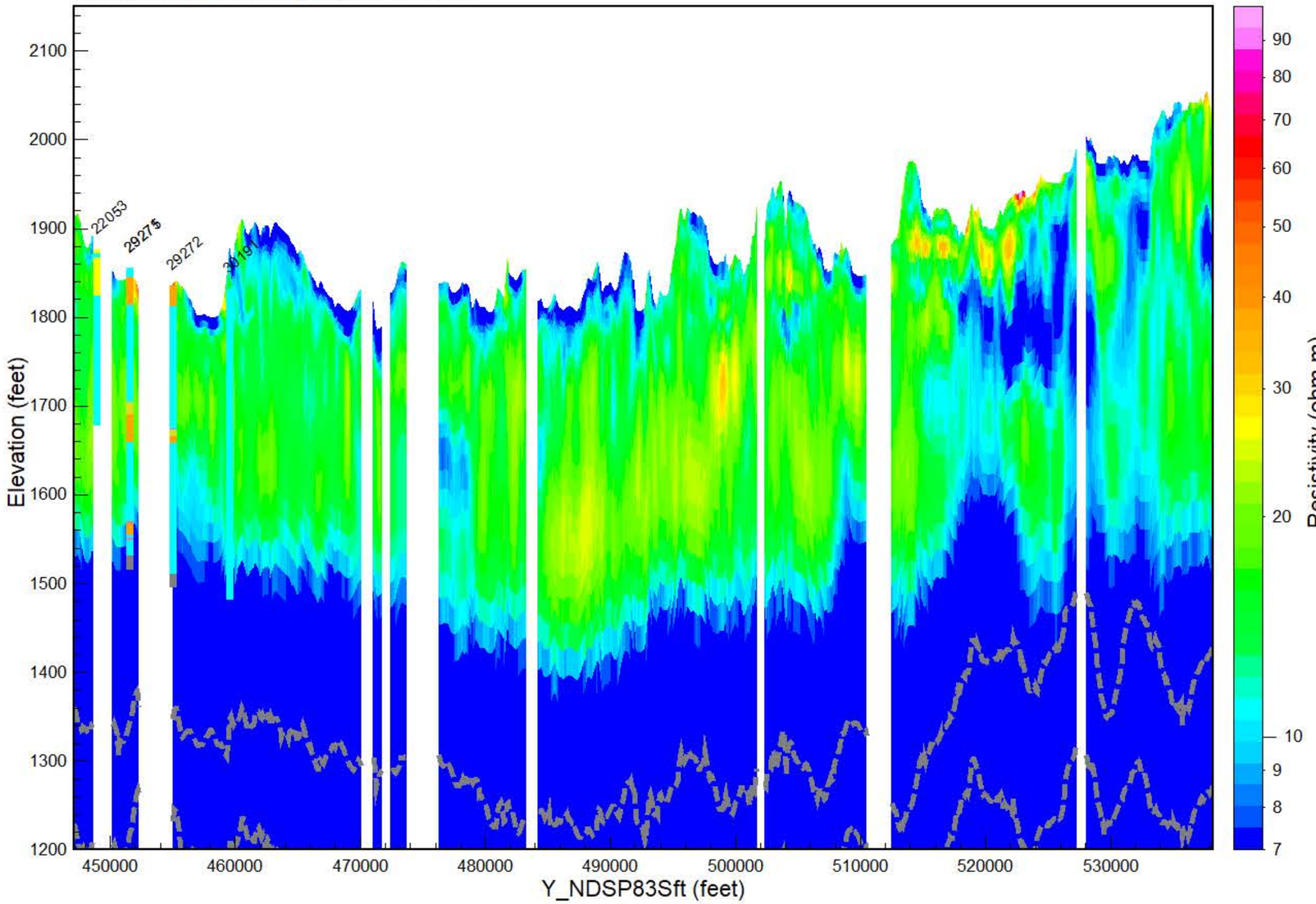
Flight Location Line L191002



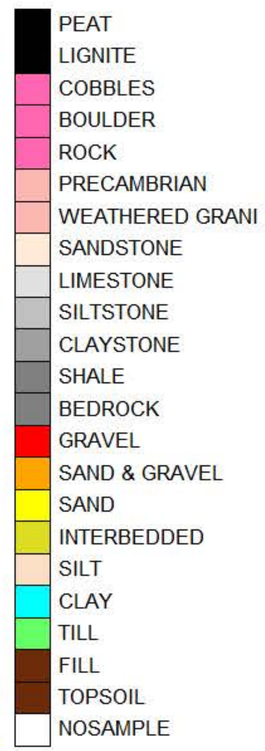
AEM Survey Area 1



Final SCI Resistivity Line L191002

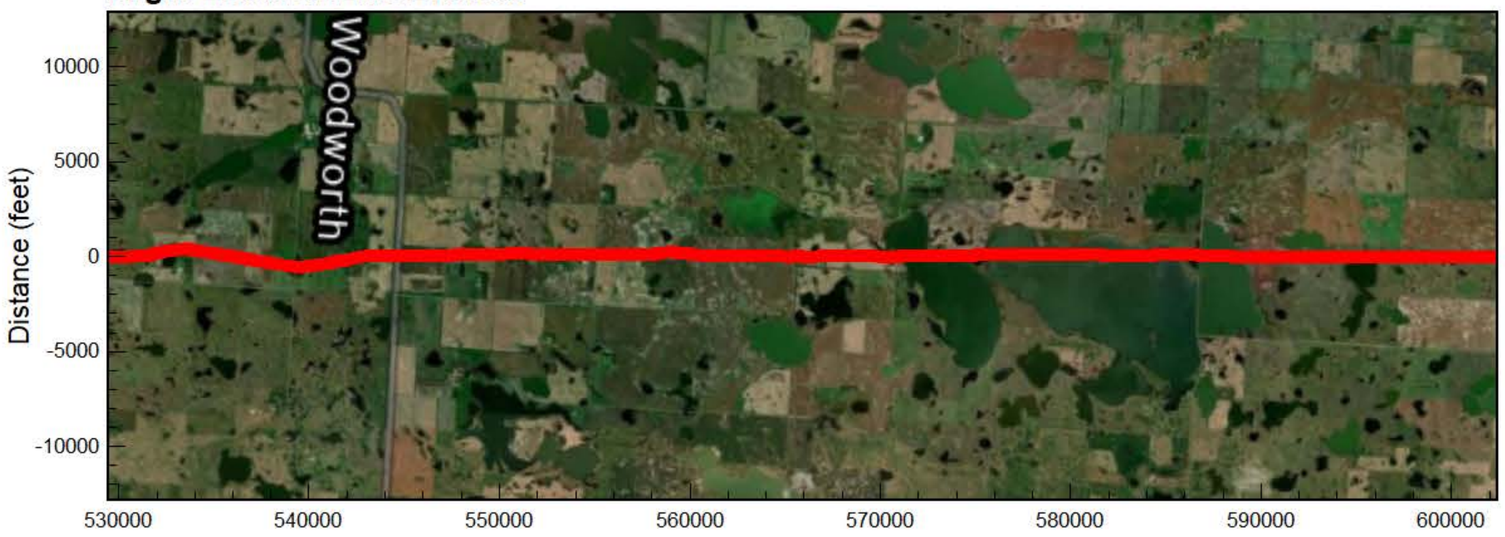


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

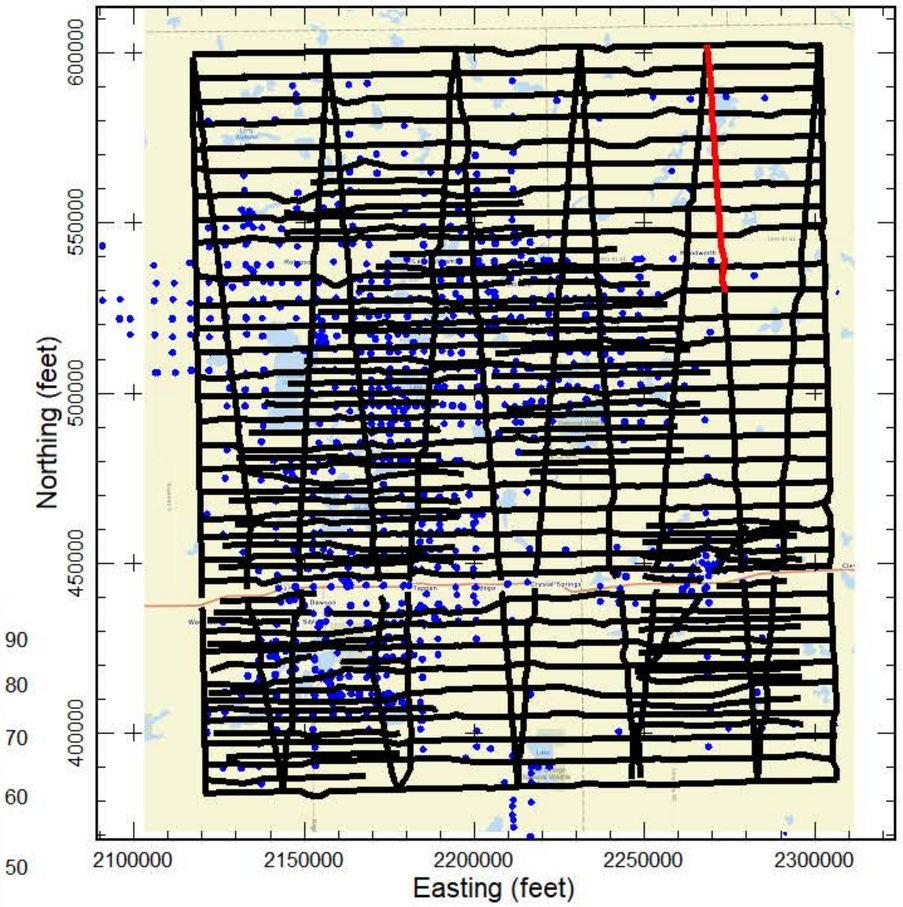


AGF
Aqua Geo Frameworks

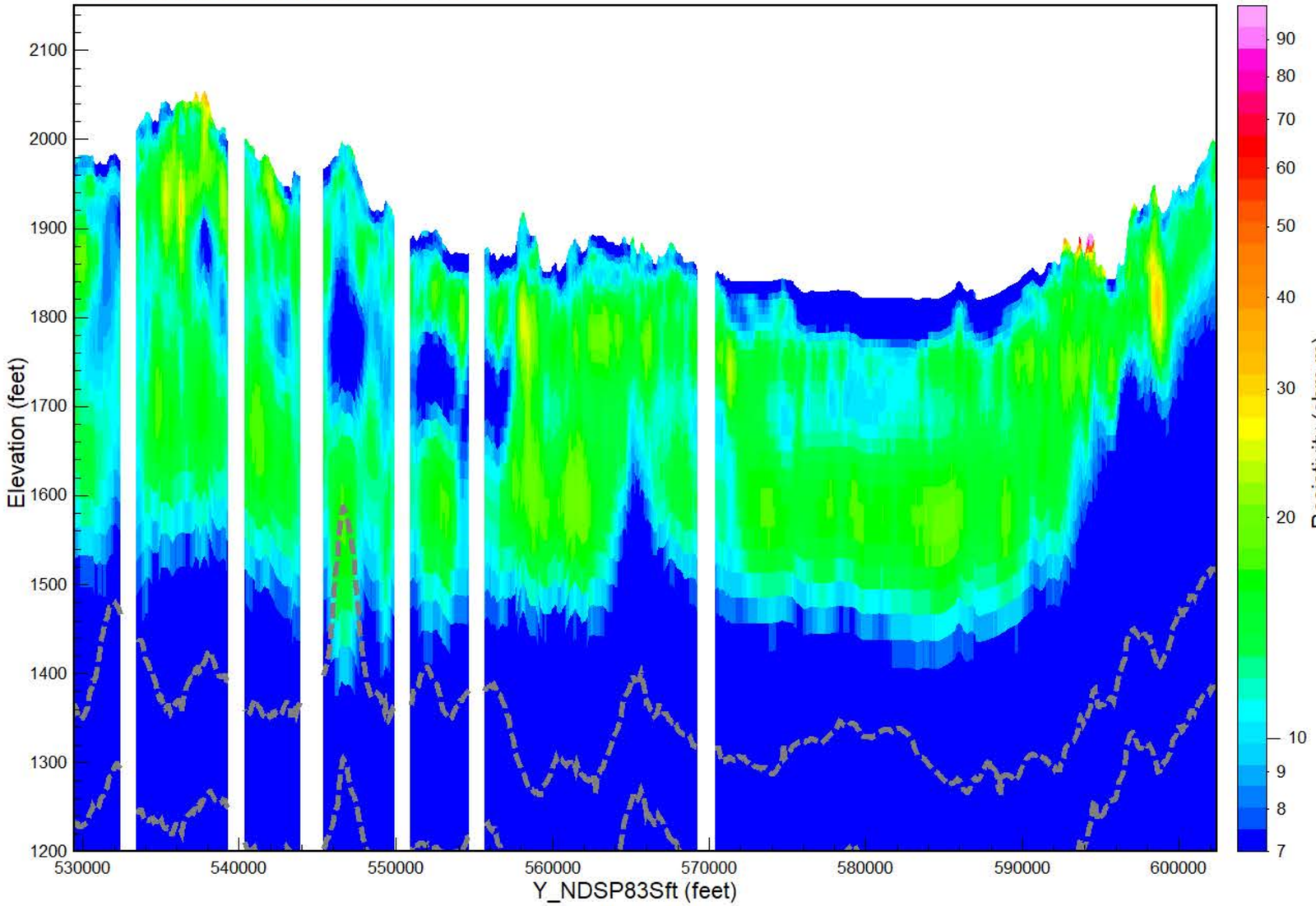
Flight Location Line L191003



AEM Survey Area 1



Final SCI Resistivity Line L191003

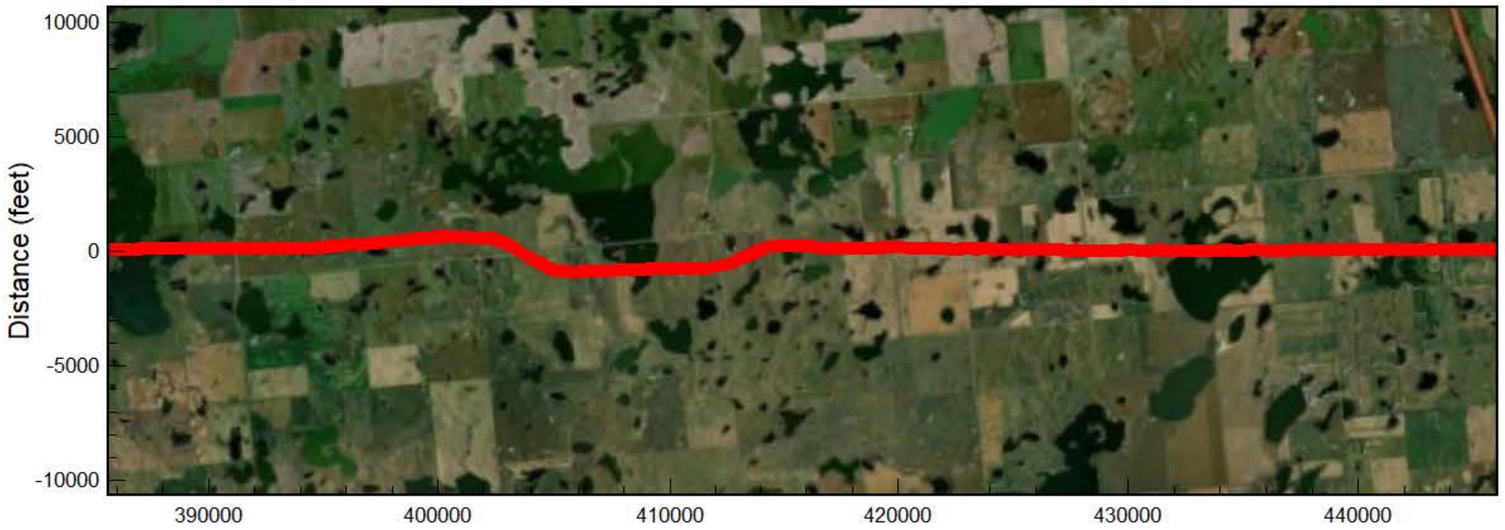


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

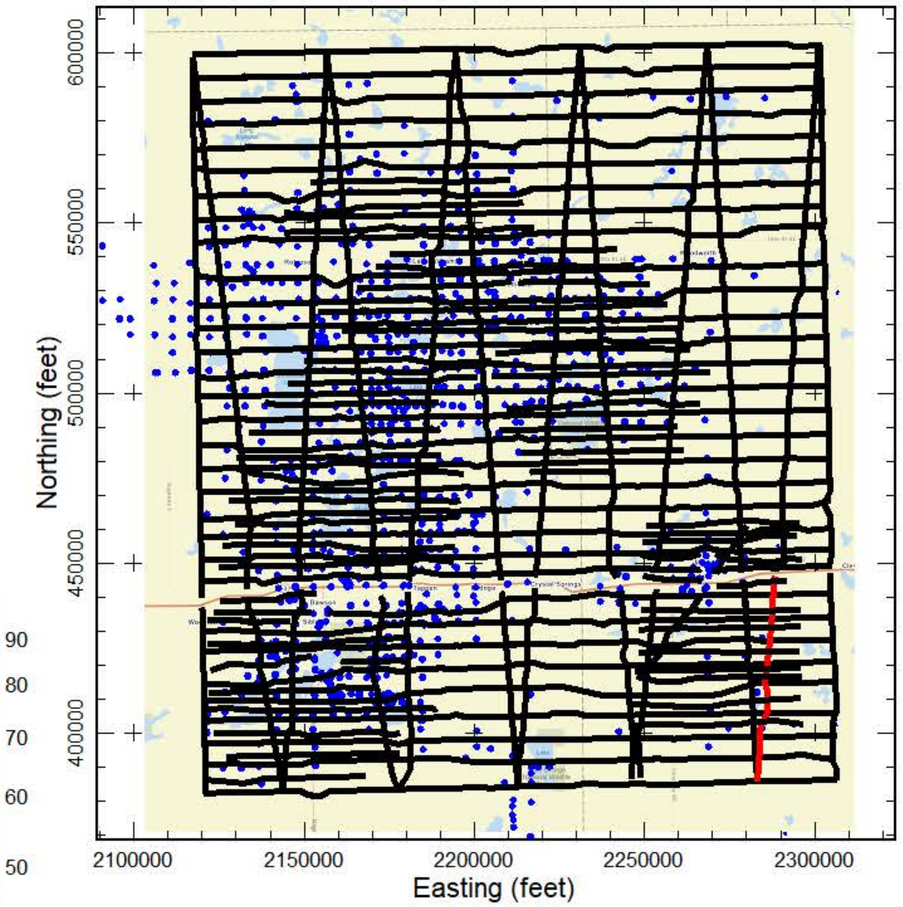
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

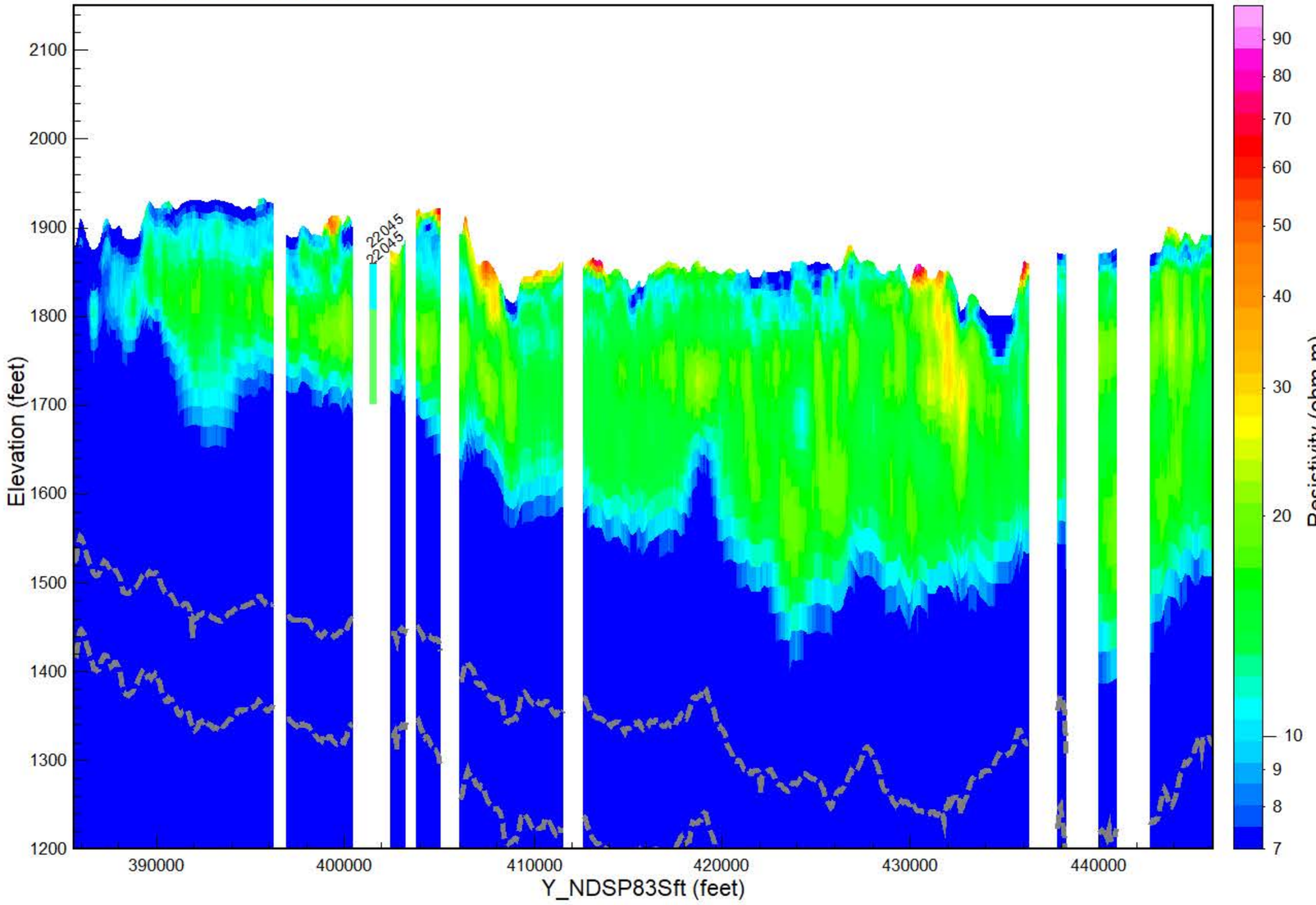
Flight Location Line L191101



AEM Survey Area 1



Final SCI Resistivity Line L191101

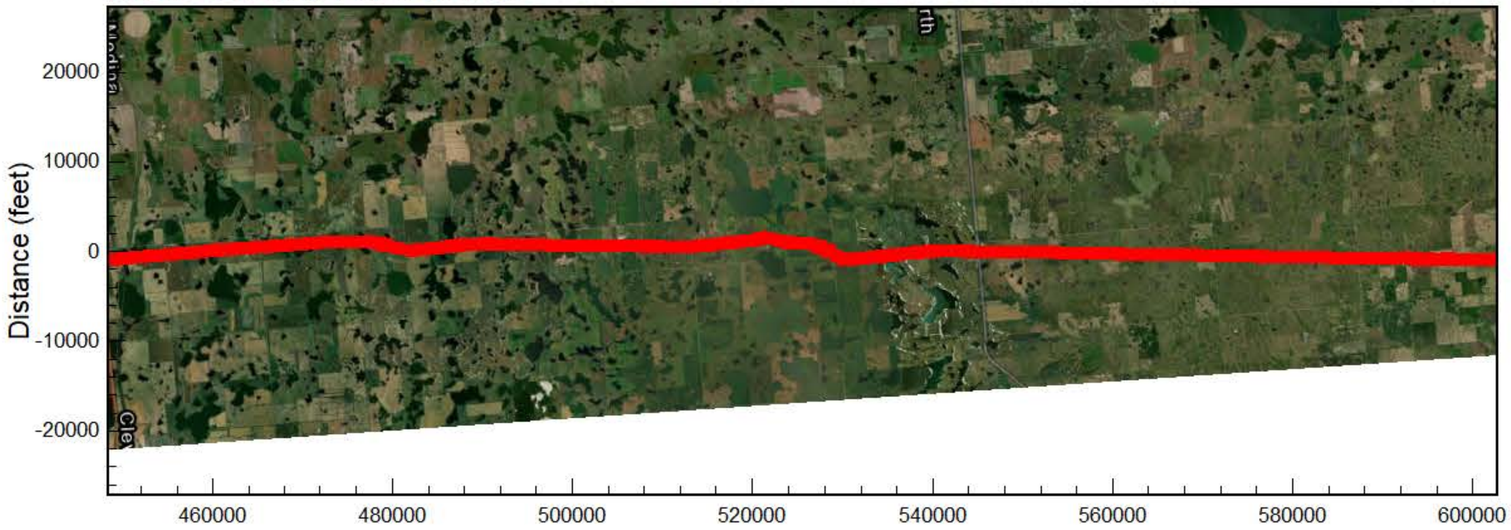


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

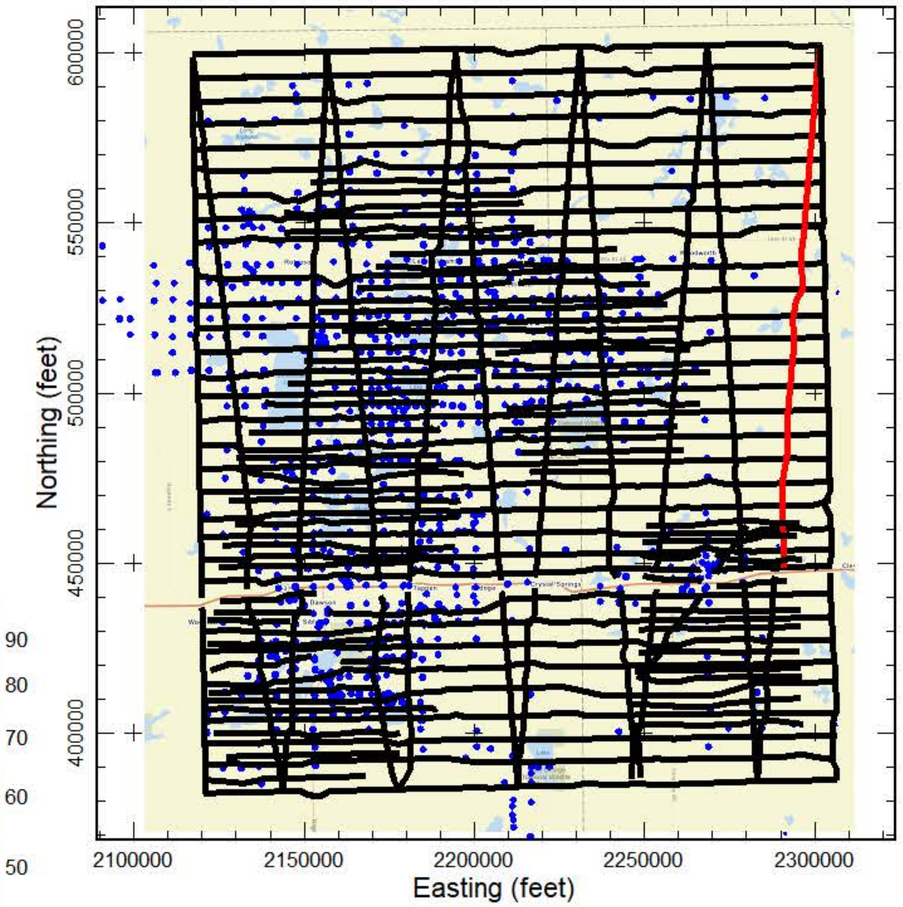
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

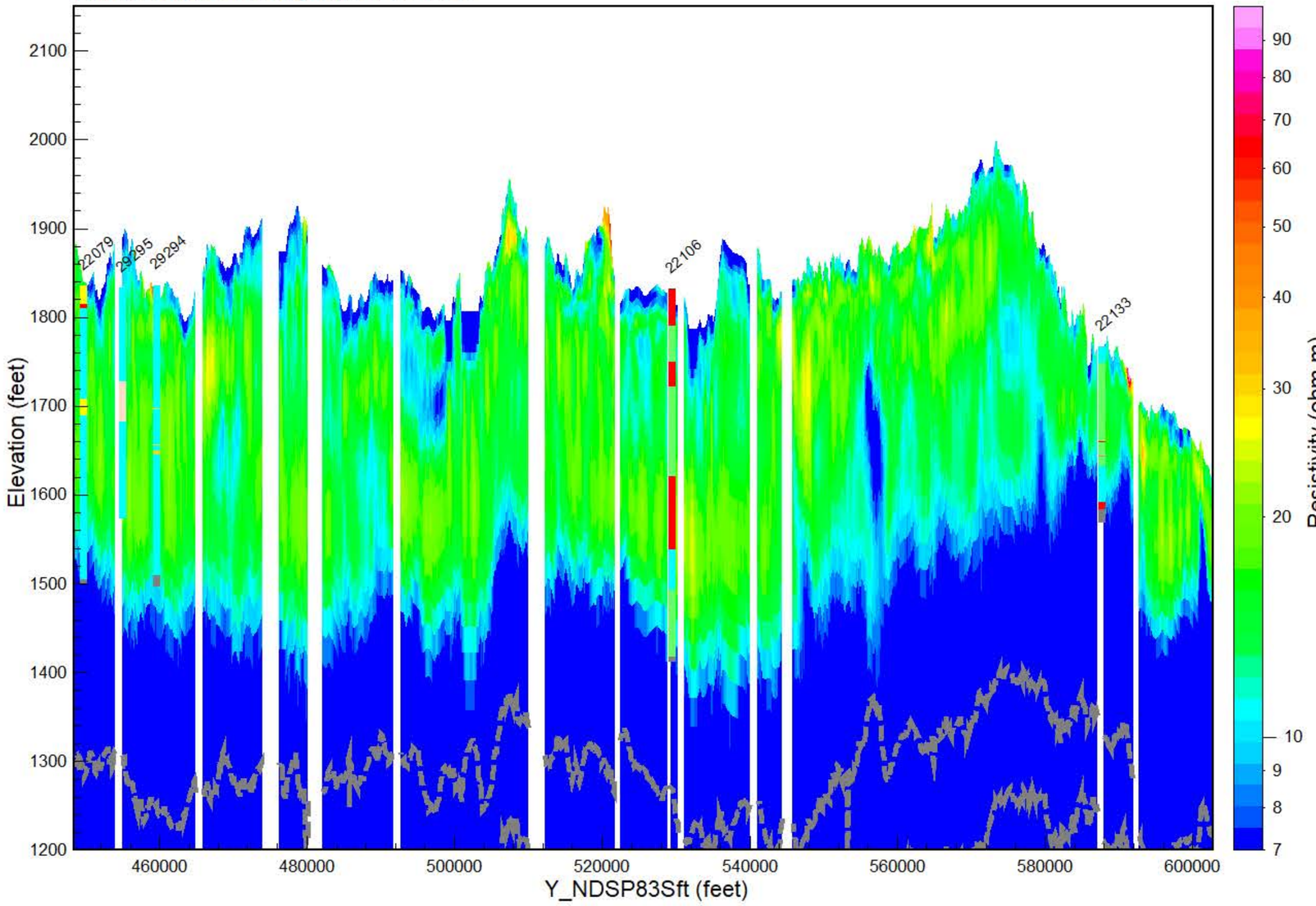
Flight Location Line L191102



AEM Survey Area 1



Final SCI Resistivity Line L191102

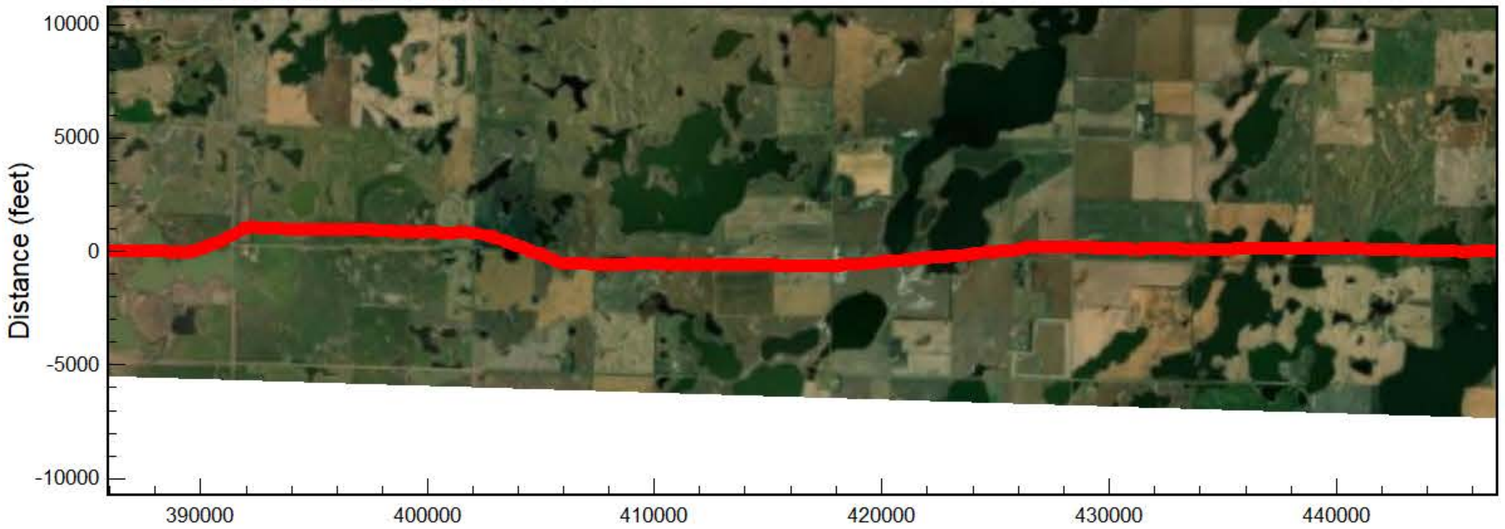


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

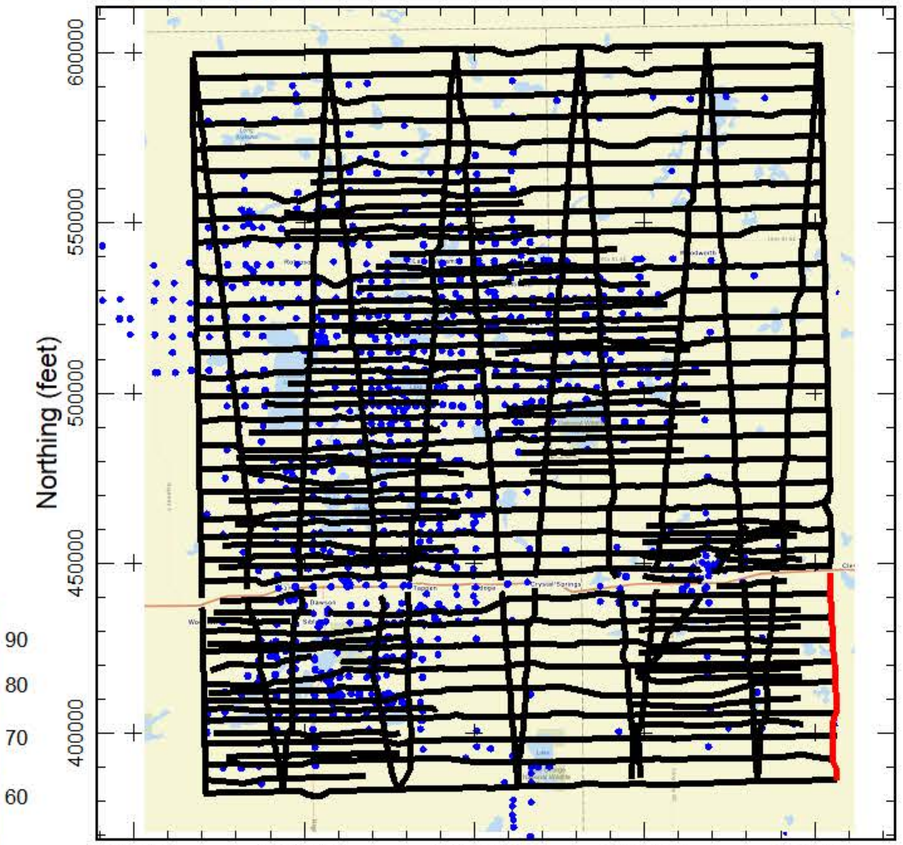
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

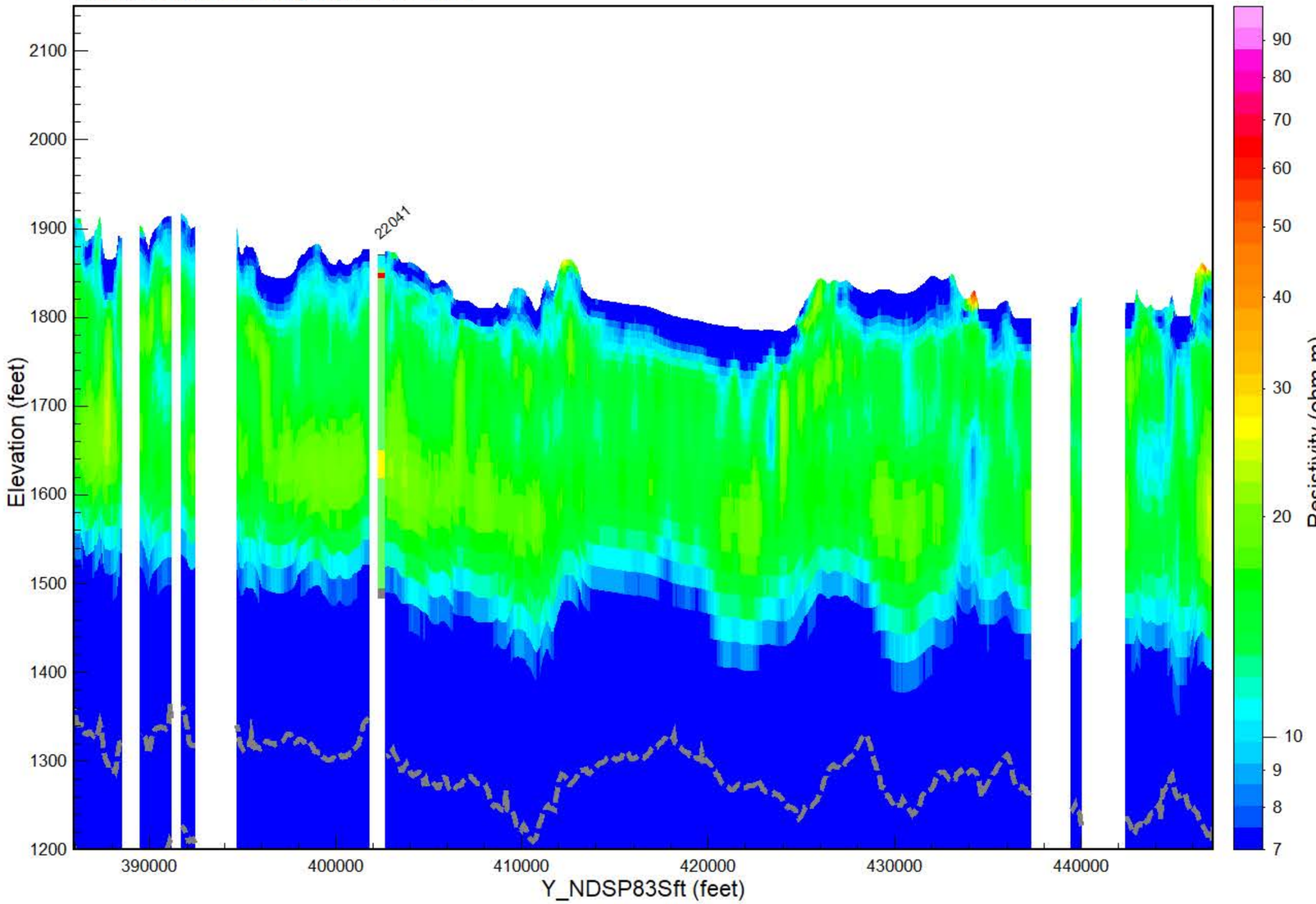
Flight Location Line L191201



AEM Survey Area 1



Final SCI Resistivity Line L191201

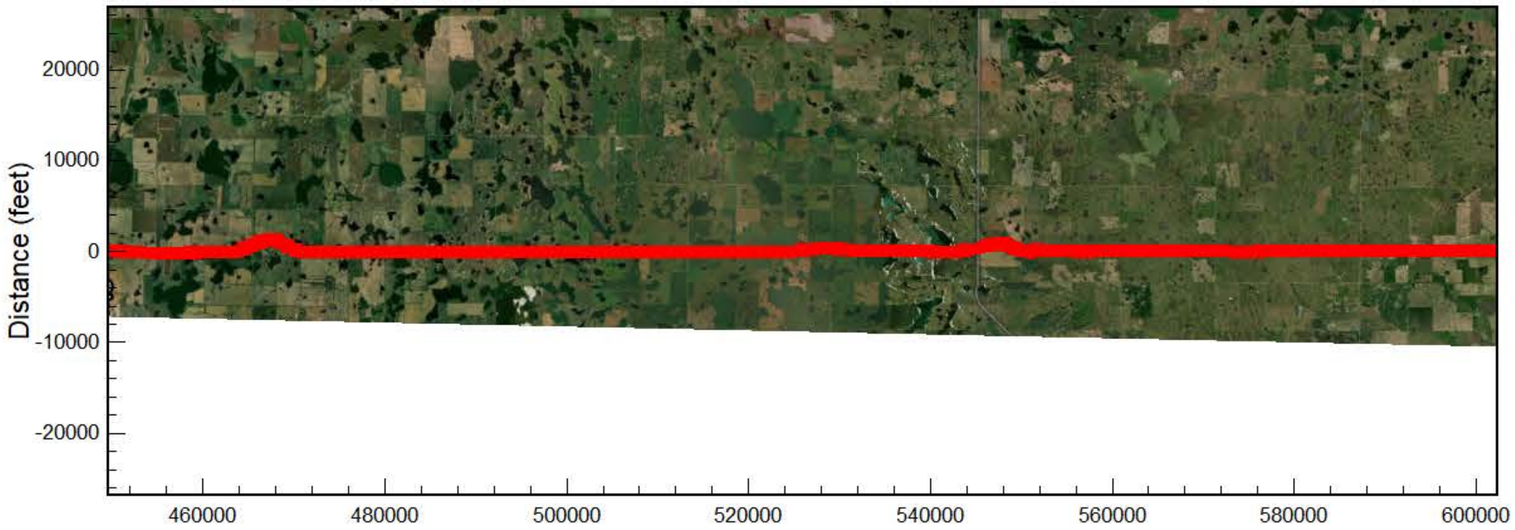


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

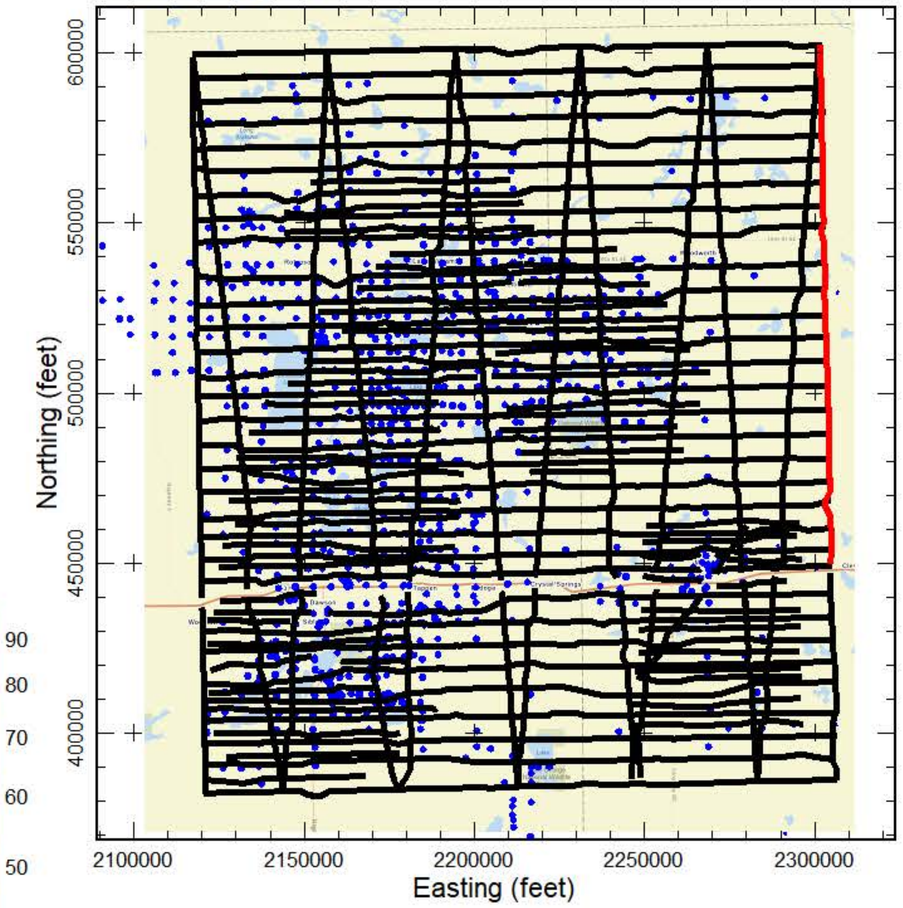
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

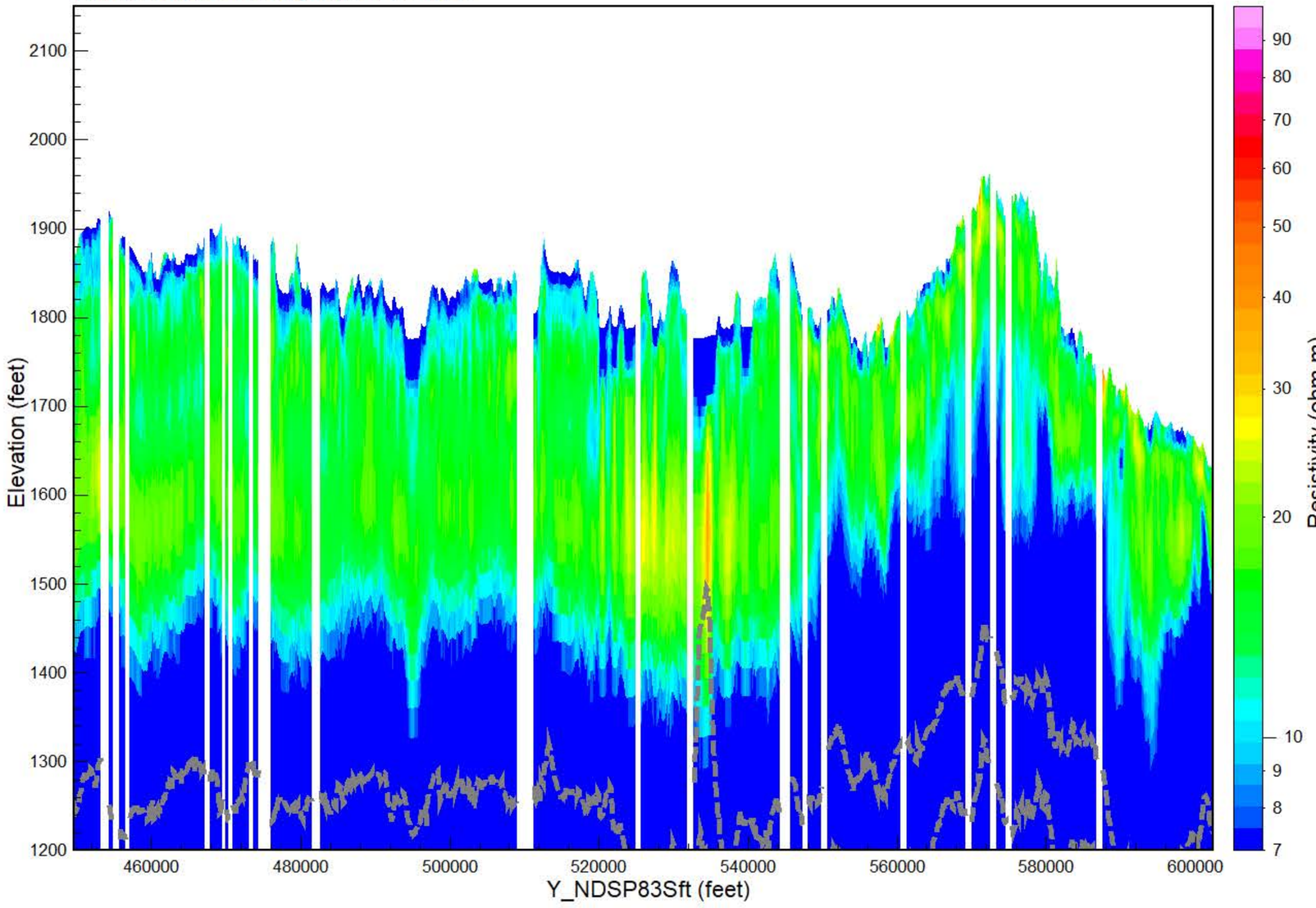
Flight Location Line L191202



AEM Survey Area 1



Final SCI Resistivity Line L191202



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

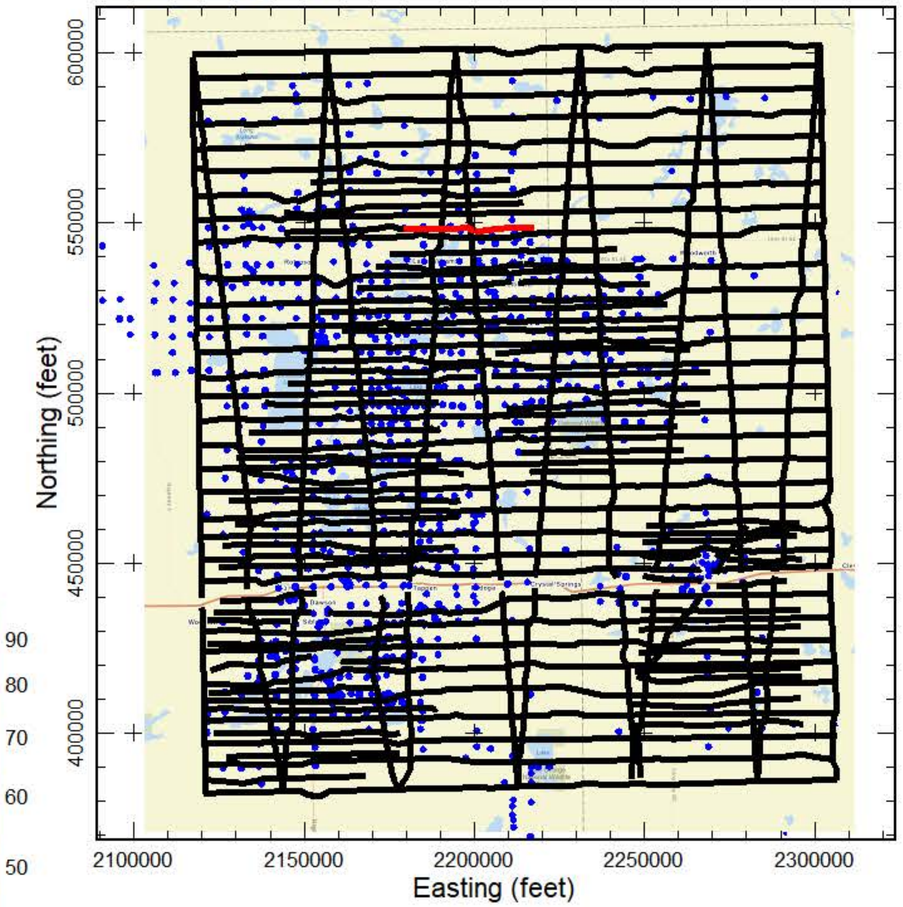
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

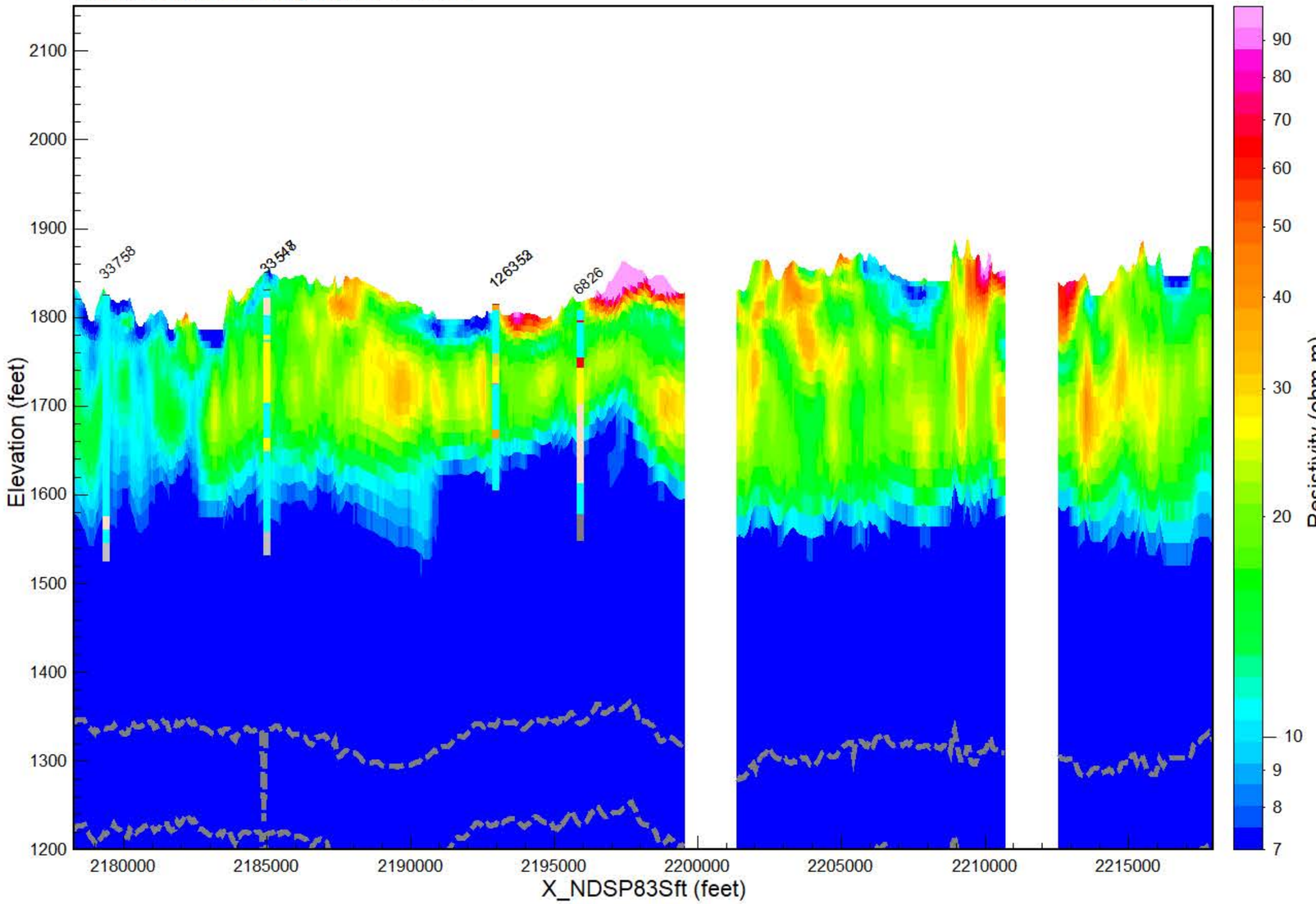
Flight Location Line L500101



AEM Survey Area 1



Final SCI Resistivity Line L500101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

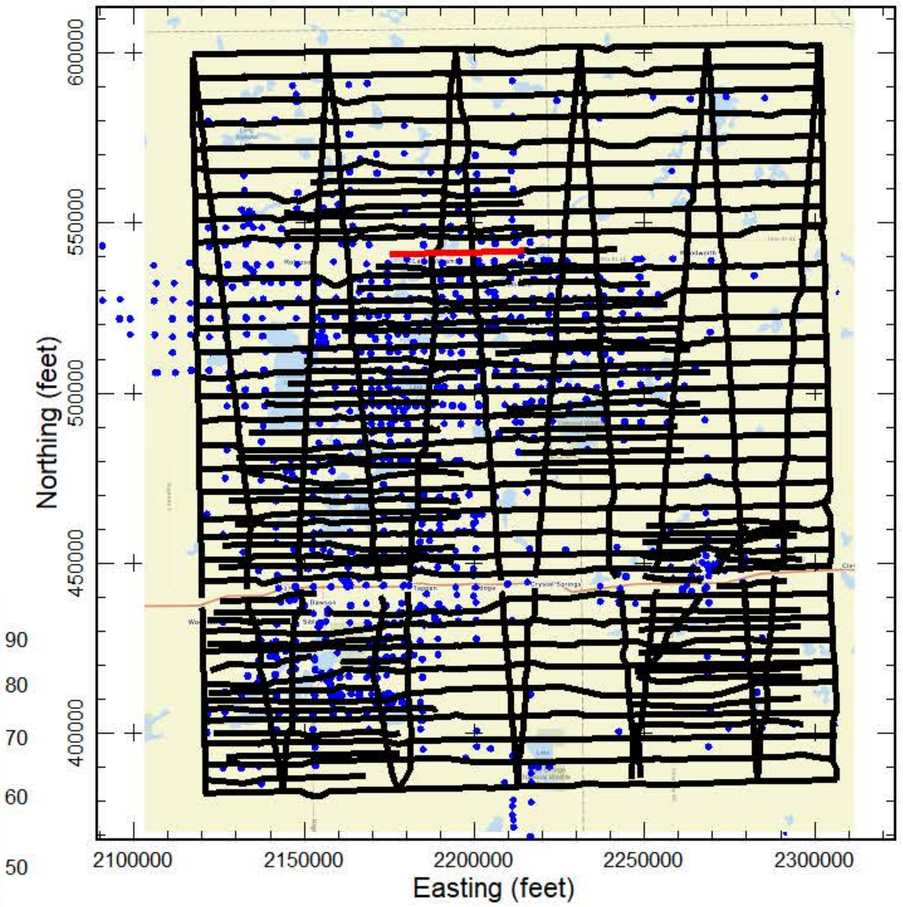
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

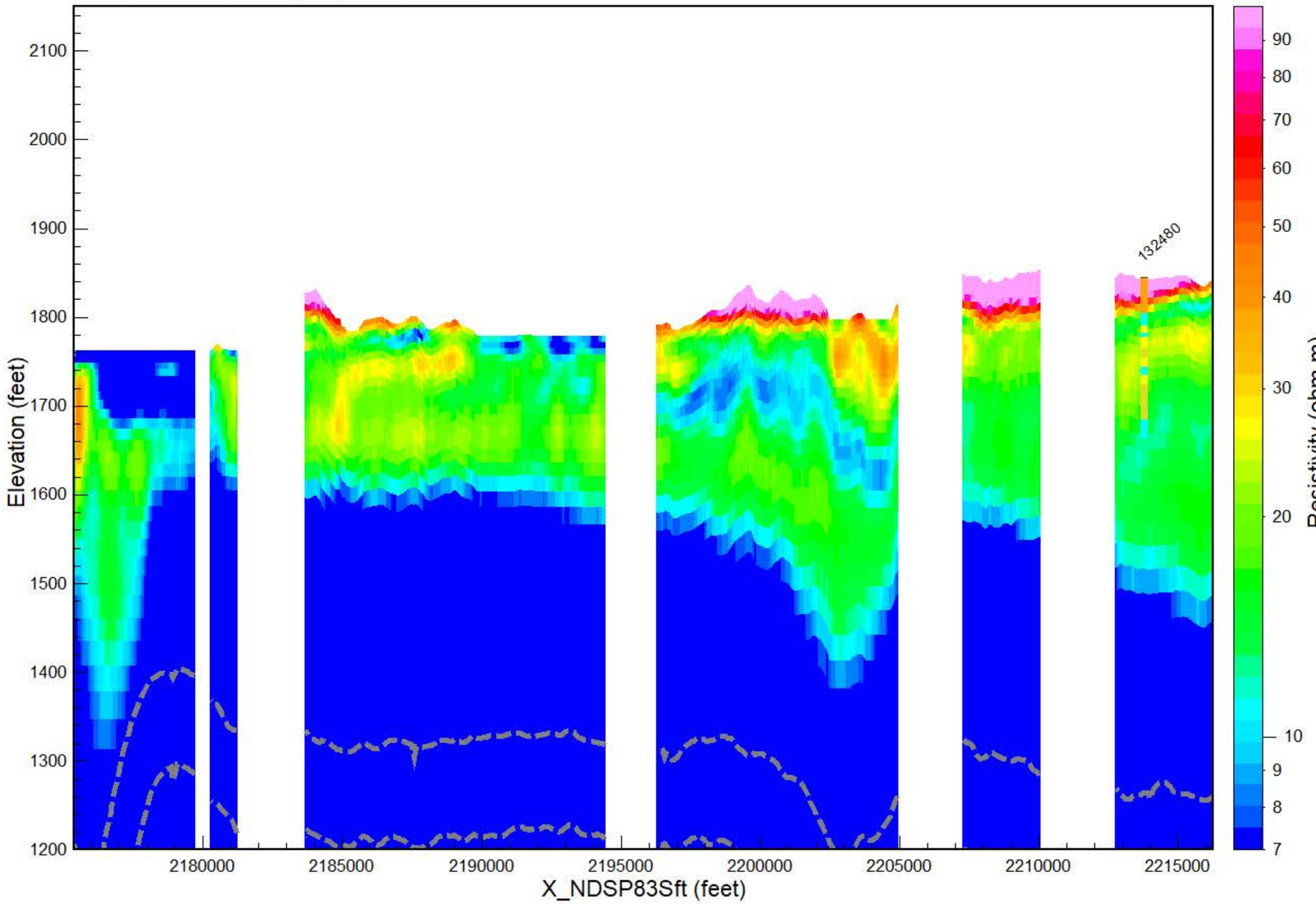
Flight Location Line L500201



AEM Survey Area 1



Final SCI Resistivity Line L500201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

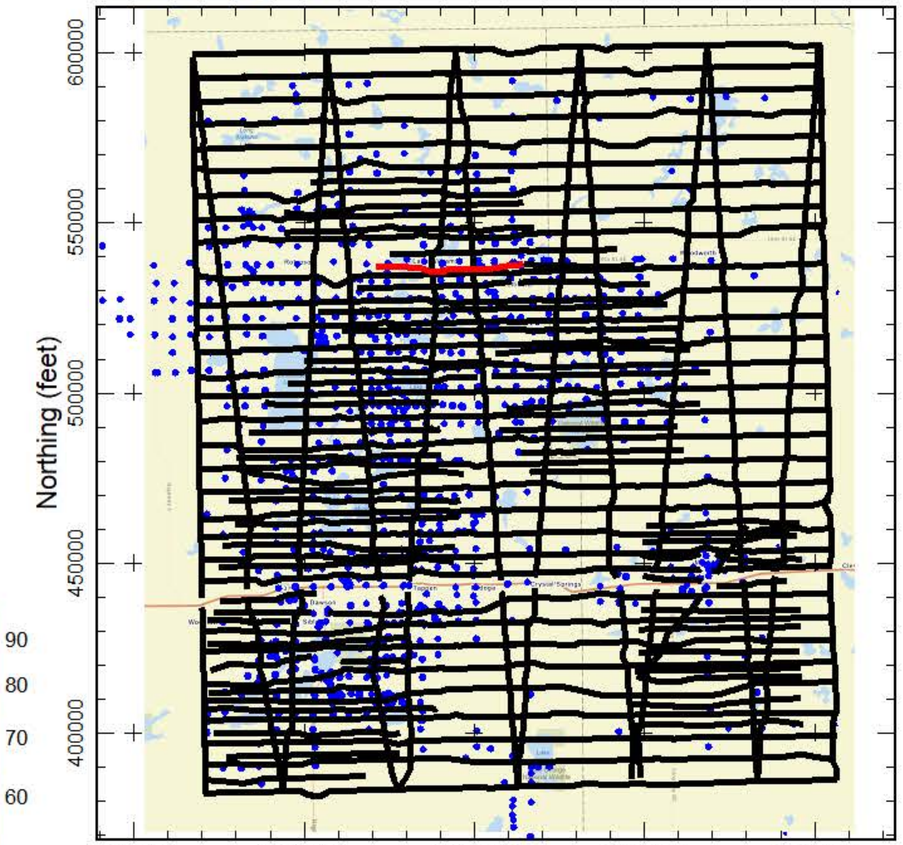
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

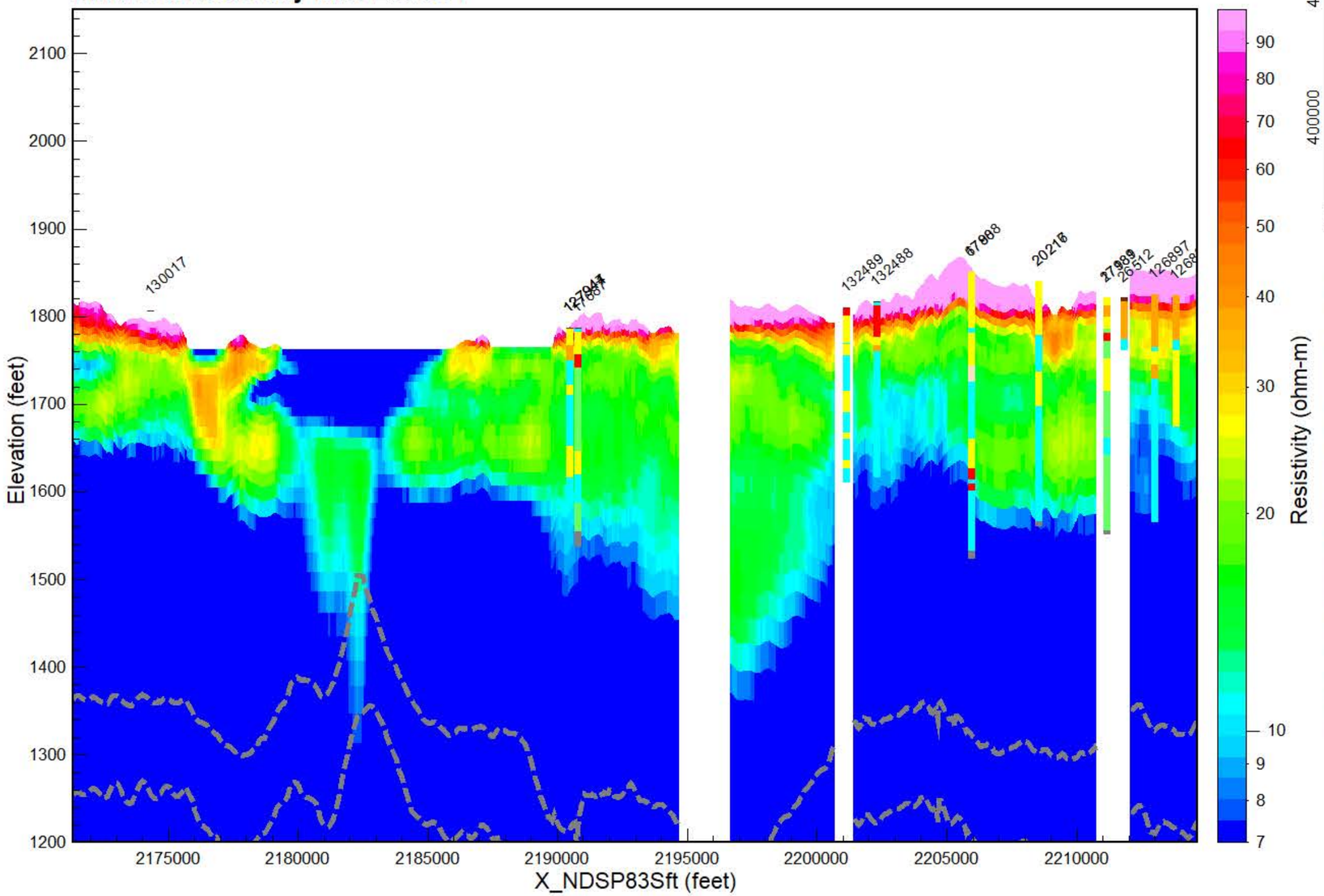
Flight Location Line L500301



AEM Survey Area 1



Final SCI Resistivity Line L500301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

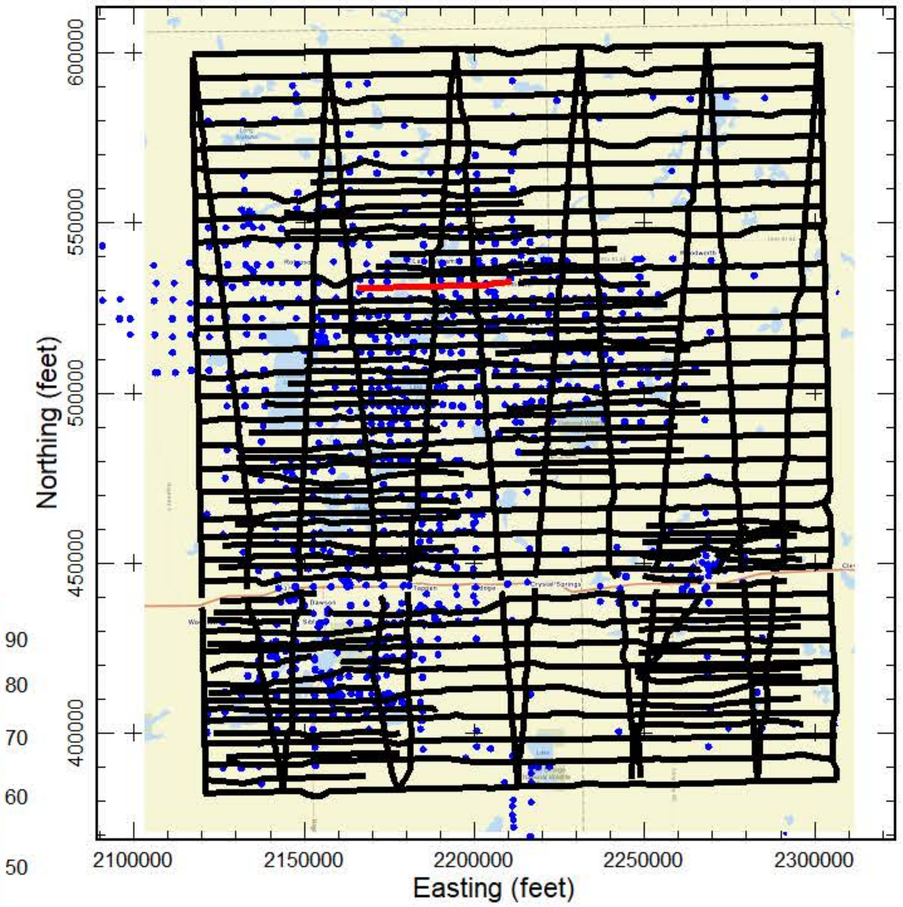
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

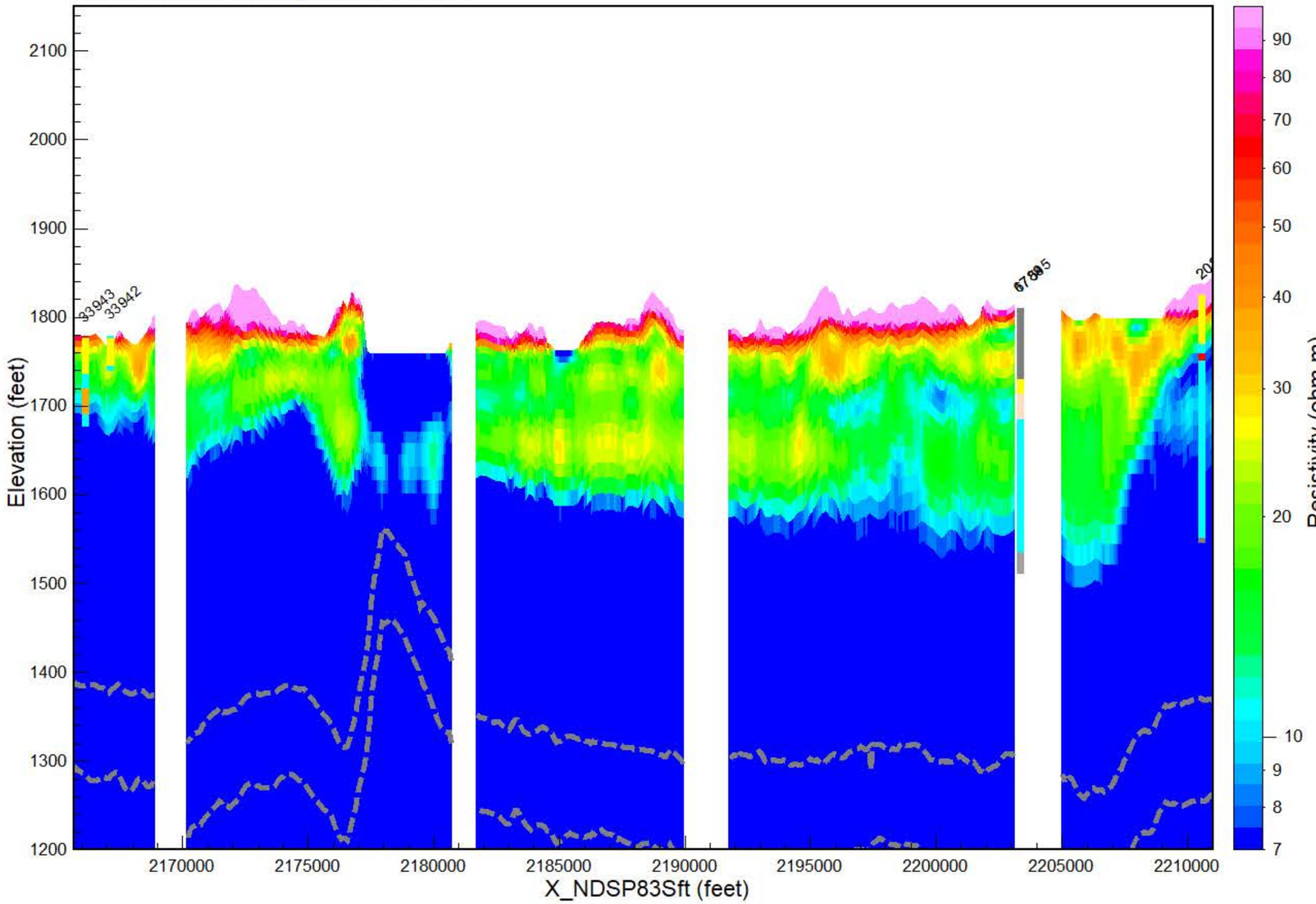
Flight Location Line L500401



AEM Survey Area 1



Final SCI Resistivity Line L500401

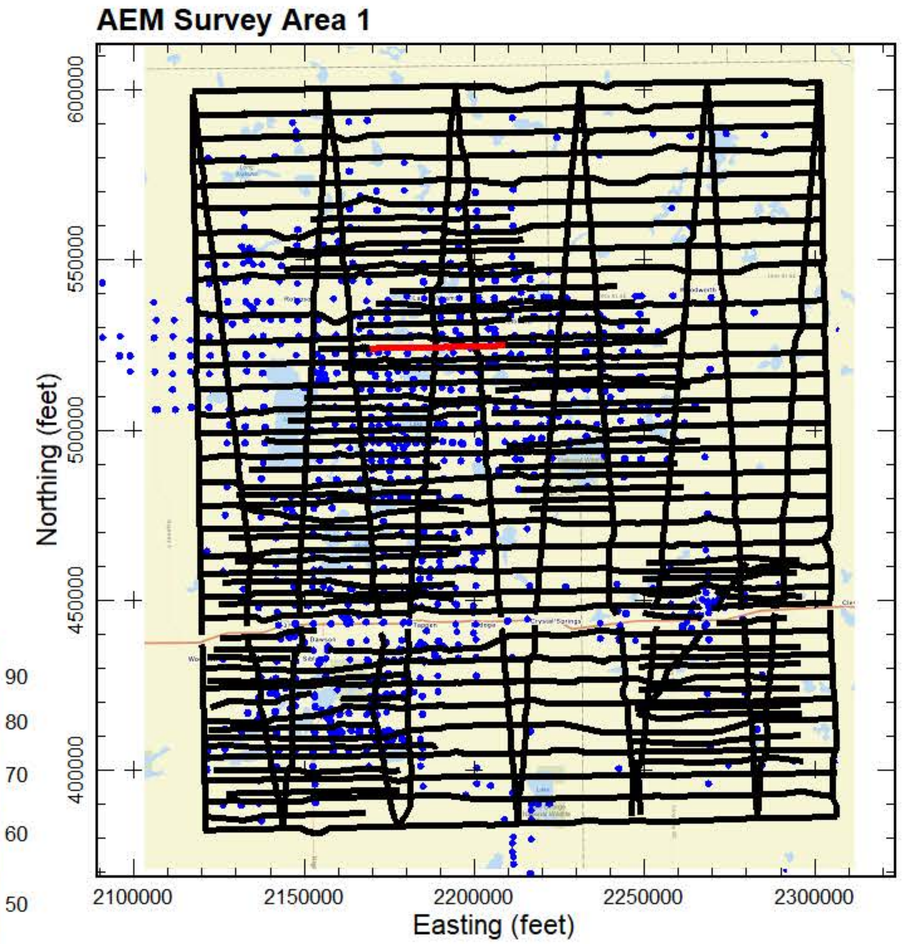


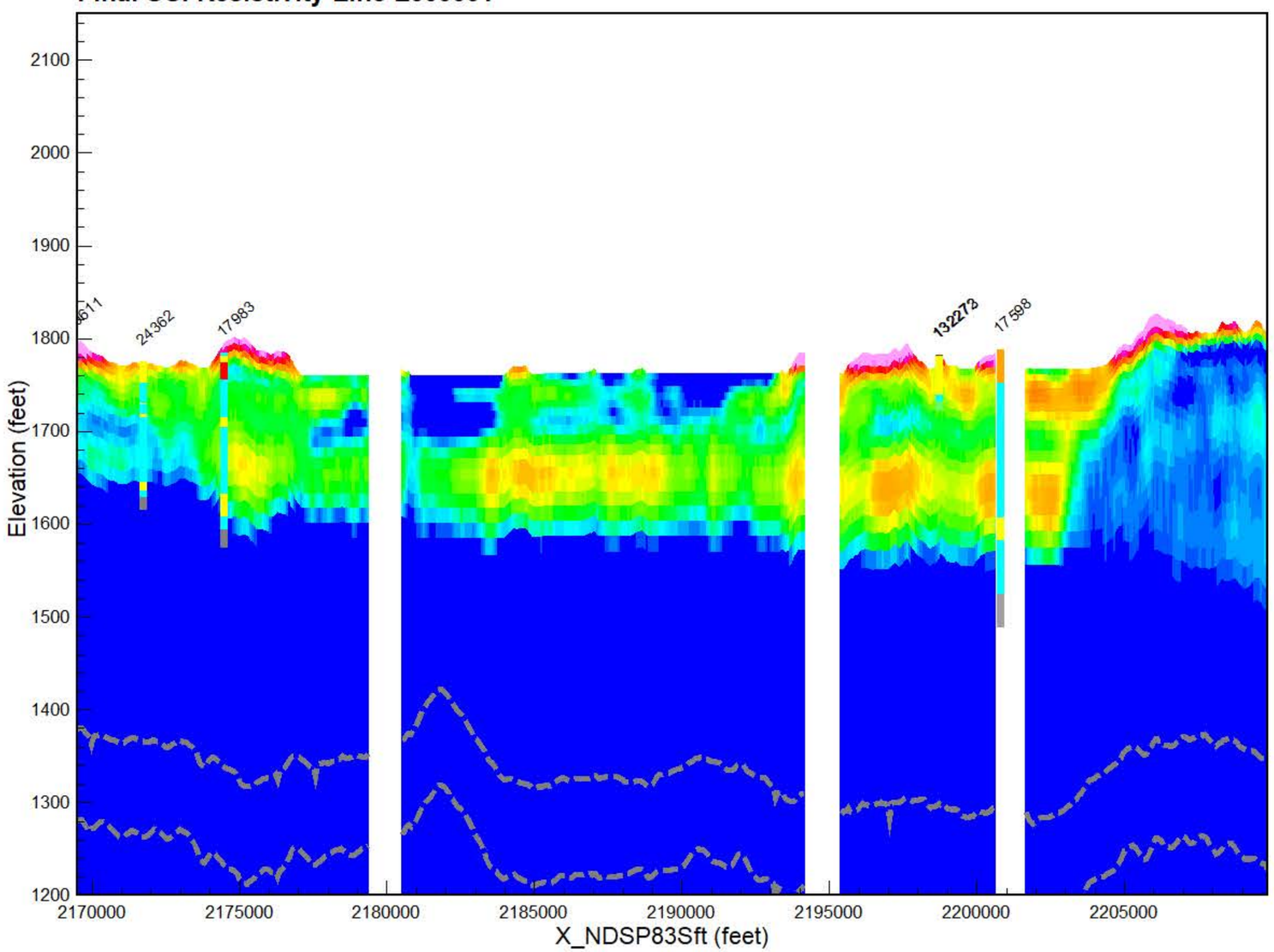
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks







Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

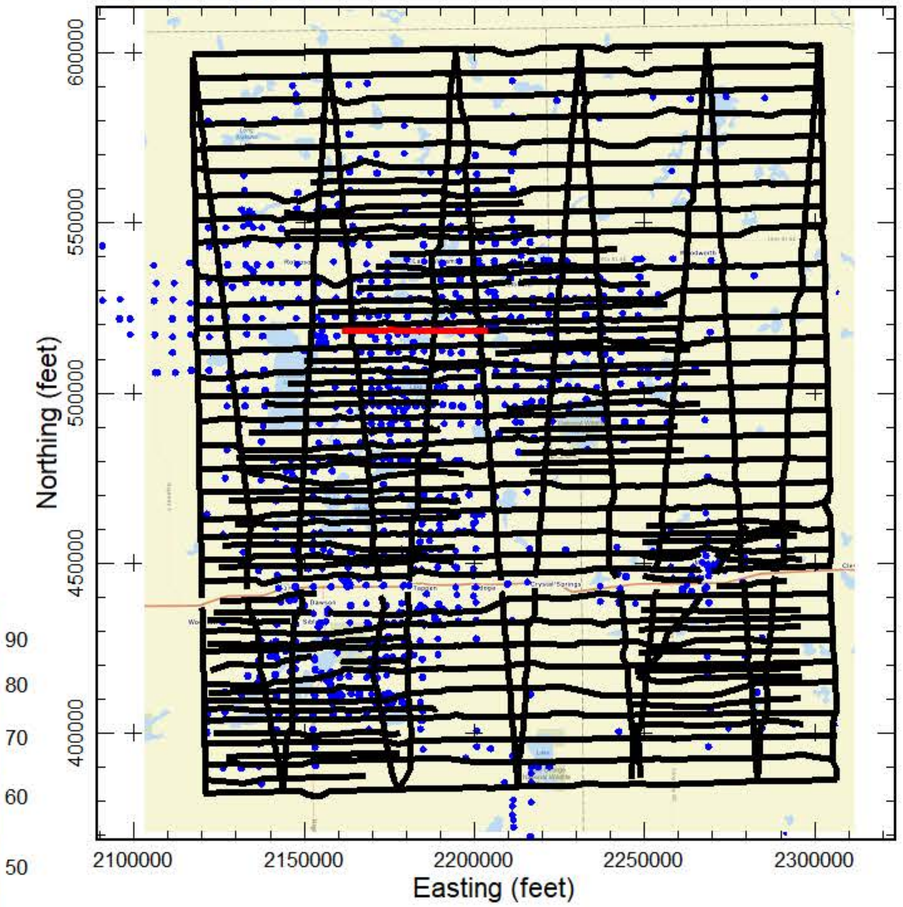
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

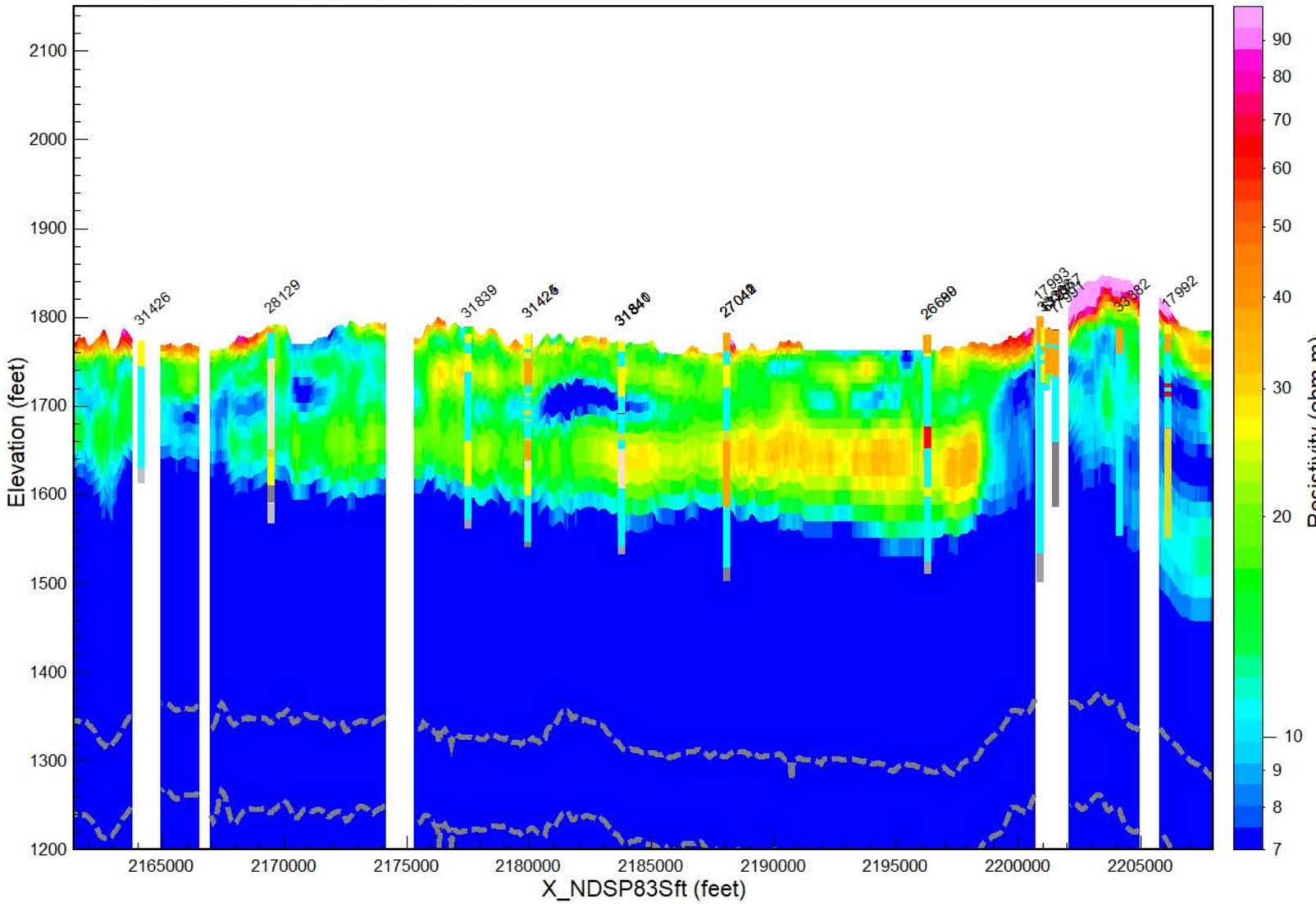
Flight Location Line L500601



AEM Survey Area 1



Final SCI Resistivity Line L500601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

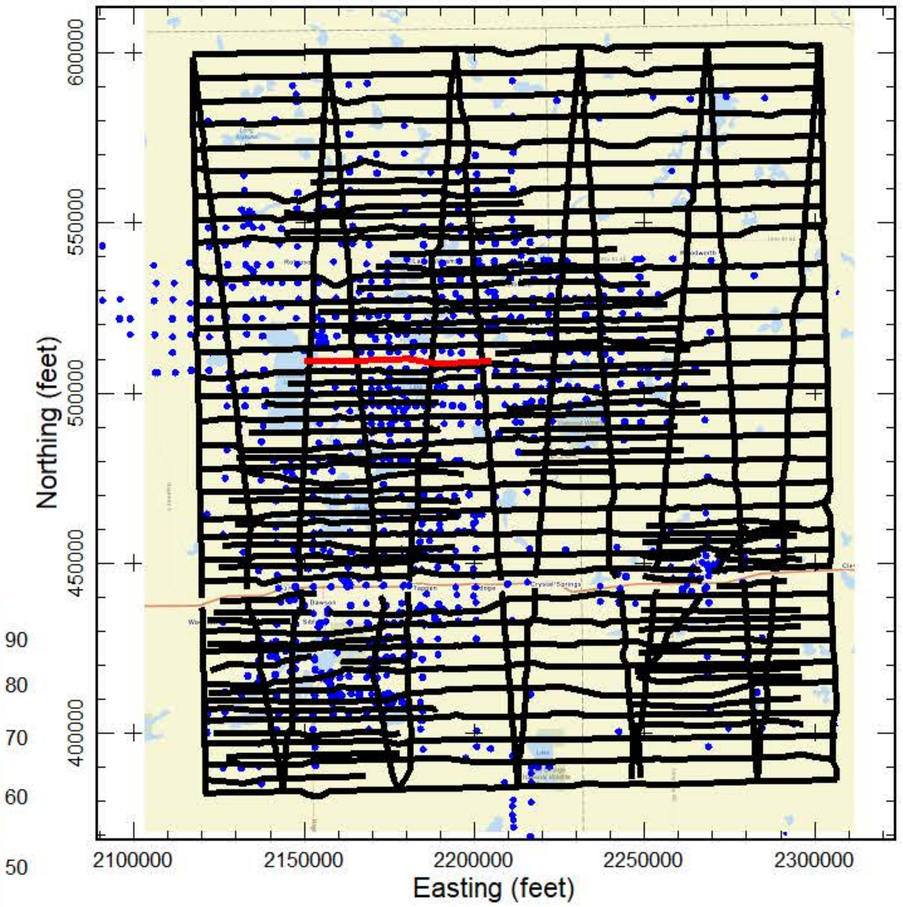
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

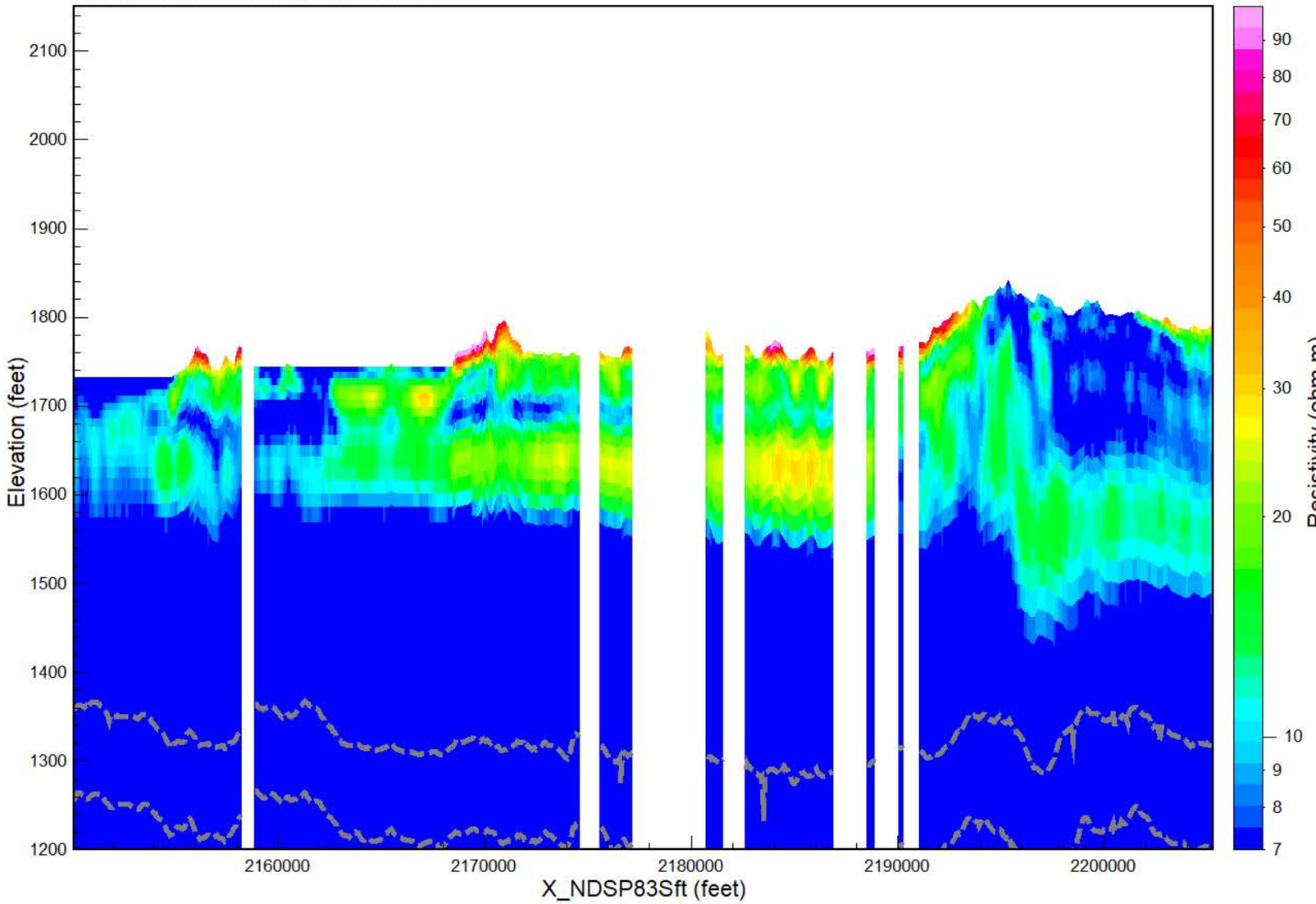
Flight Location Line L500701



AEM Survey Area 1



Final SCI Resistivity Line L500701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

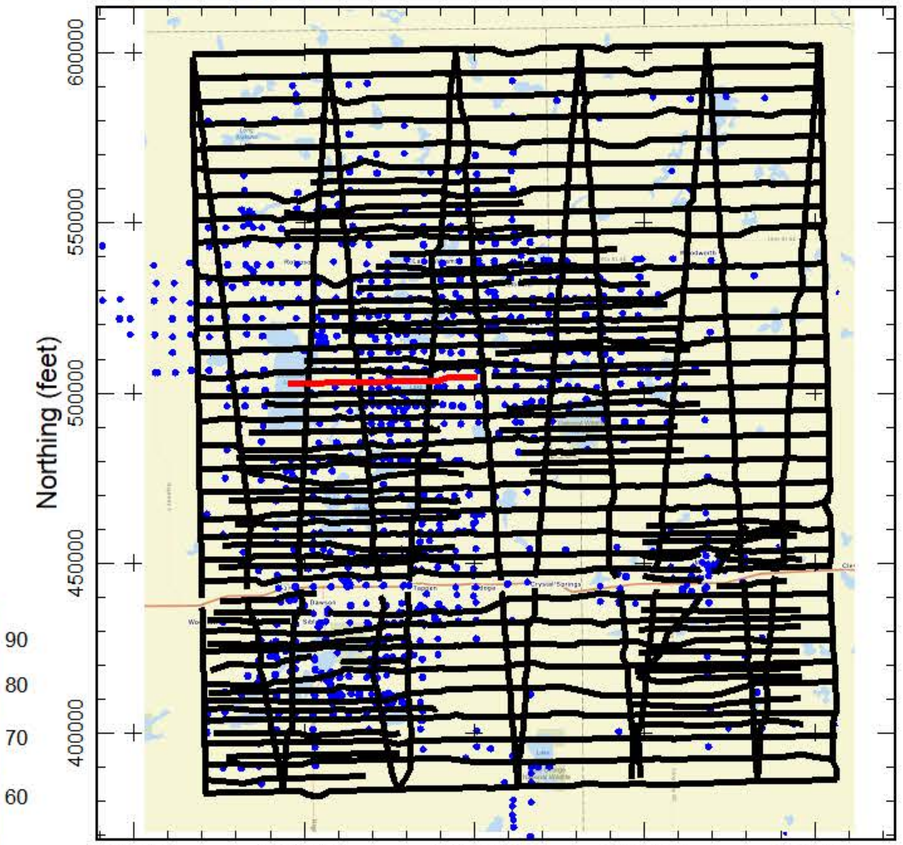
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

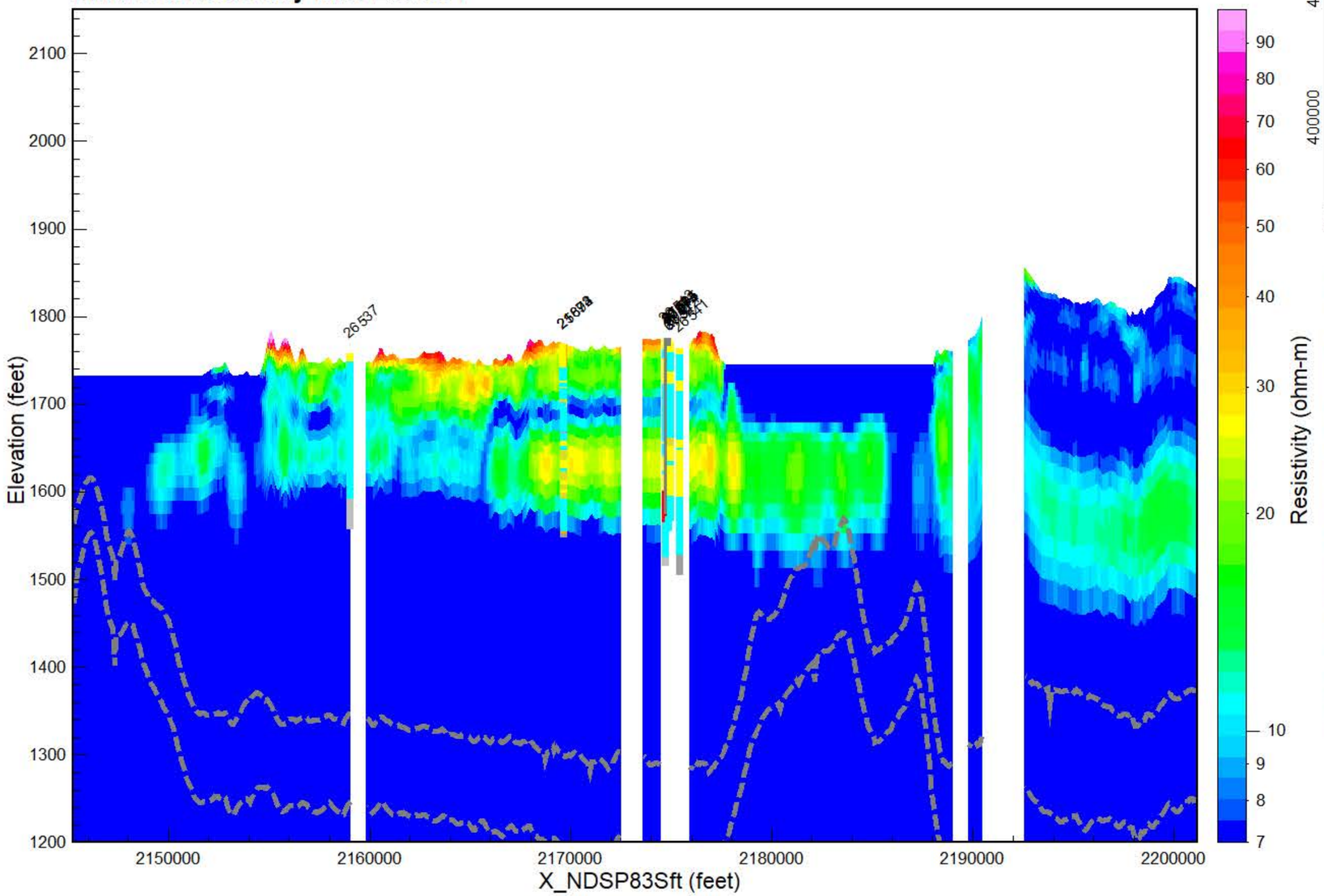
Flight Location Line L500801



AEM Survey Area 1



Final SCI Resistivity Line L500801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

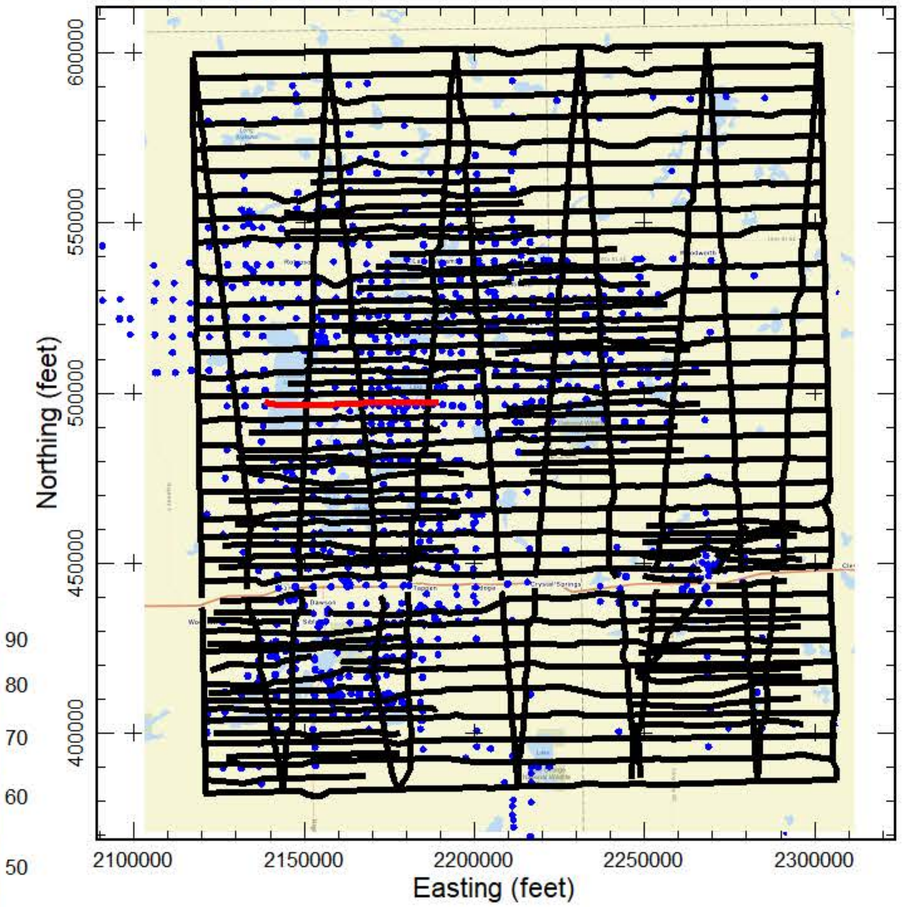
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

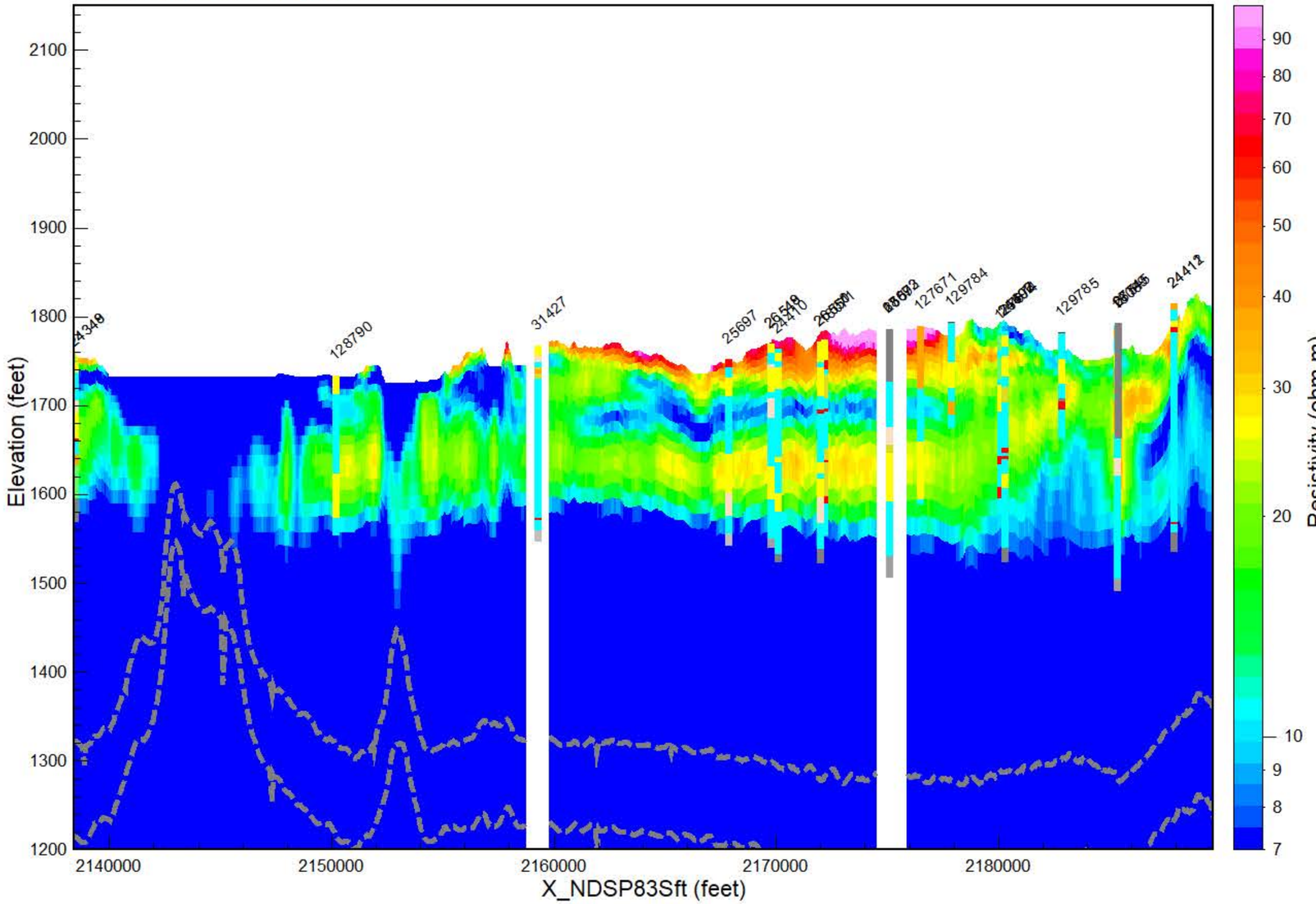
Flight Location Line L500901



AEM Survey Area 1



Final SCI Resistivity Line L500901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

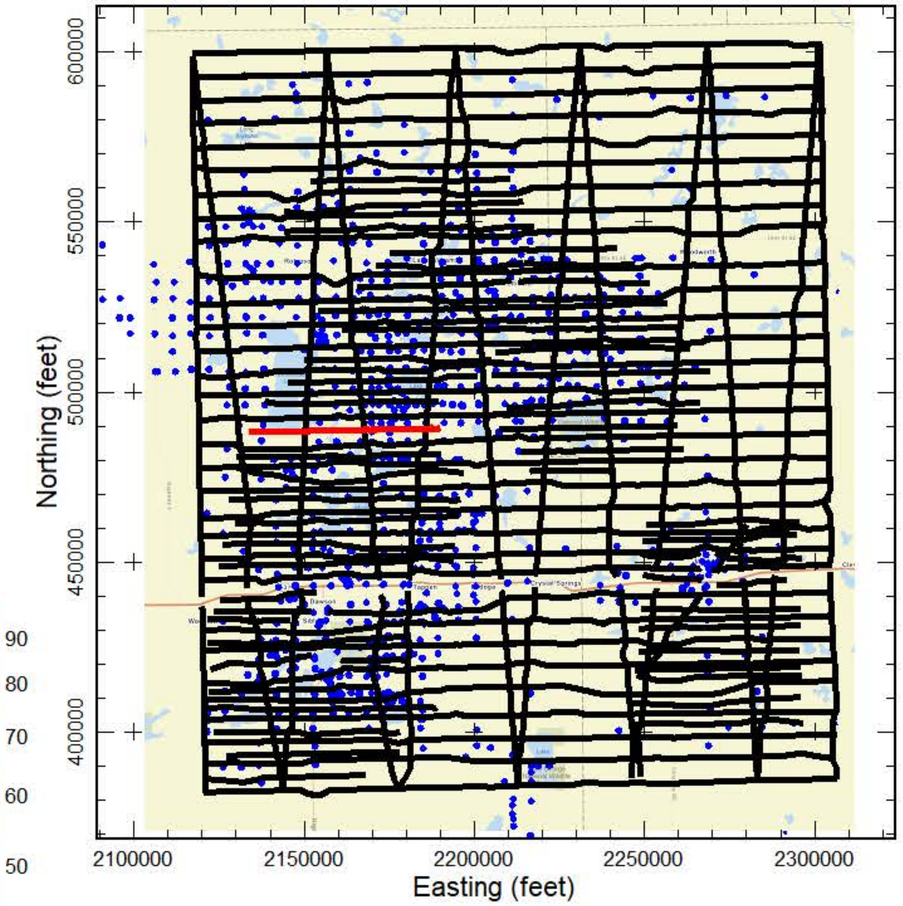
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

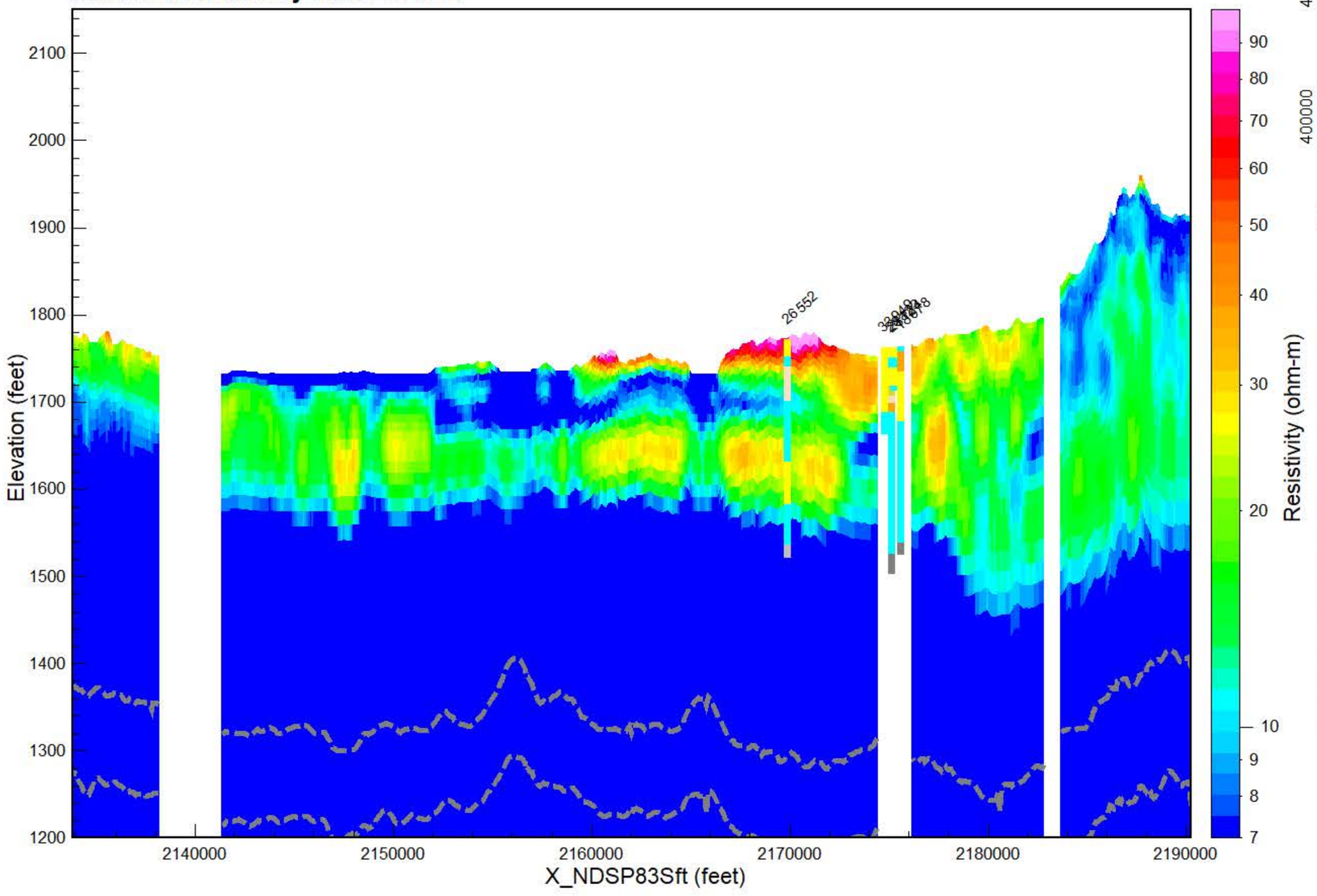
Flight Location Line L501001



AEM Survey Area 1



Final SCI Resistivity Line L501001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

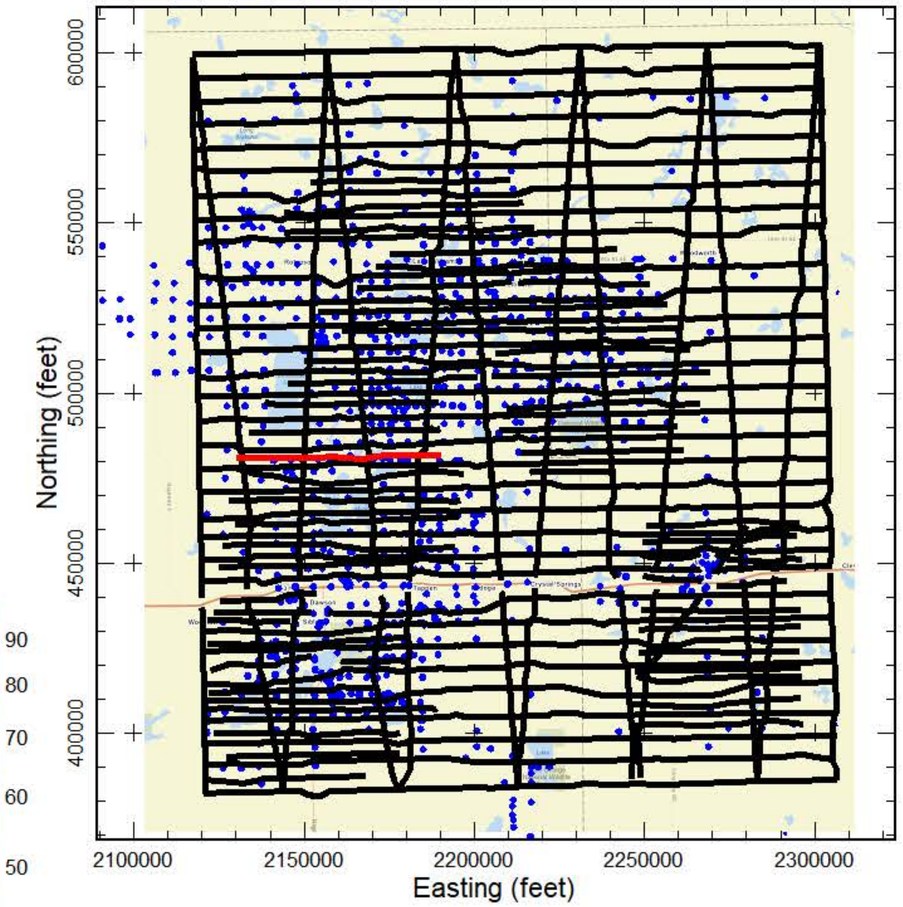
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

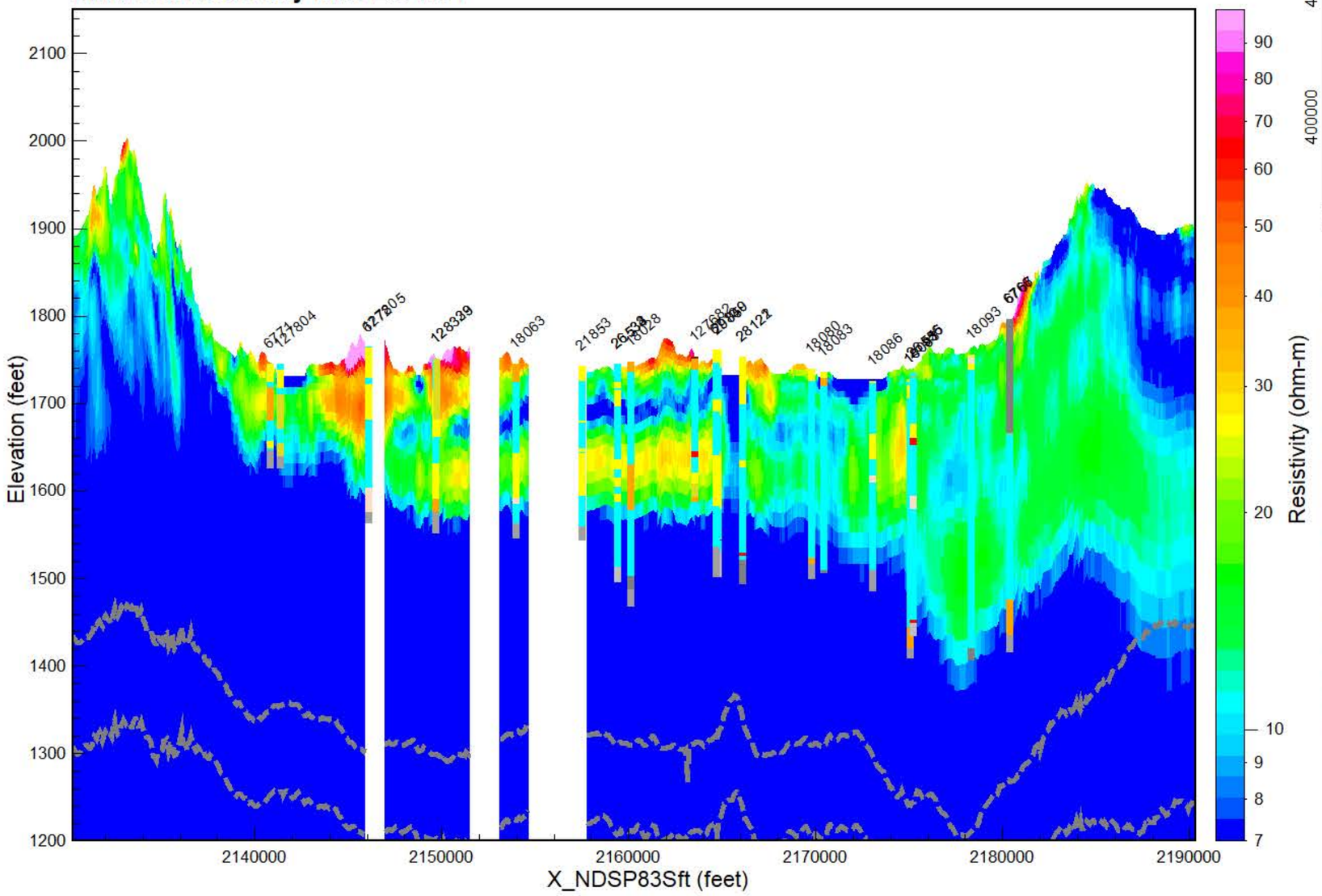
Flight Location Line L501101



AEM Survey Area 1



Final SCI Resistivity Line L501101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

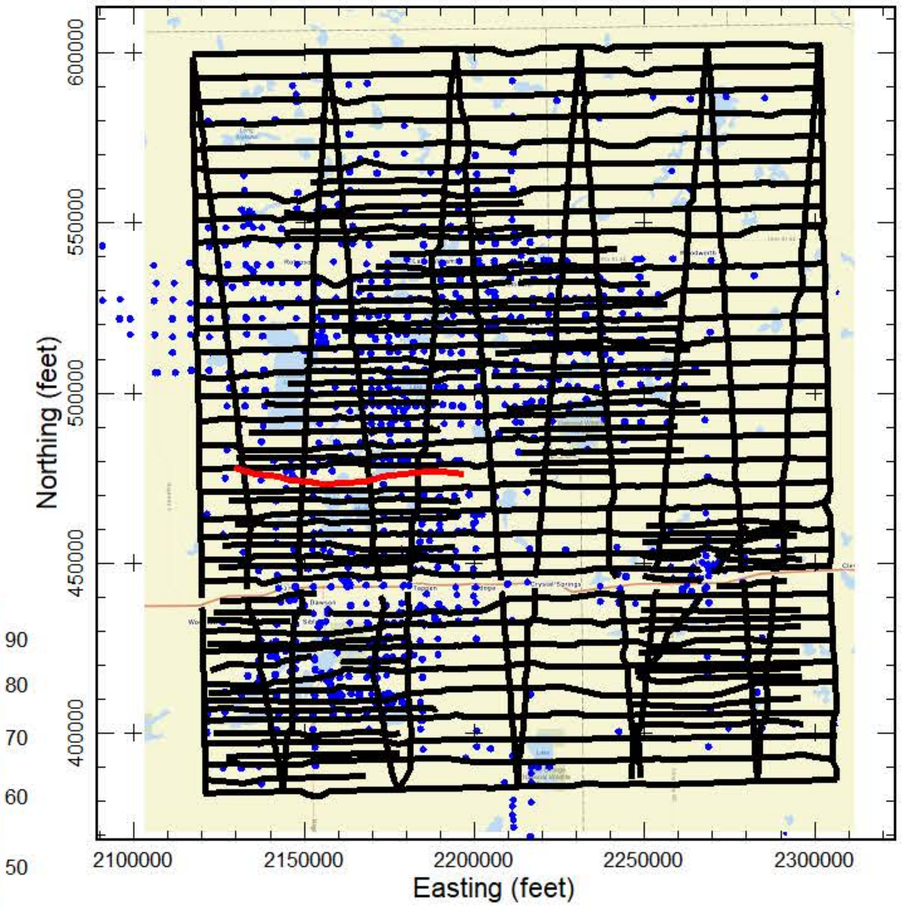
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

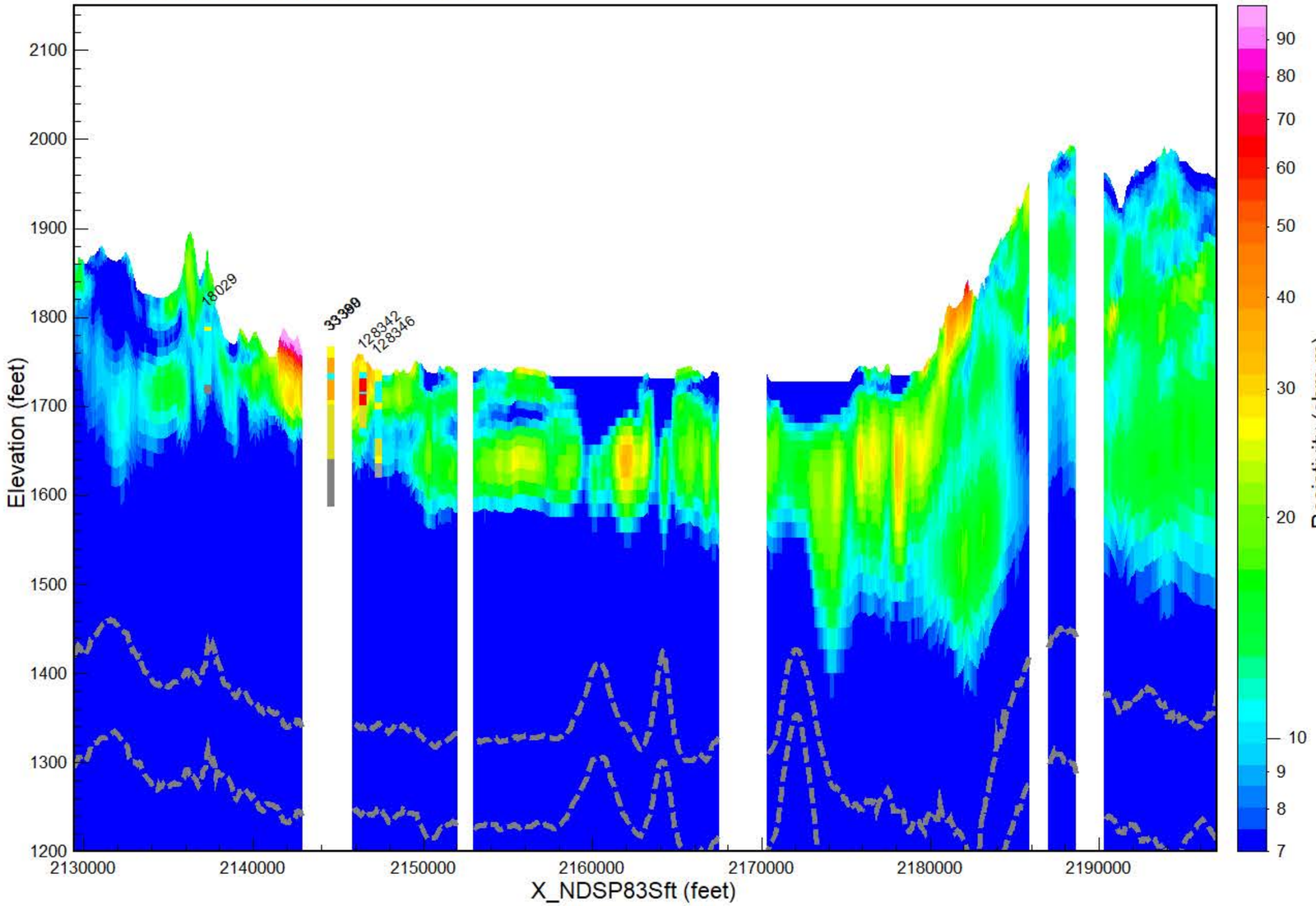
Flight Location Line L501201



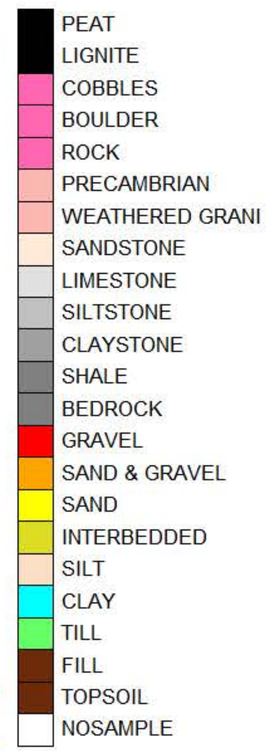
AEM Survey Area 1



Final SCI Resistivity Line L501201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

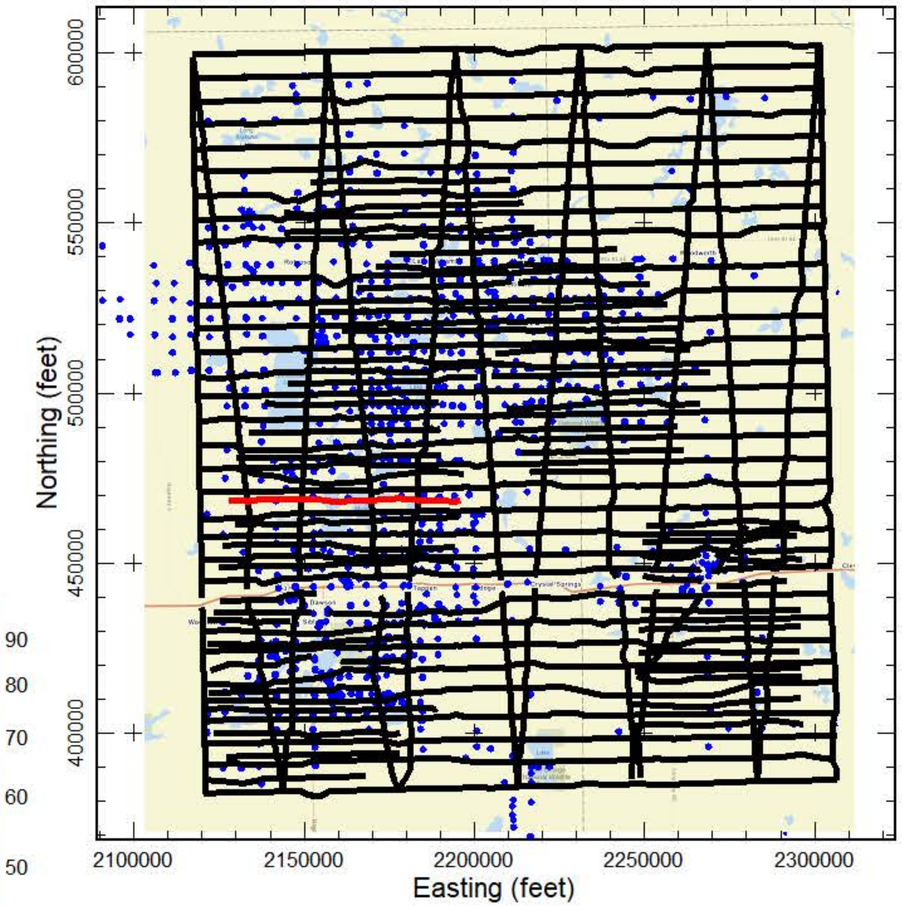


AGF
Aqua Geo Frameworks

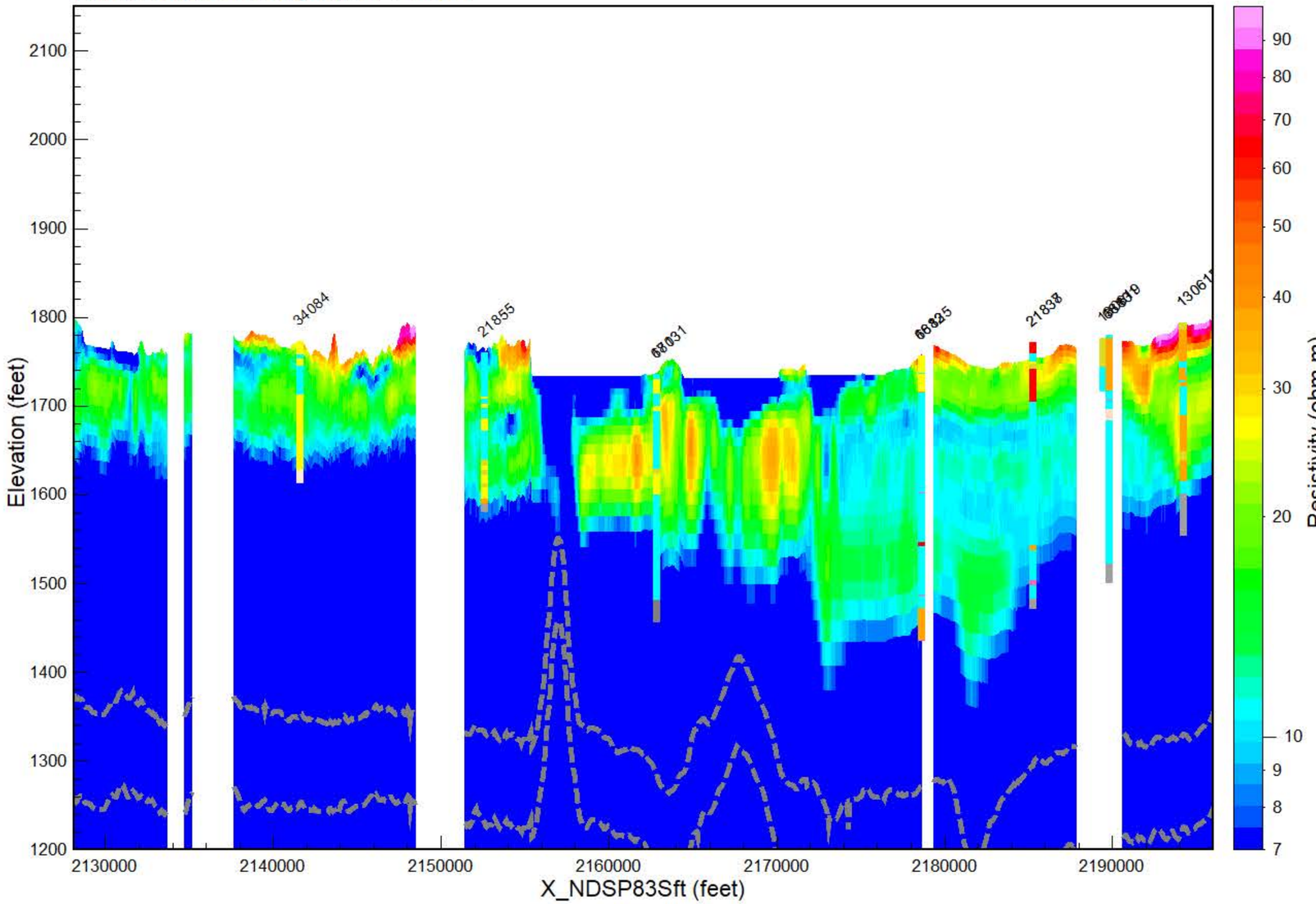
Flight Location Line L501301



AEM Survey Area 1



Final SCI Resistivity Line L501301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

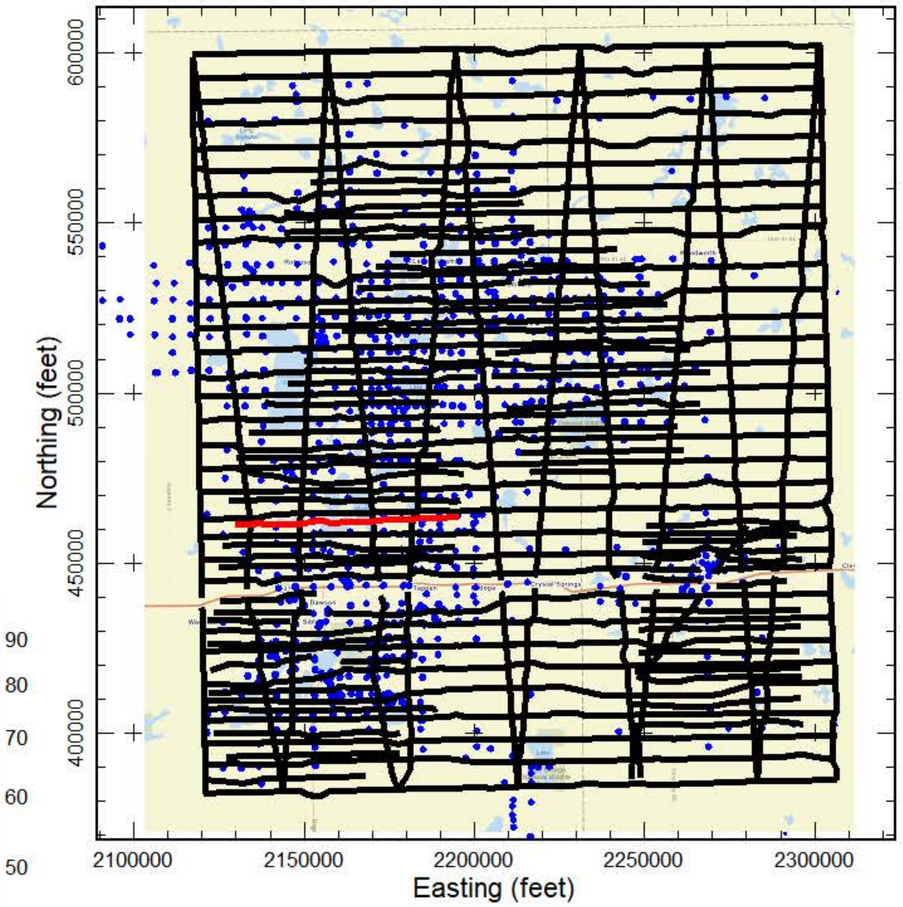
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

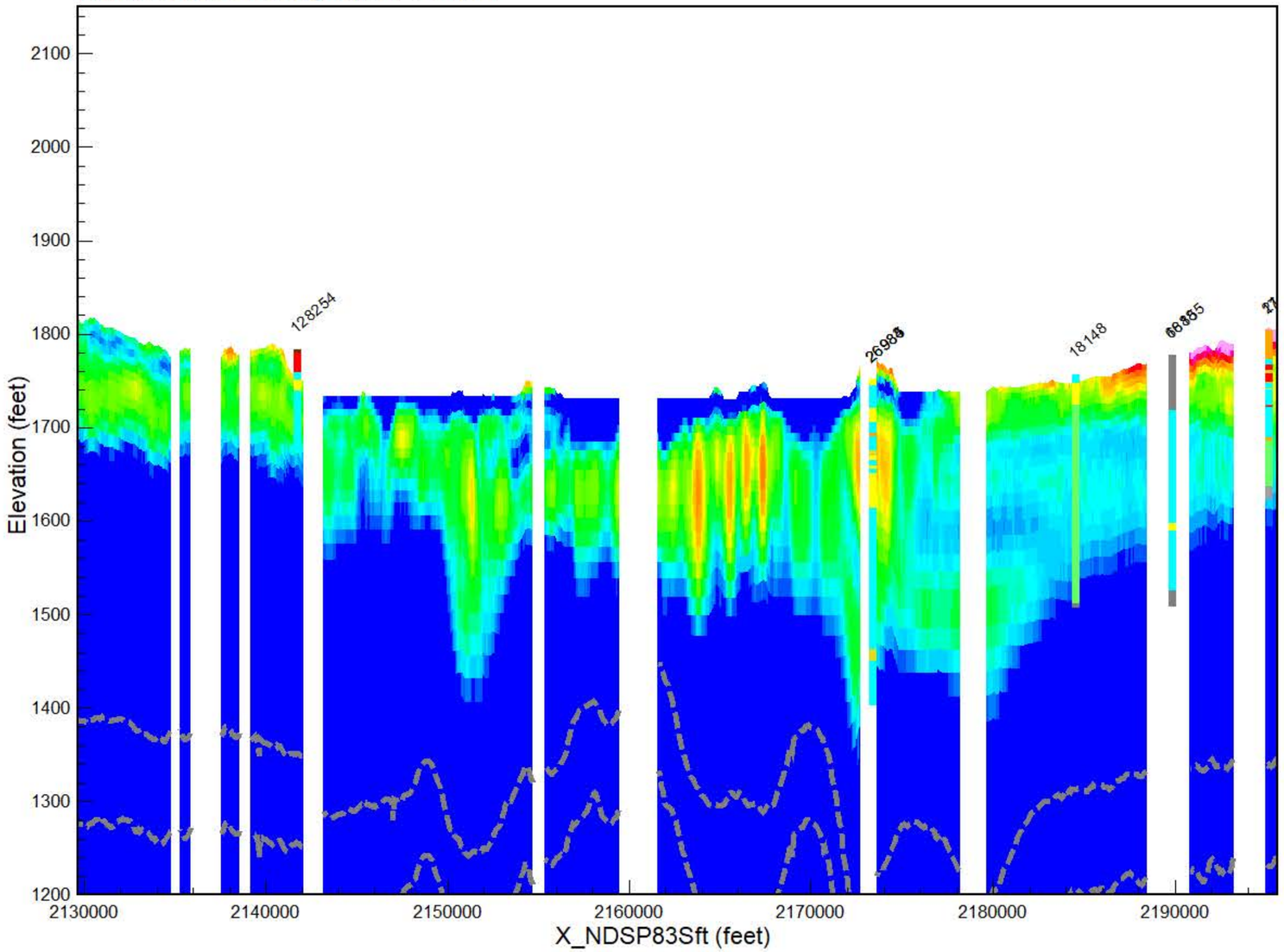
Flight Location Line L501401

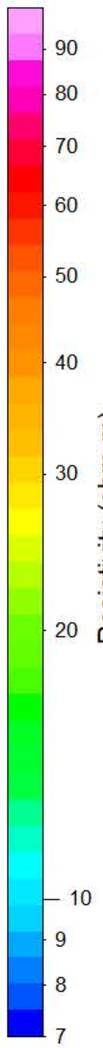


AEM Survey Area 1



Final SCI Resistivity Line L501401



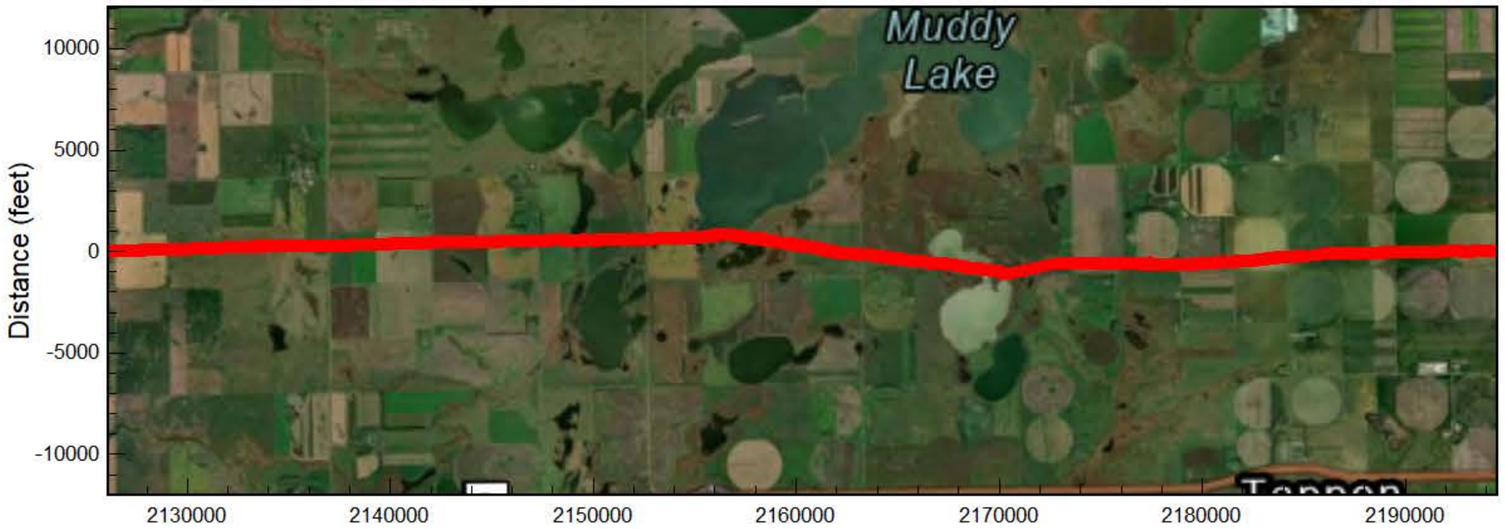


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

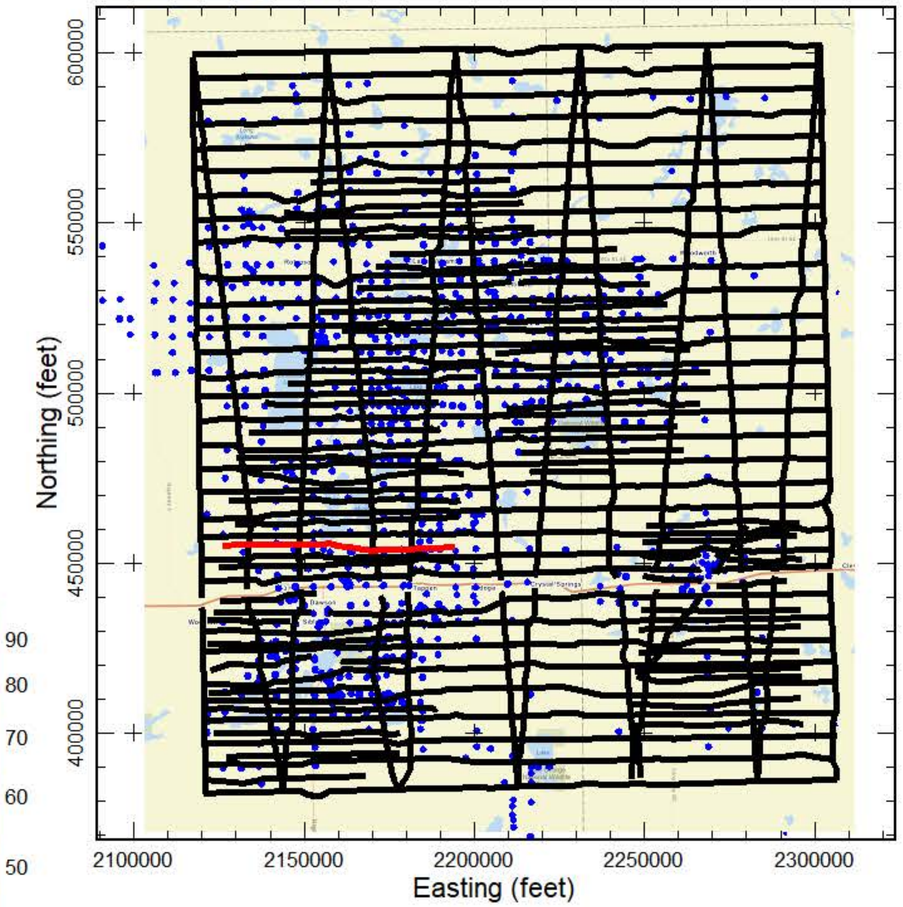
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

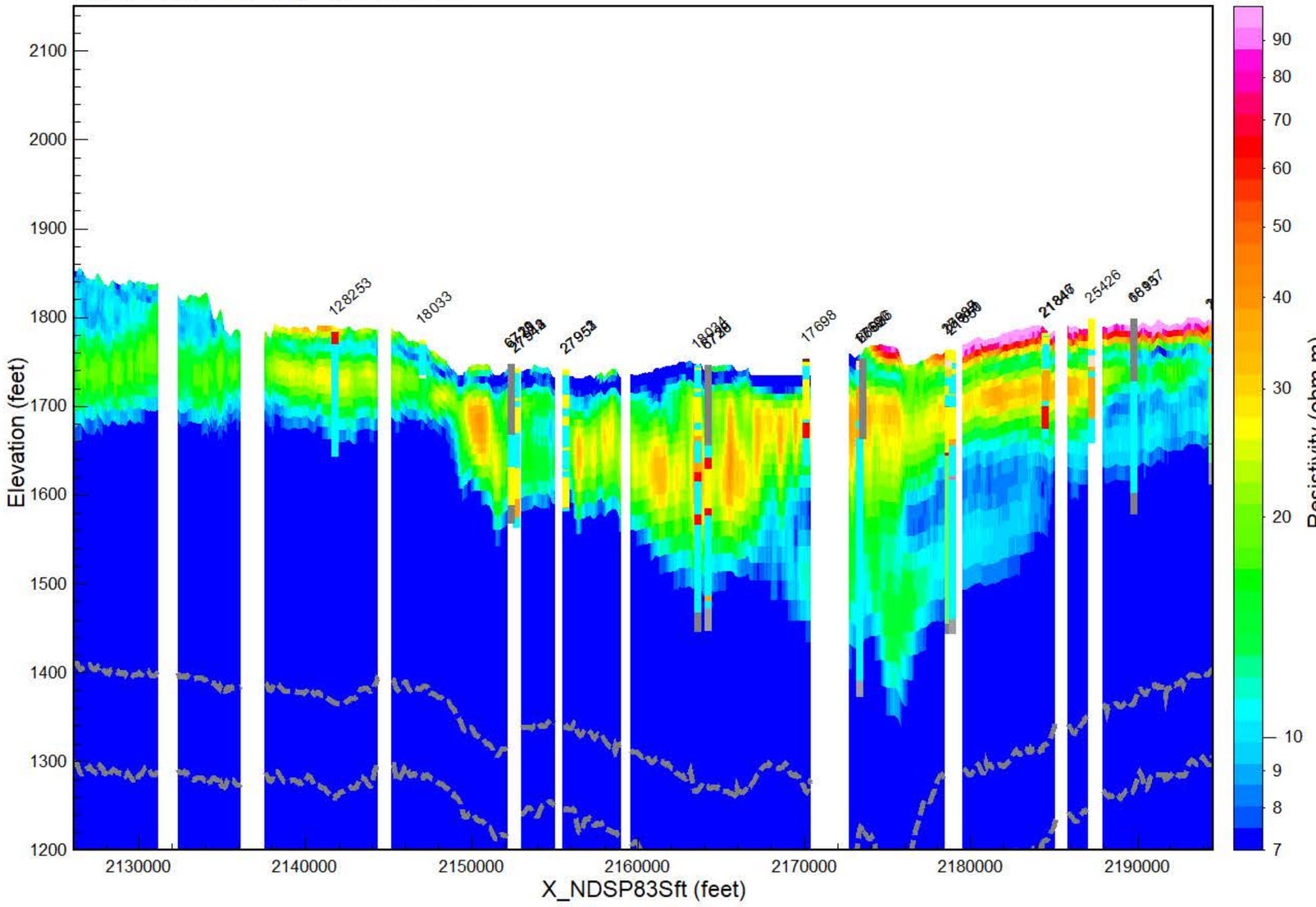
Flight Location Line L501501



AEM Survey Area 1



Final SCI Resistivity Line L501501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

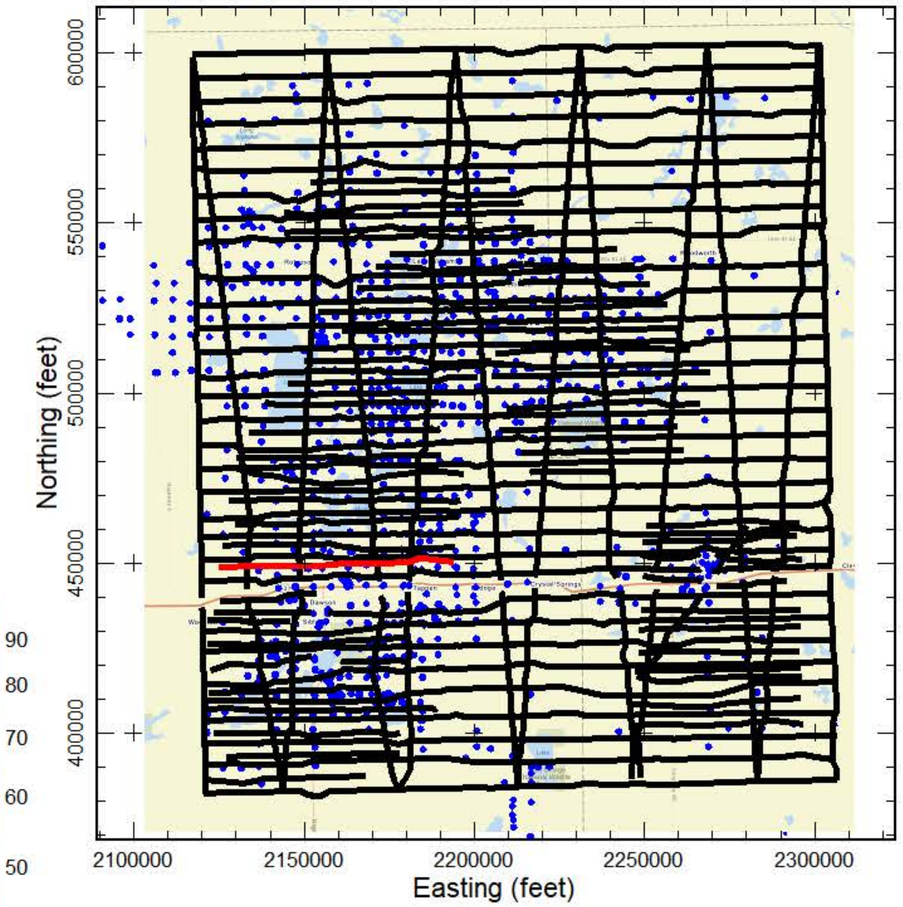
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

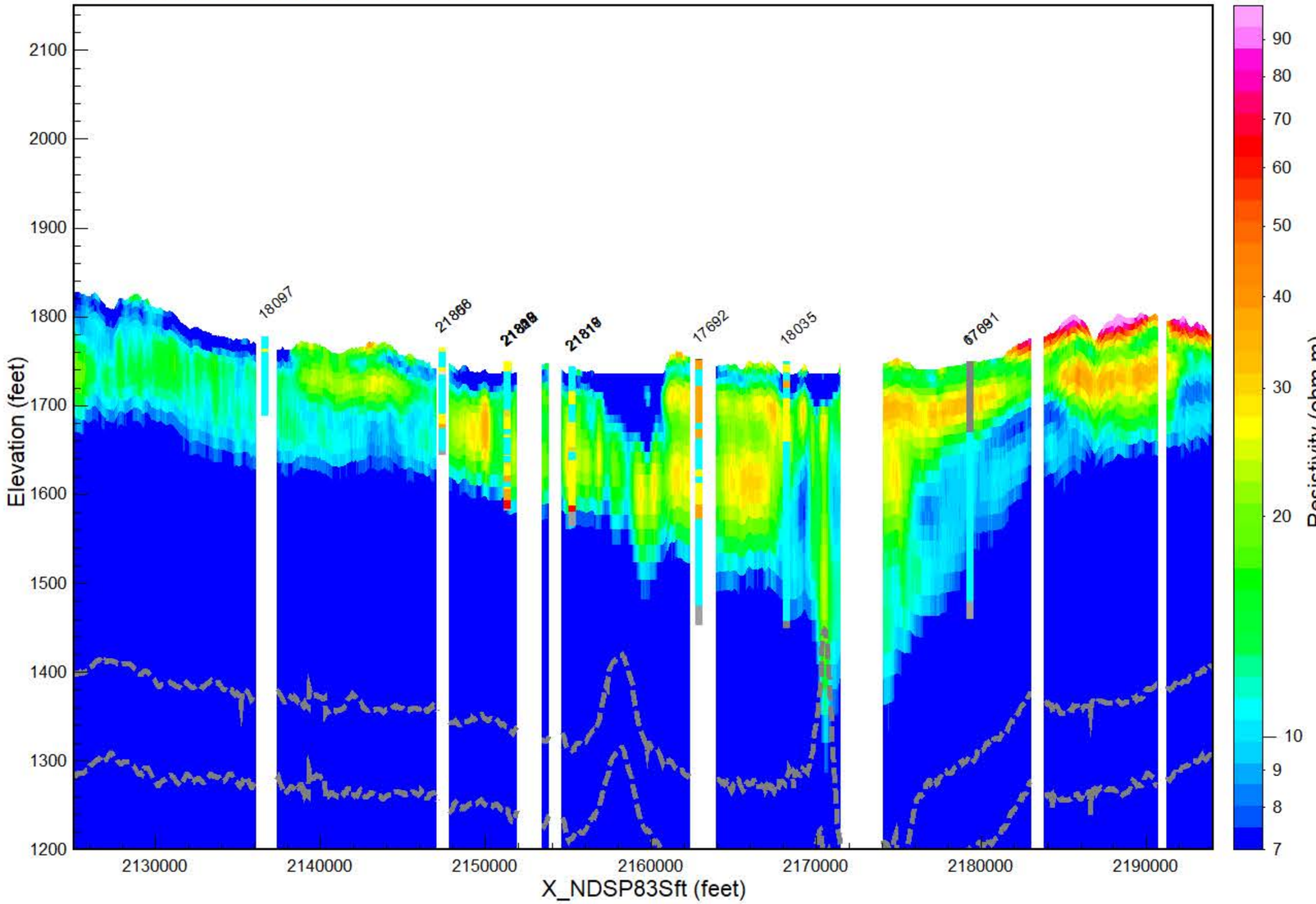
Flight Location Line L501601



AEM Survey Area 1



Final SCI Resistivity Line L501601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

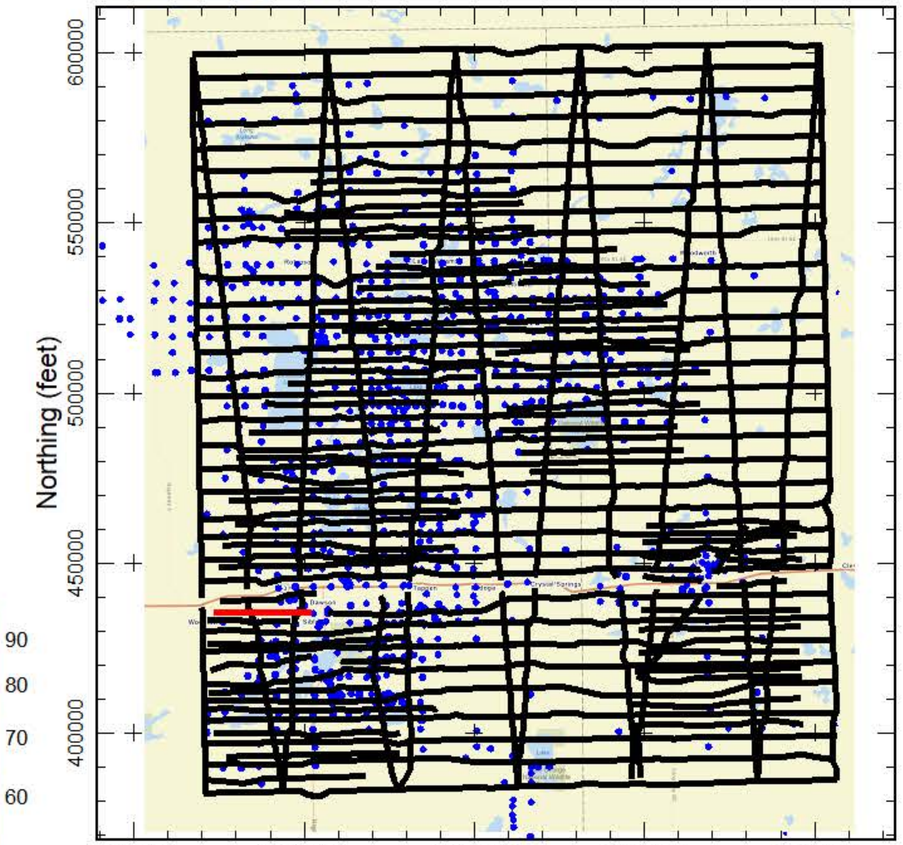
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

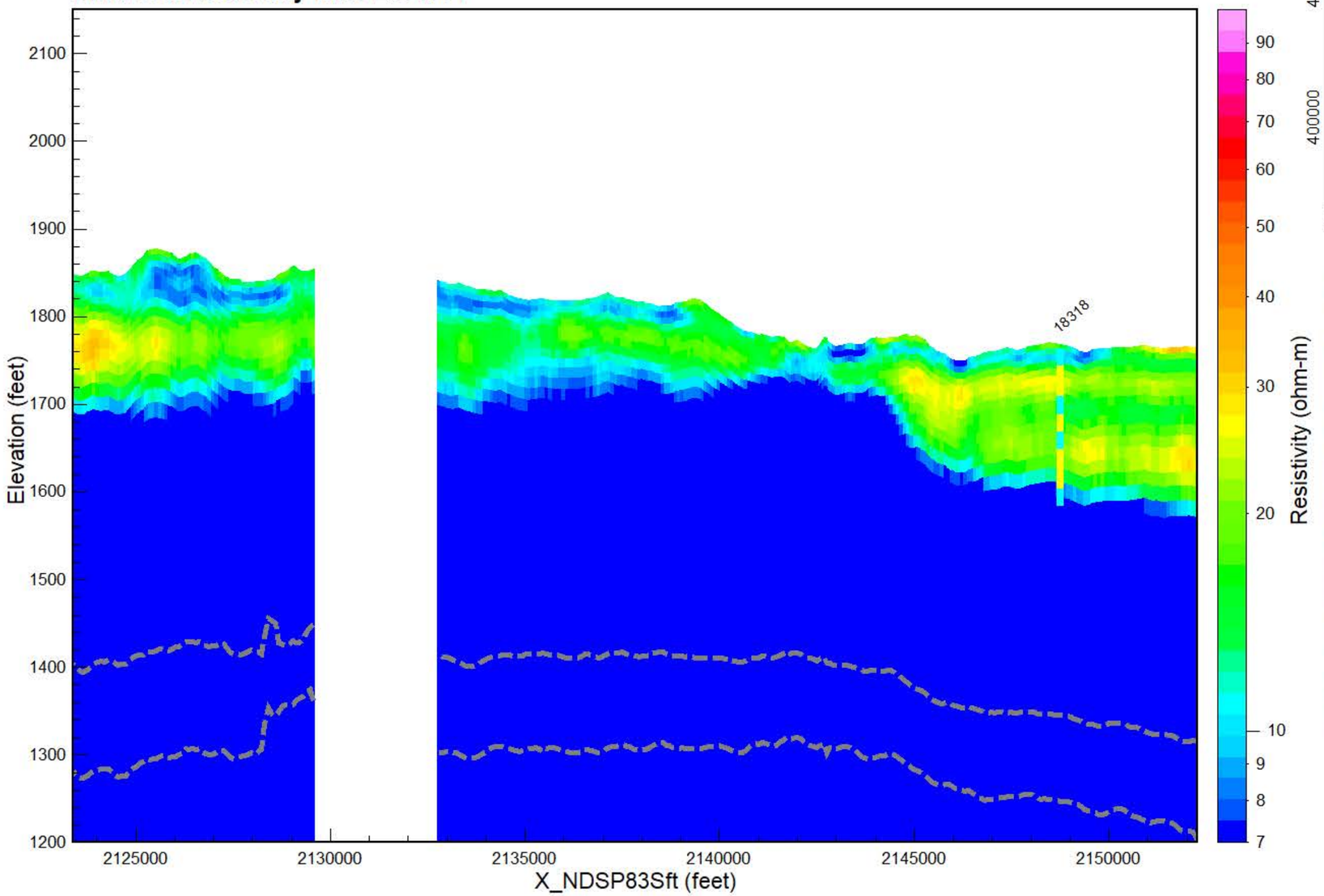
Flight Location Line L501701



AEM Survey Area 1



Final SCI Resistivity Line L501701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

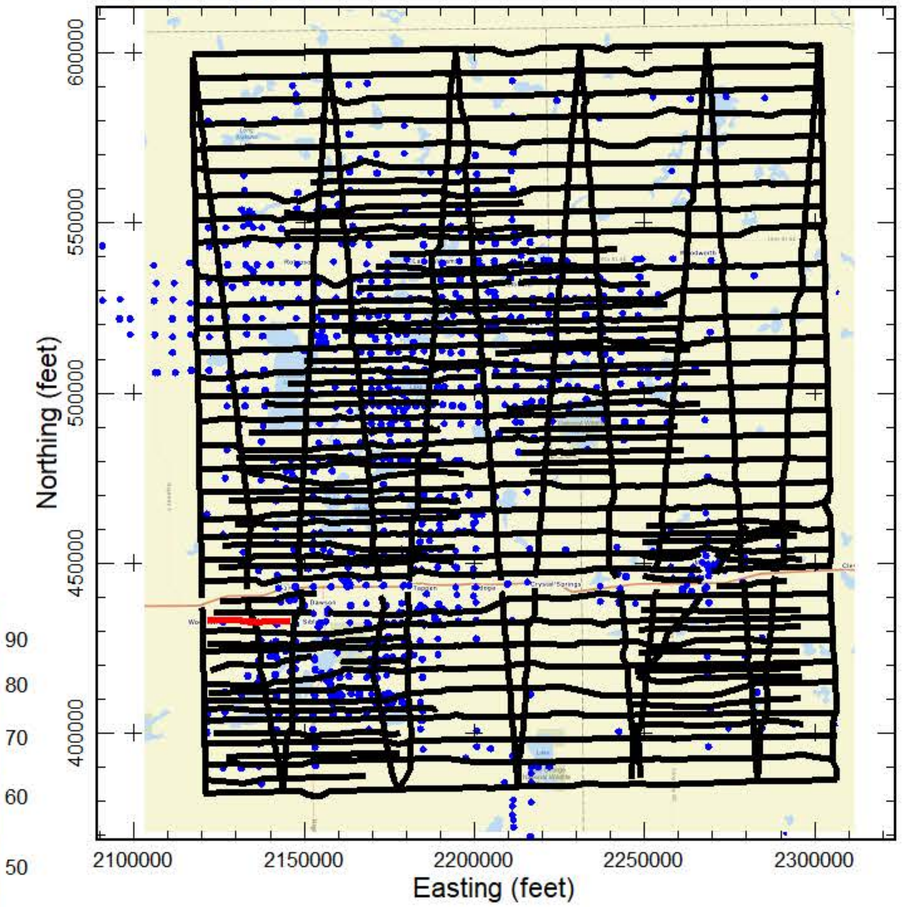
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

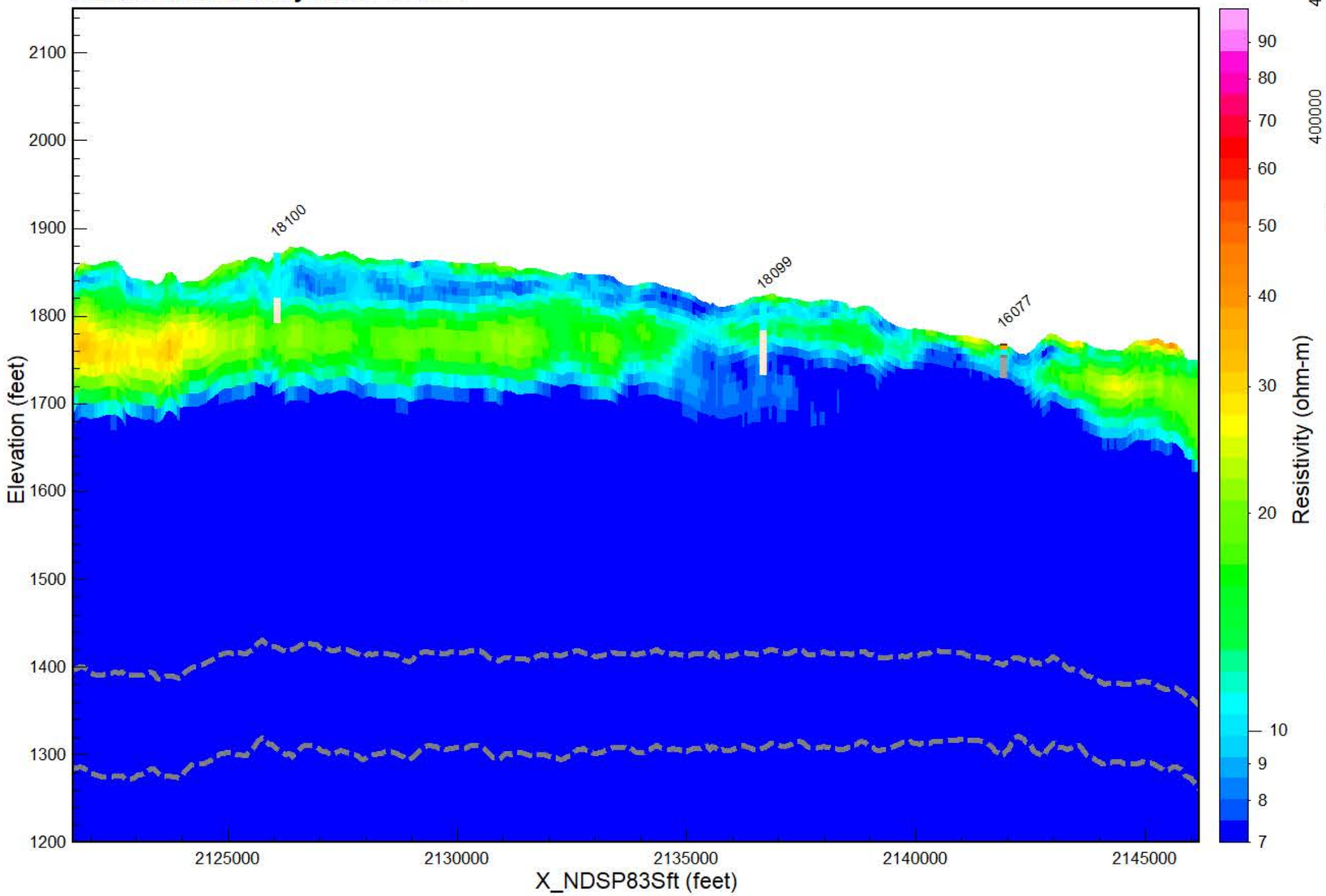
Flight Location Line L501801



AEM Survey Area 1



Final SCI Resistivity Line L501801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

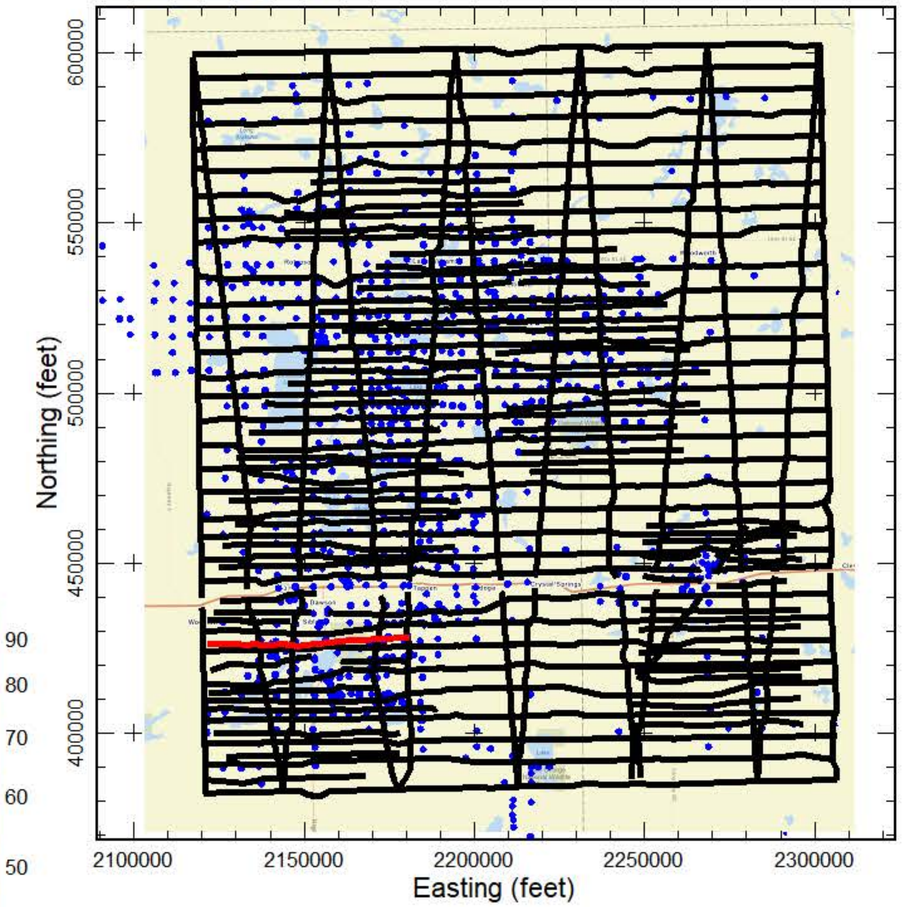
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

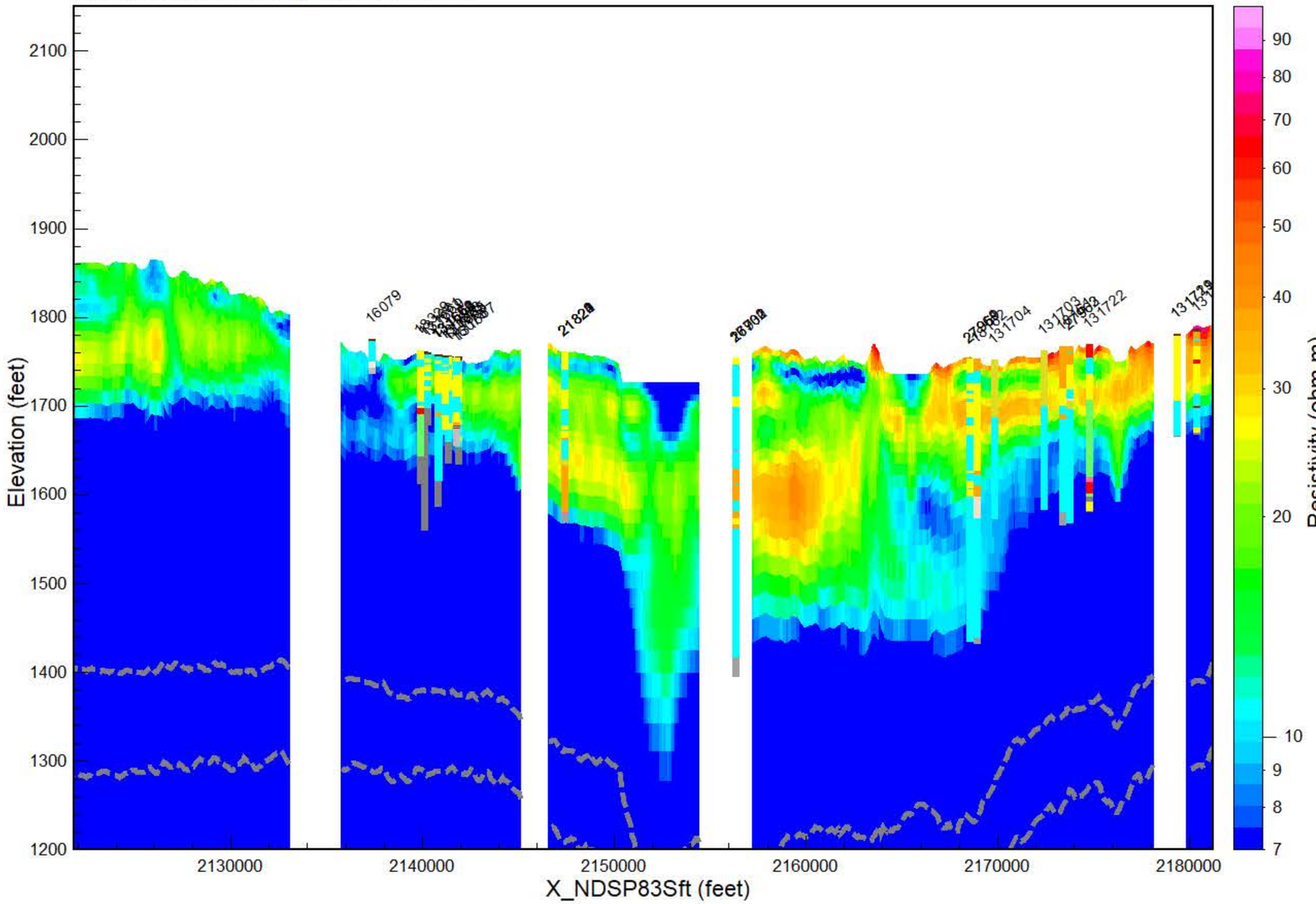
Flight Location Line L501901



AEM Survey Area 1



Final SCI Resistivity Line L501901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

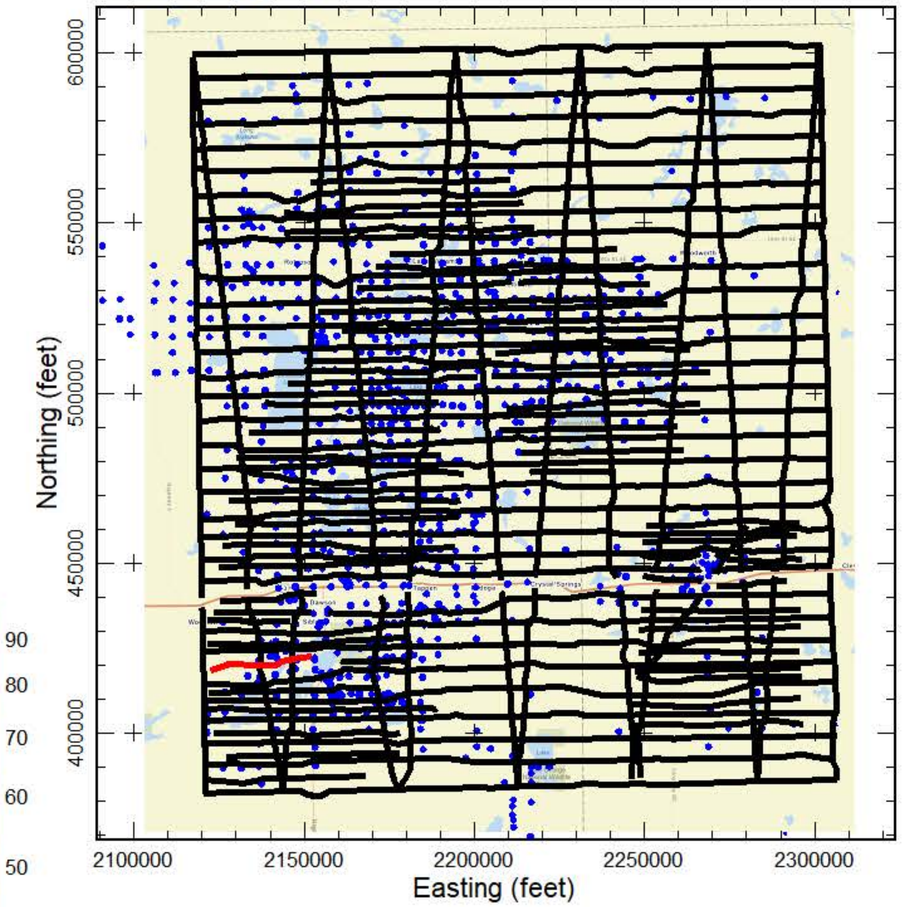
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

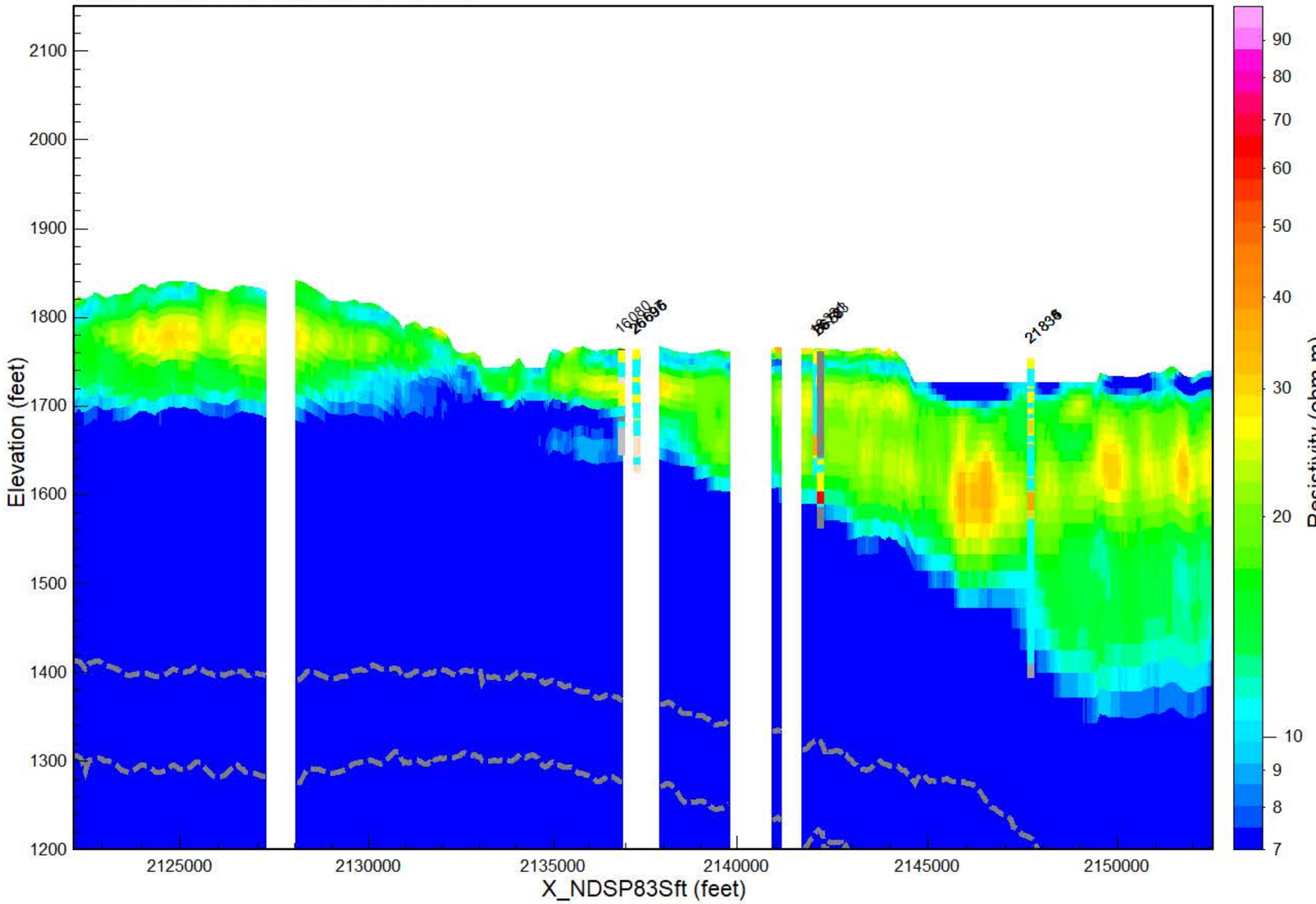
Flight Location Line L502001



AEM Survey Area 1



Final SCI Resistivity Line L502001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

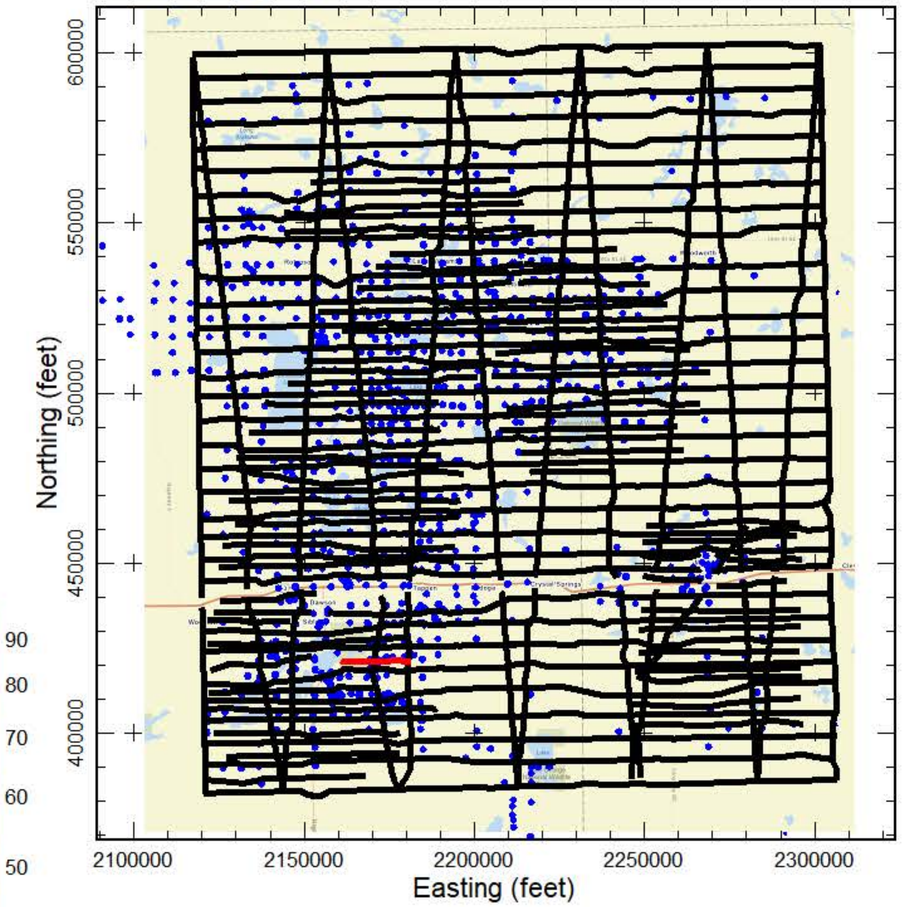
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

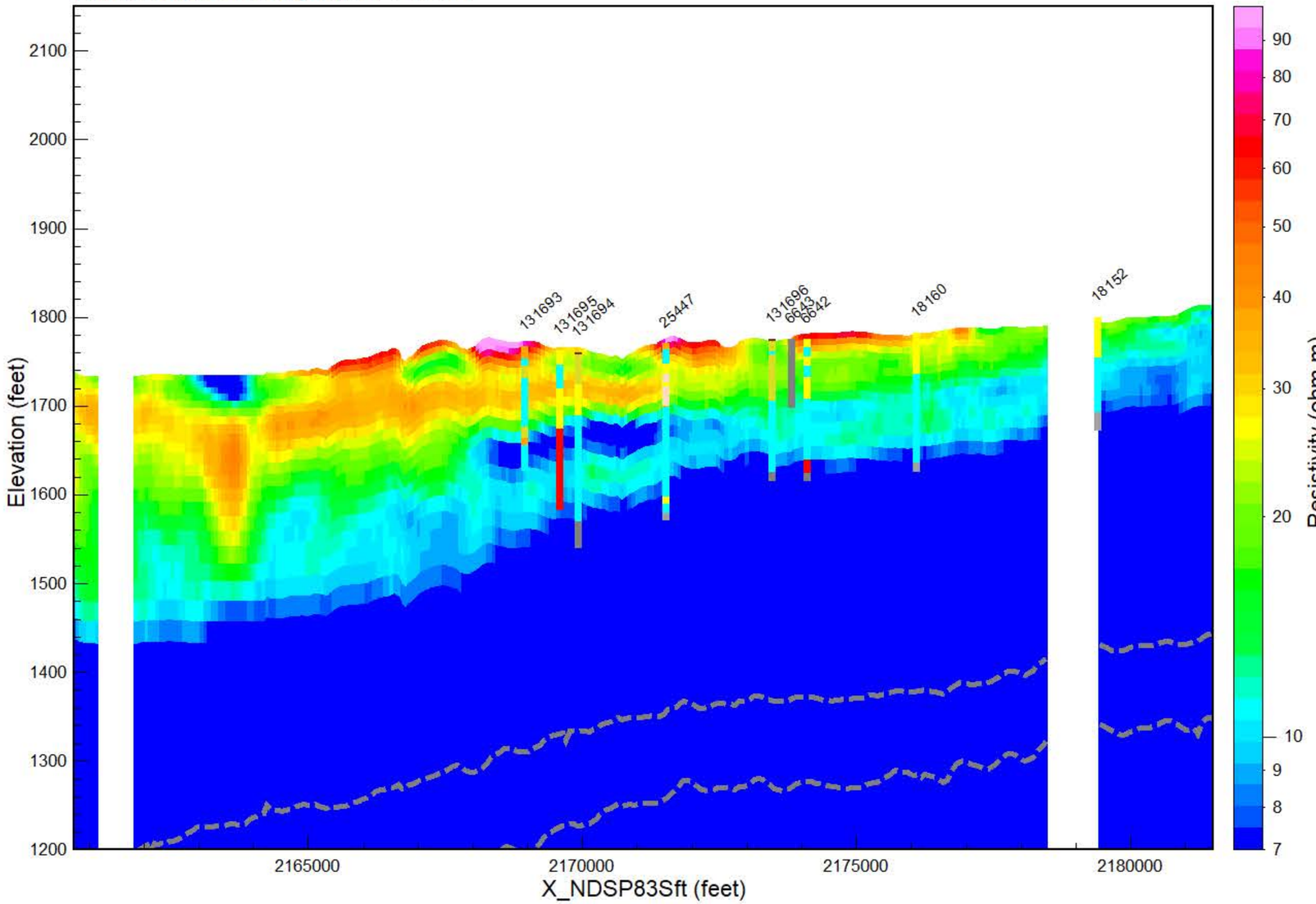
Flight Location Line L502101



AEM Survey Area 1



Final SCI Resistivity Line L502101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

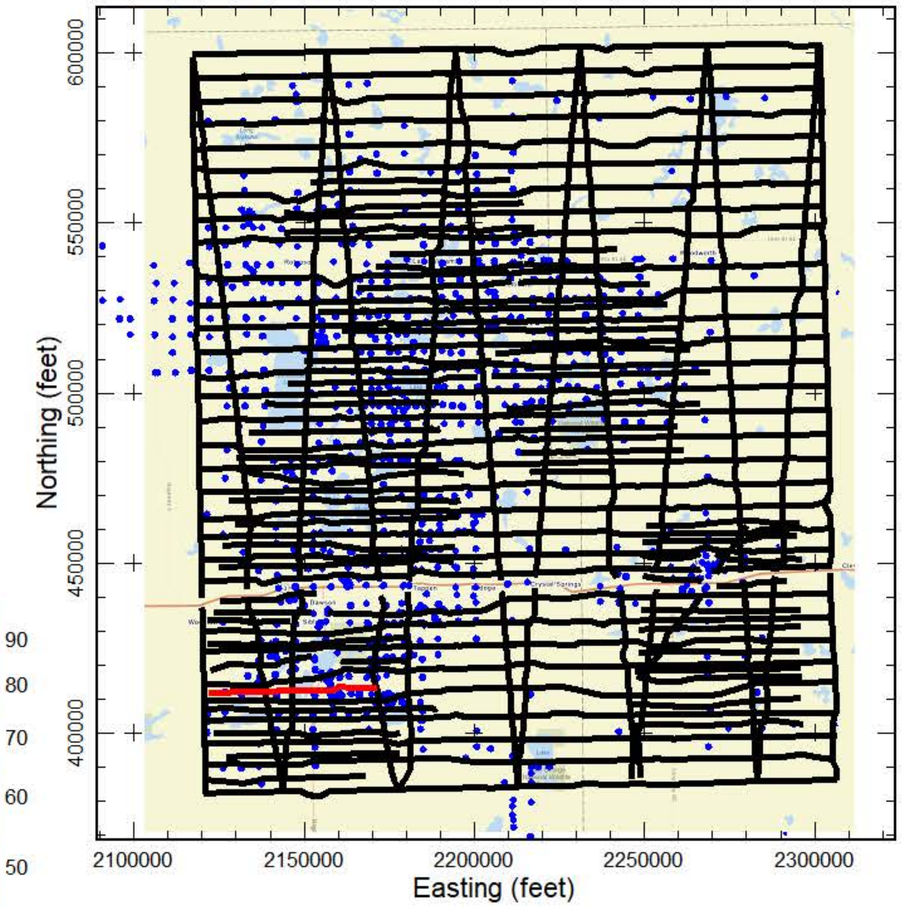
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

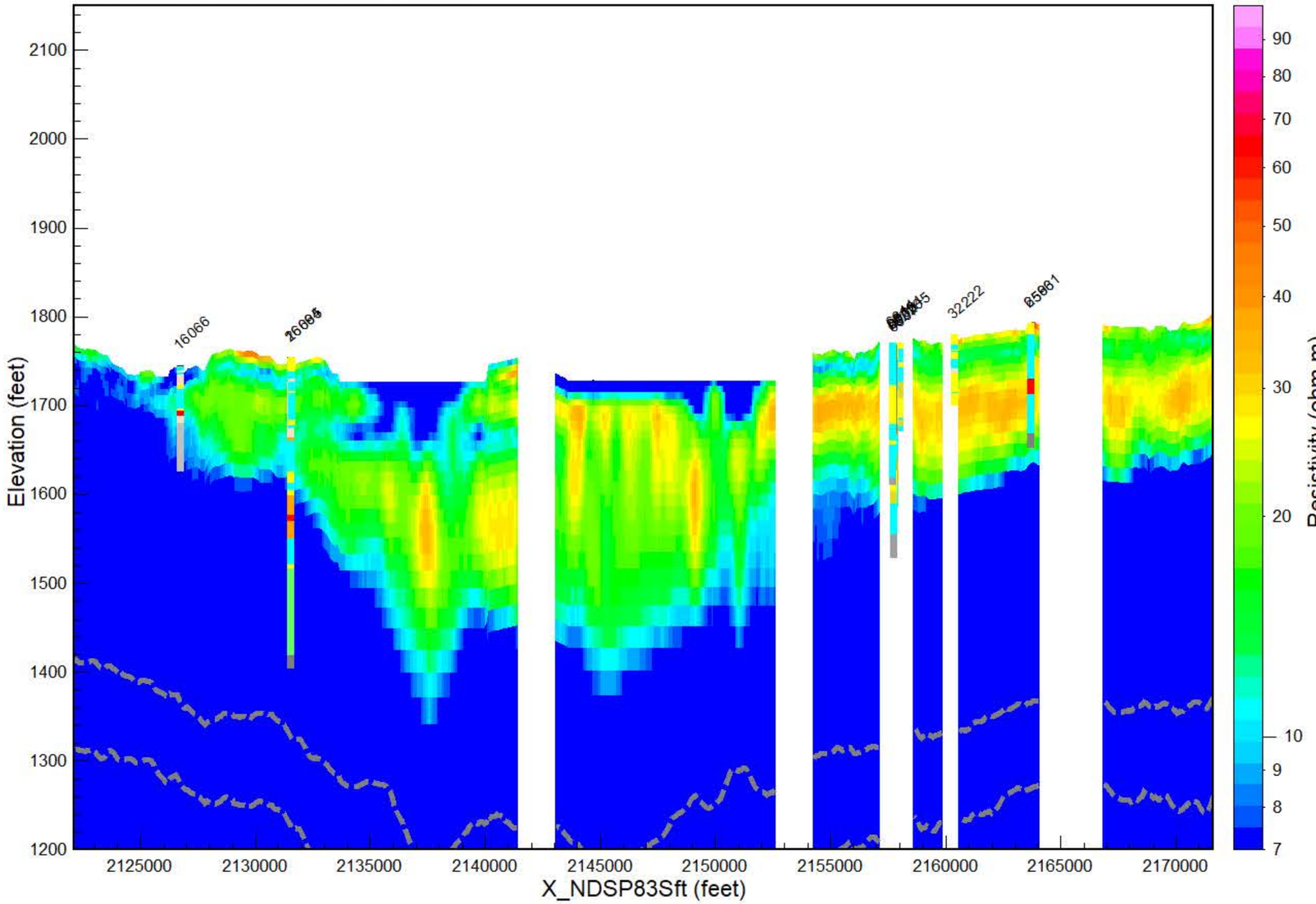
Flight Location Line L502201



AEM Survey Area 1



Final SCI Resistivity Line L502201

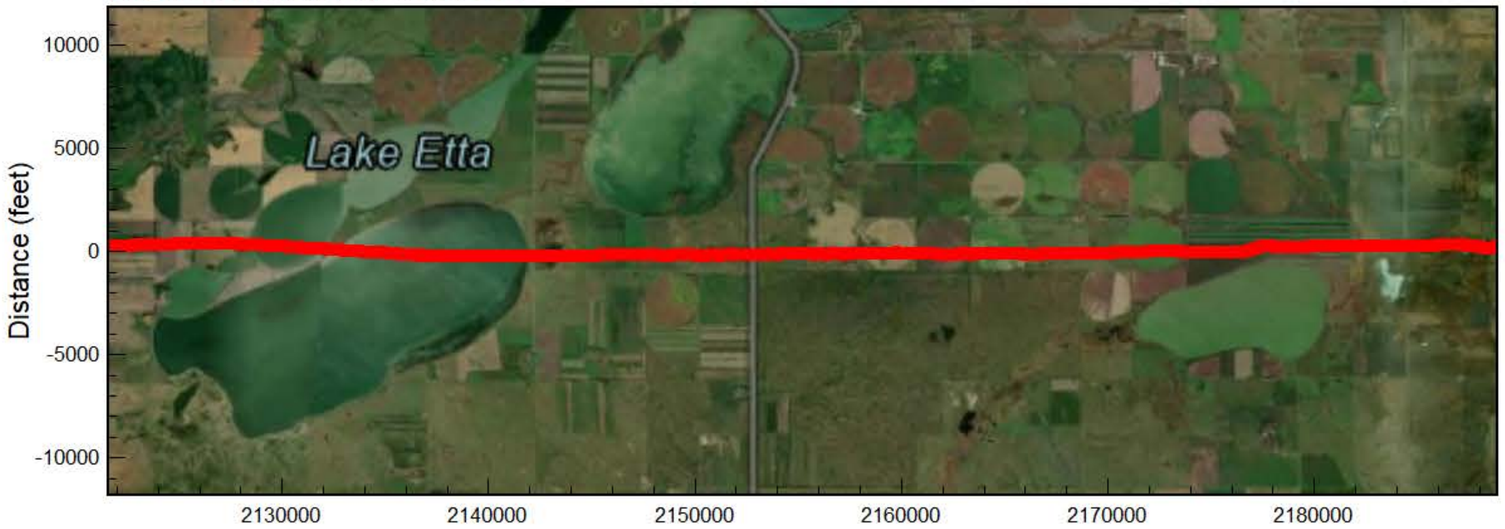


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

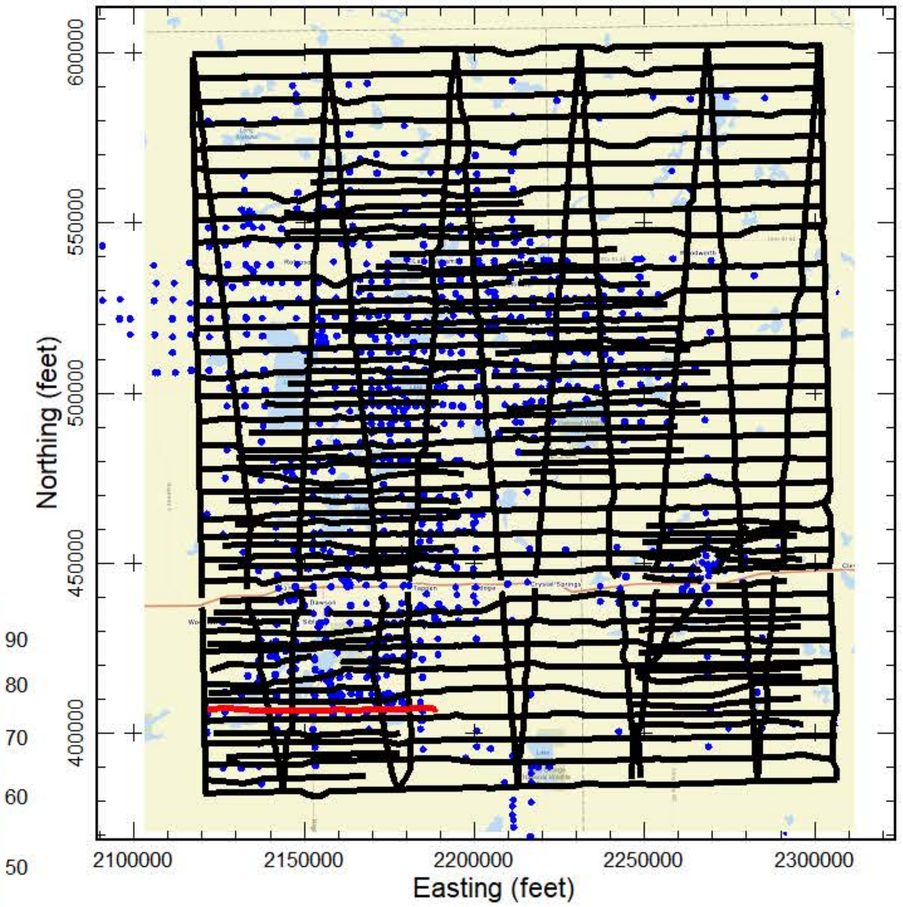
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

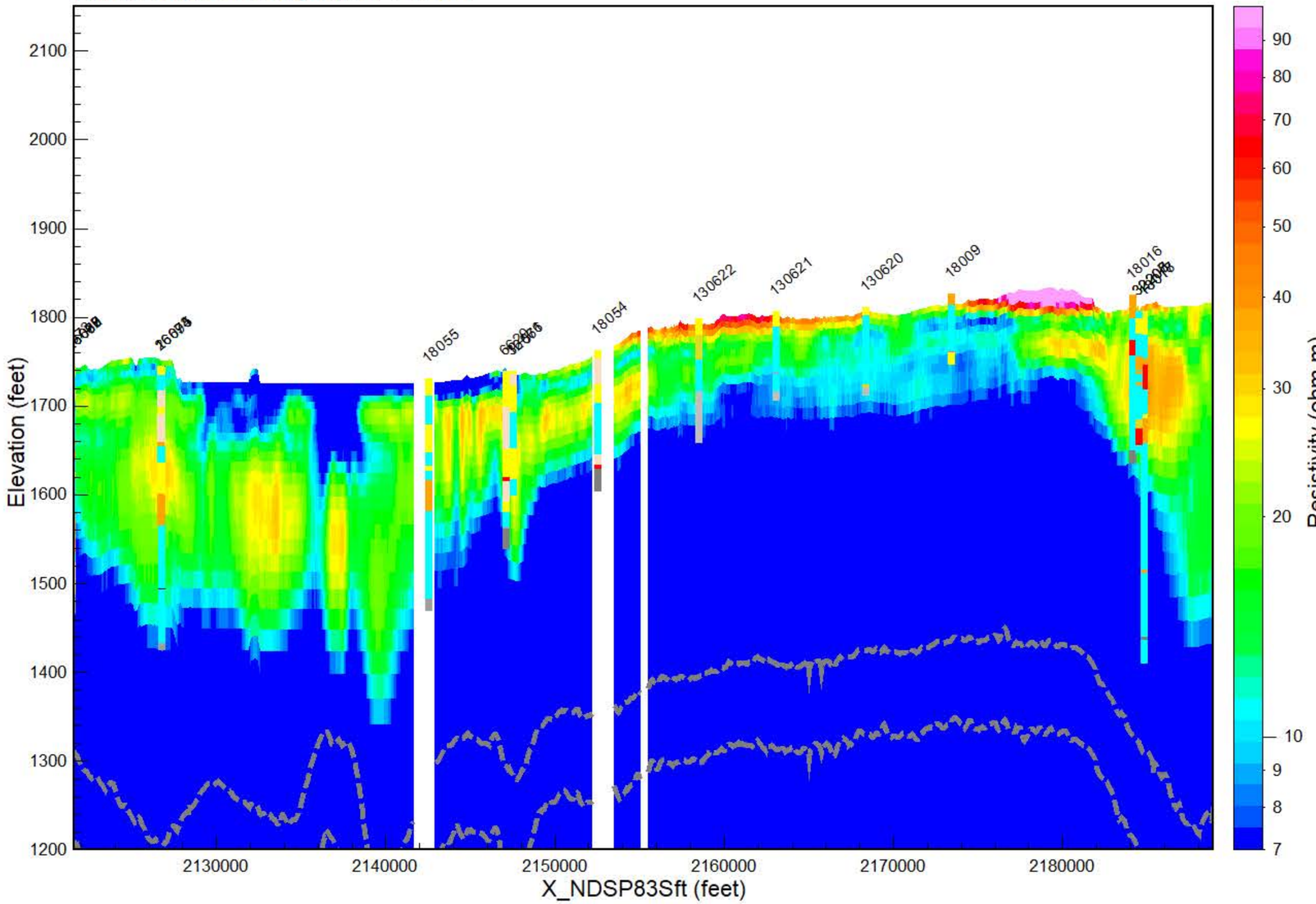
Flight Location Line L502301



AEM Survey Area 1



Final SCI Resistivity Line L502301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

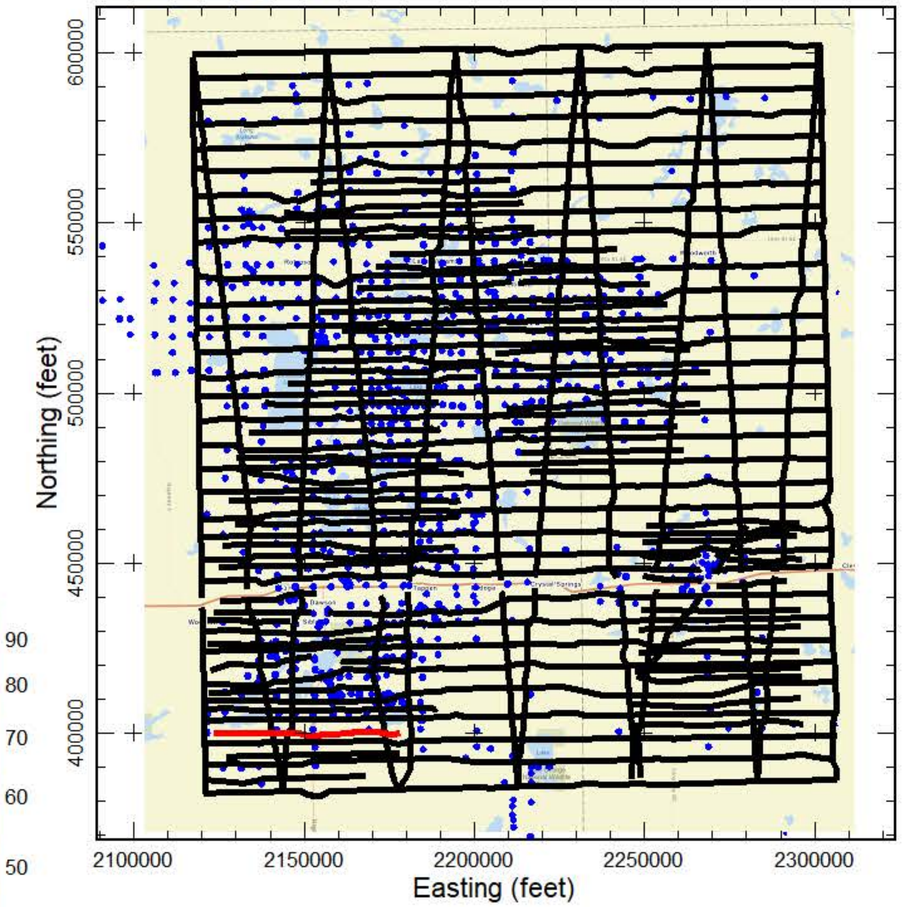
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

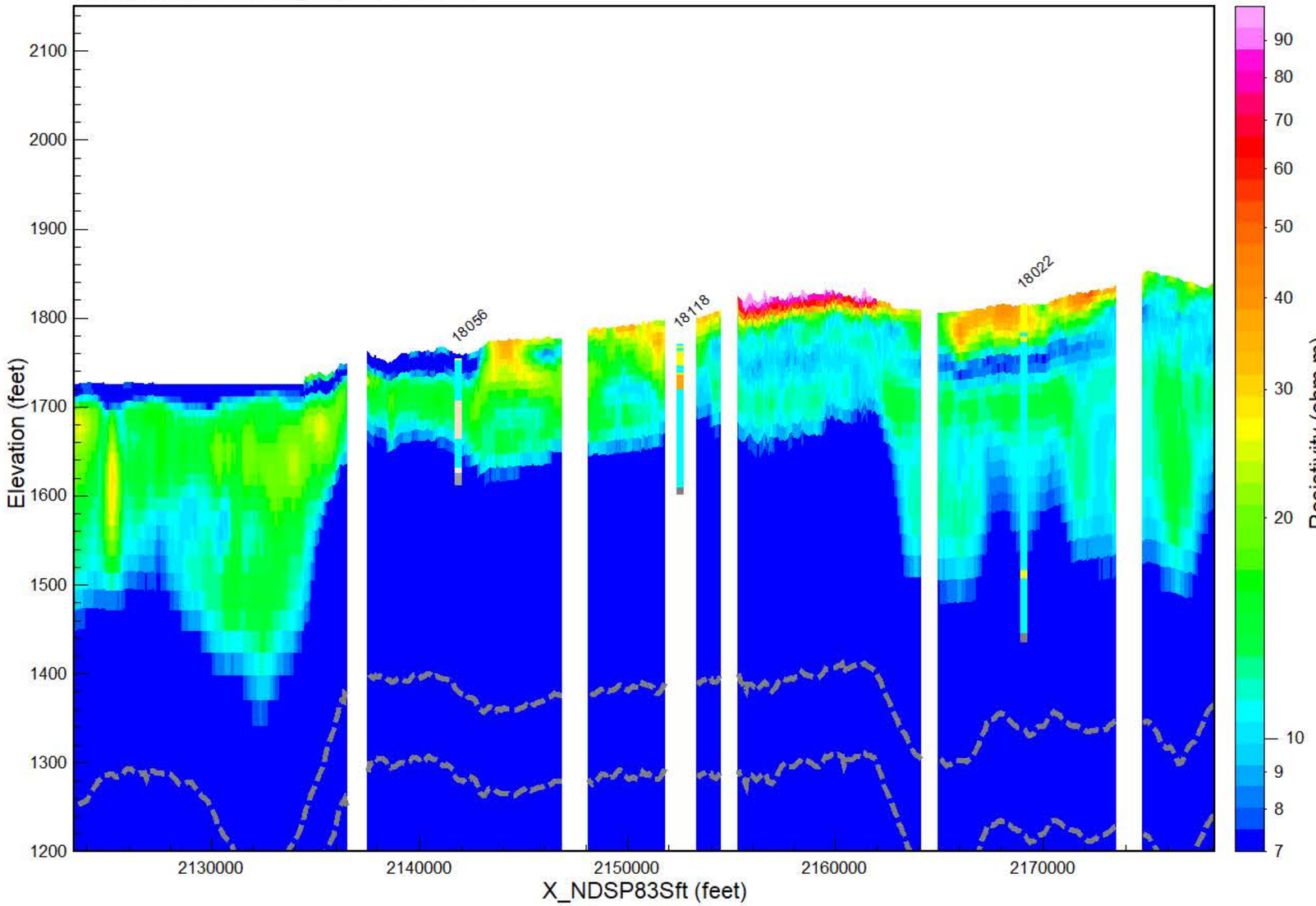
Flight Location Line L502401



AEM Survey Area 1



Final SCI Resistivity Line L502401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

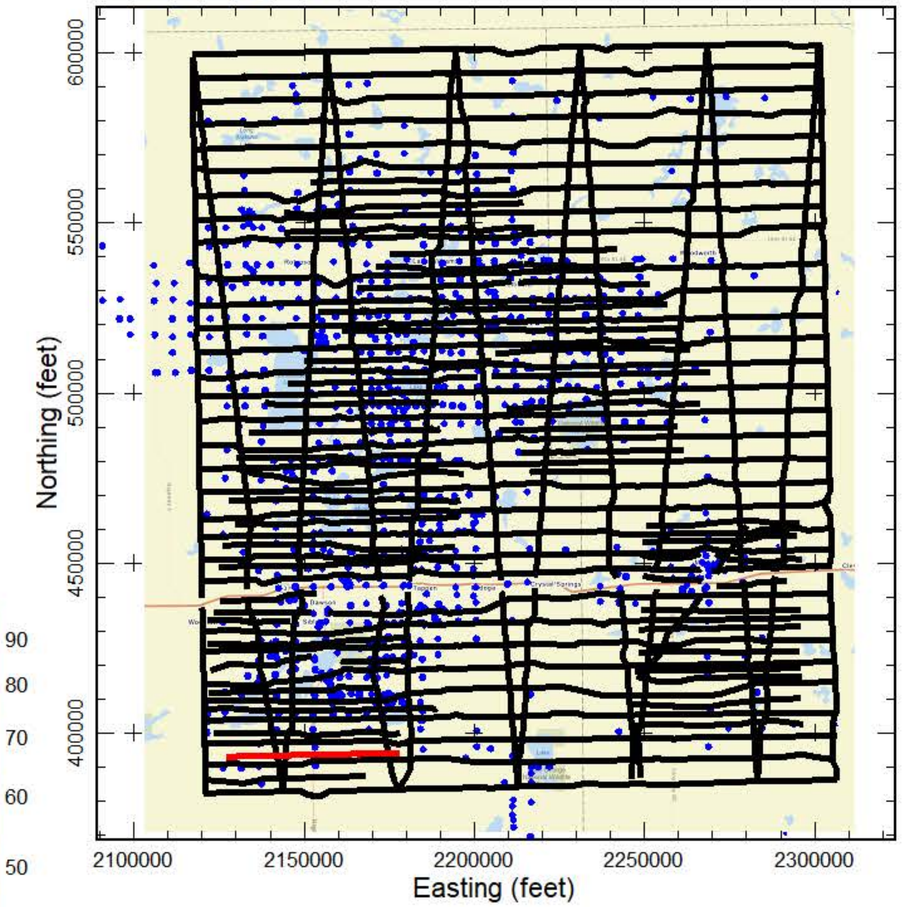
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

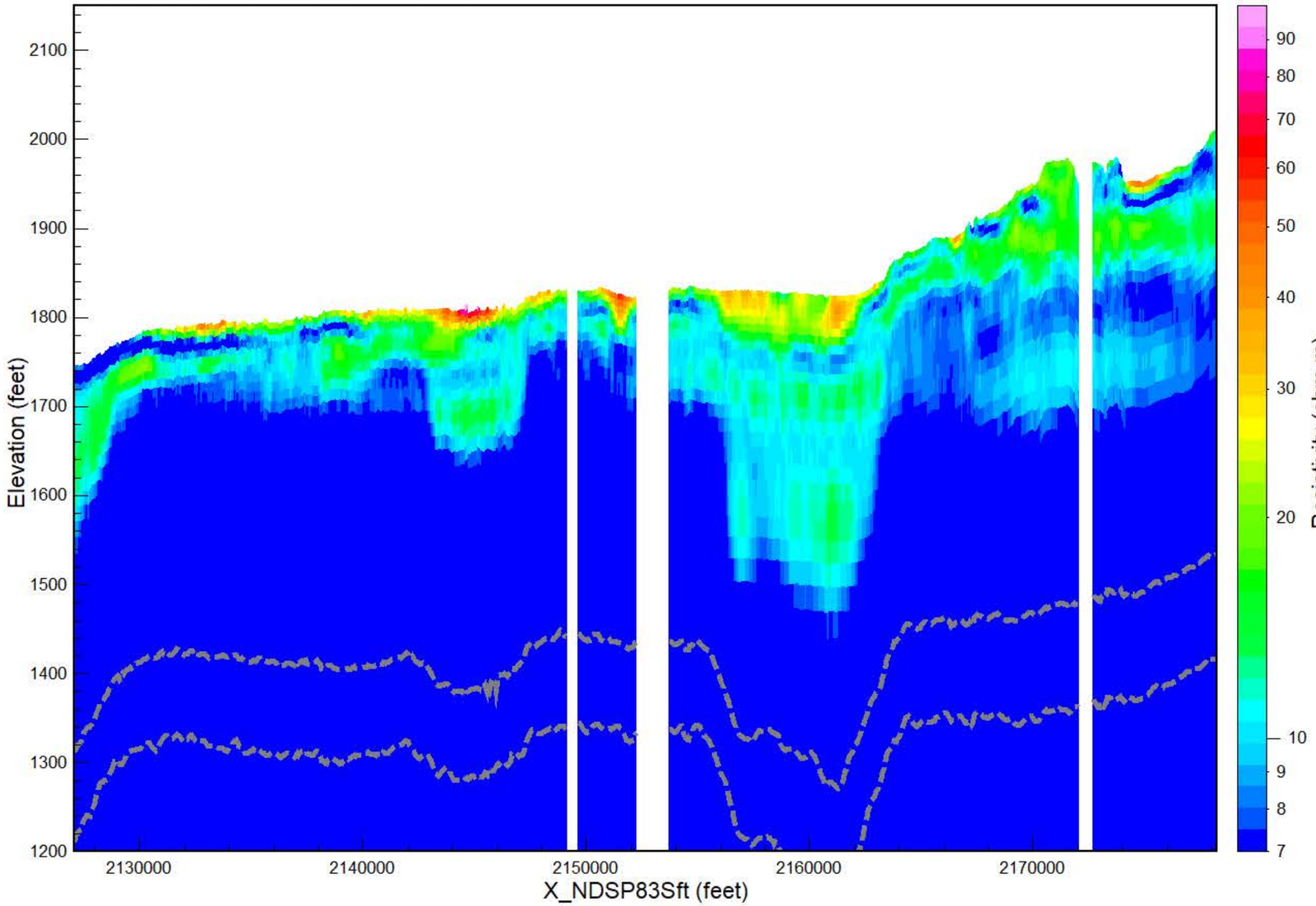
Flight Location Line L502501



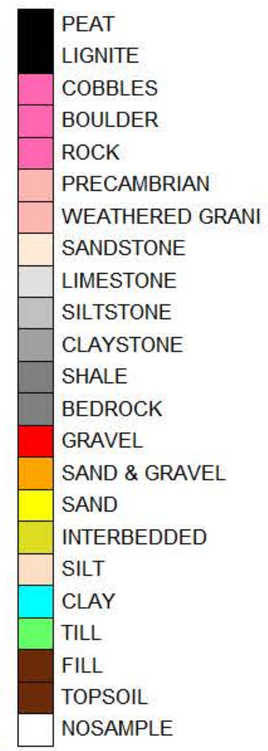
AEM Survey Area 1



Final SCI Resistivity Line L502501

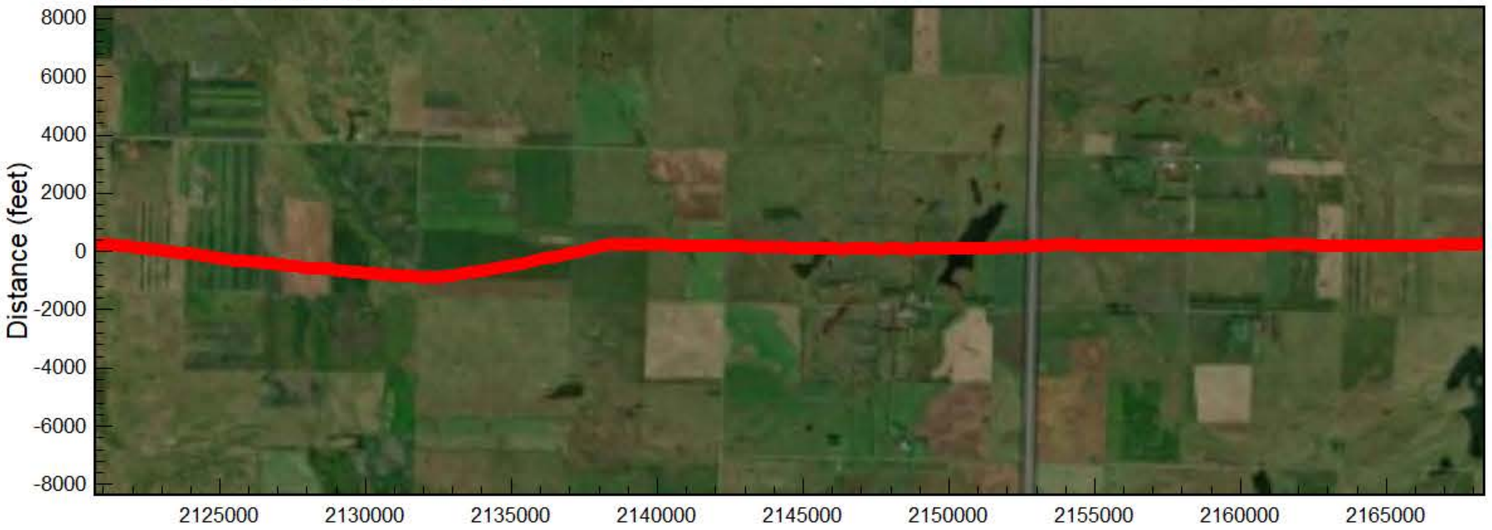


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

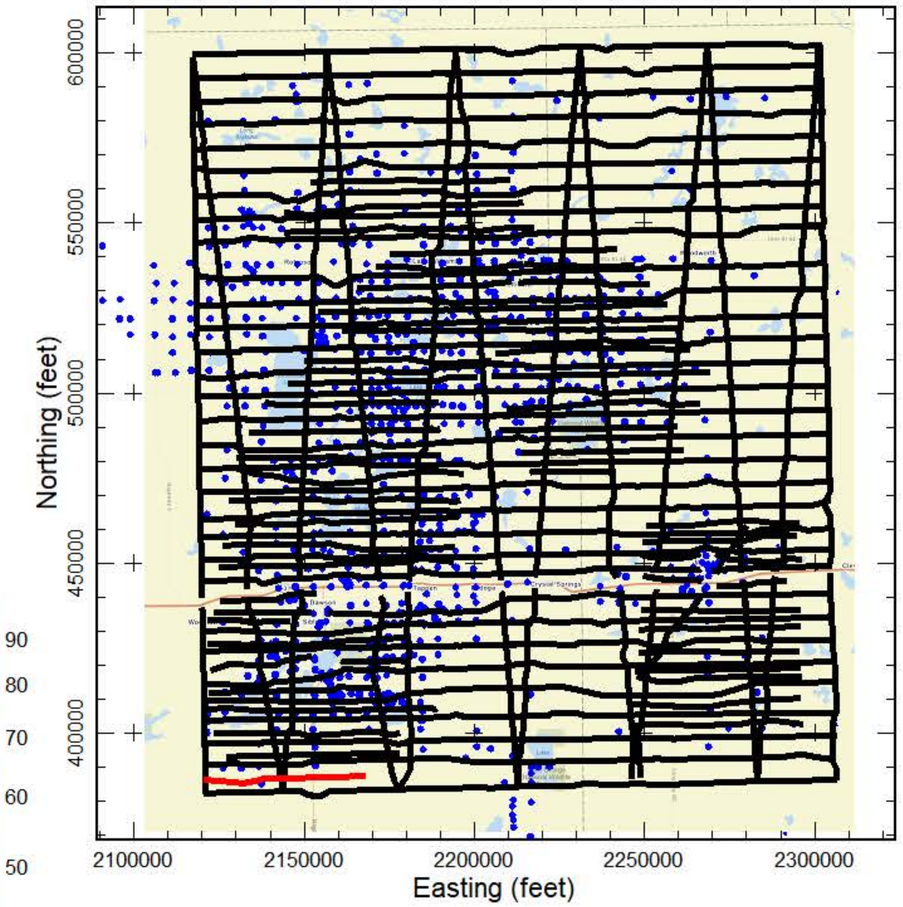


AGF
Aqua Geo Frameworks

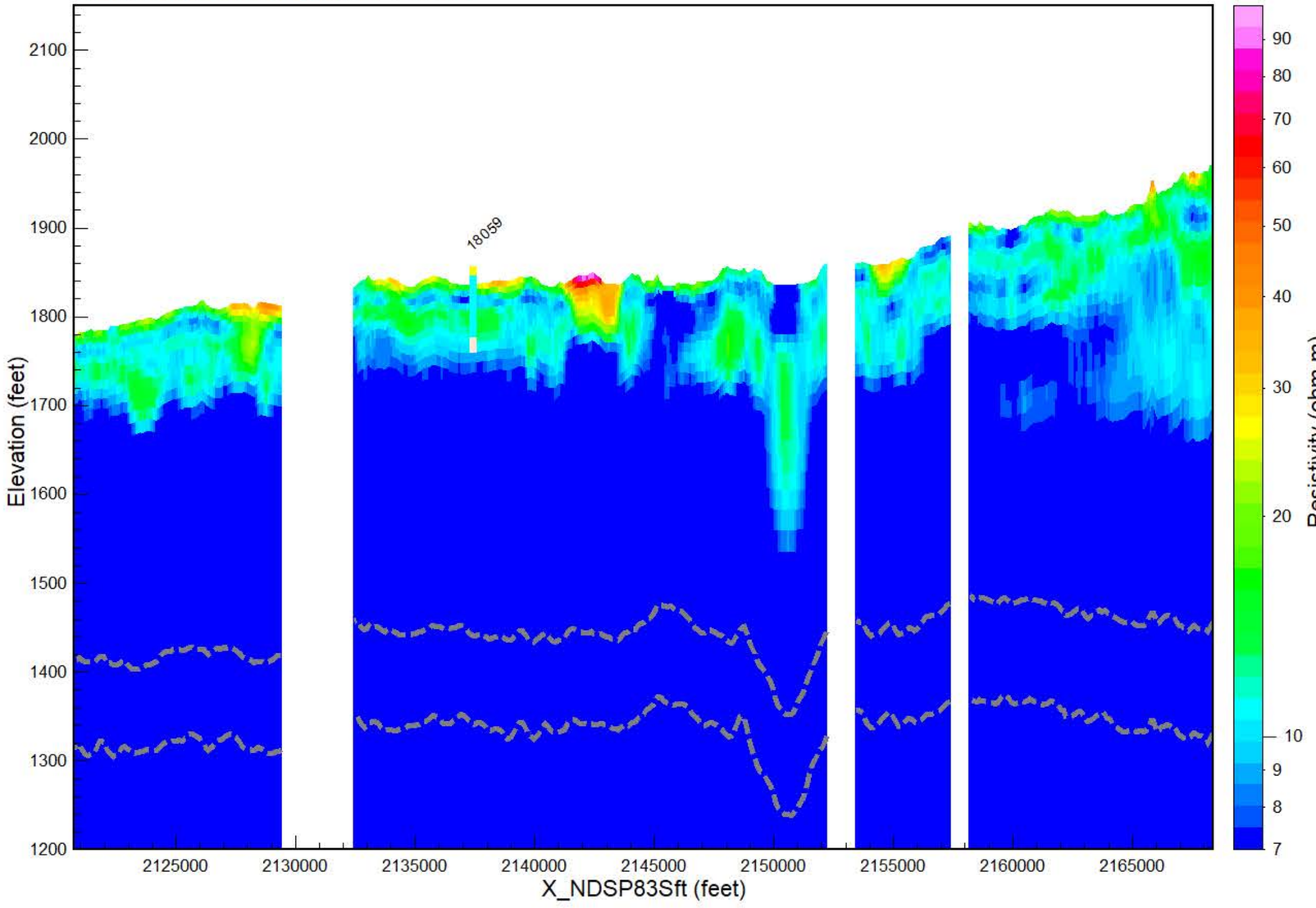
Flight Location Line L502611



AEM Survey Area 1



Final SCI Resistivity Line L502611



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

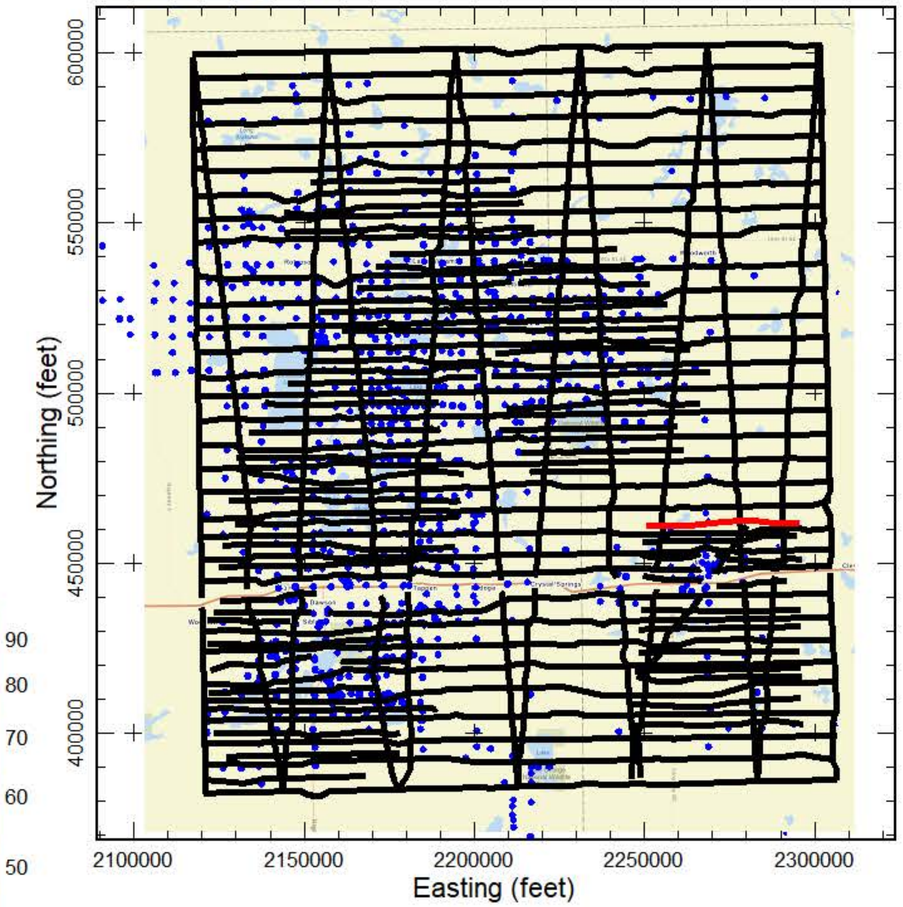
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

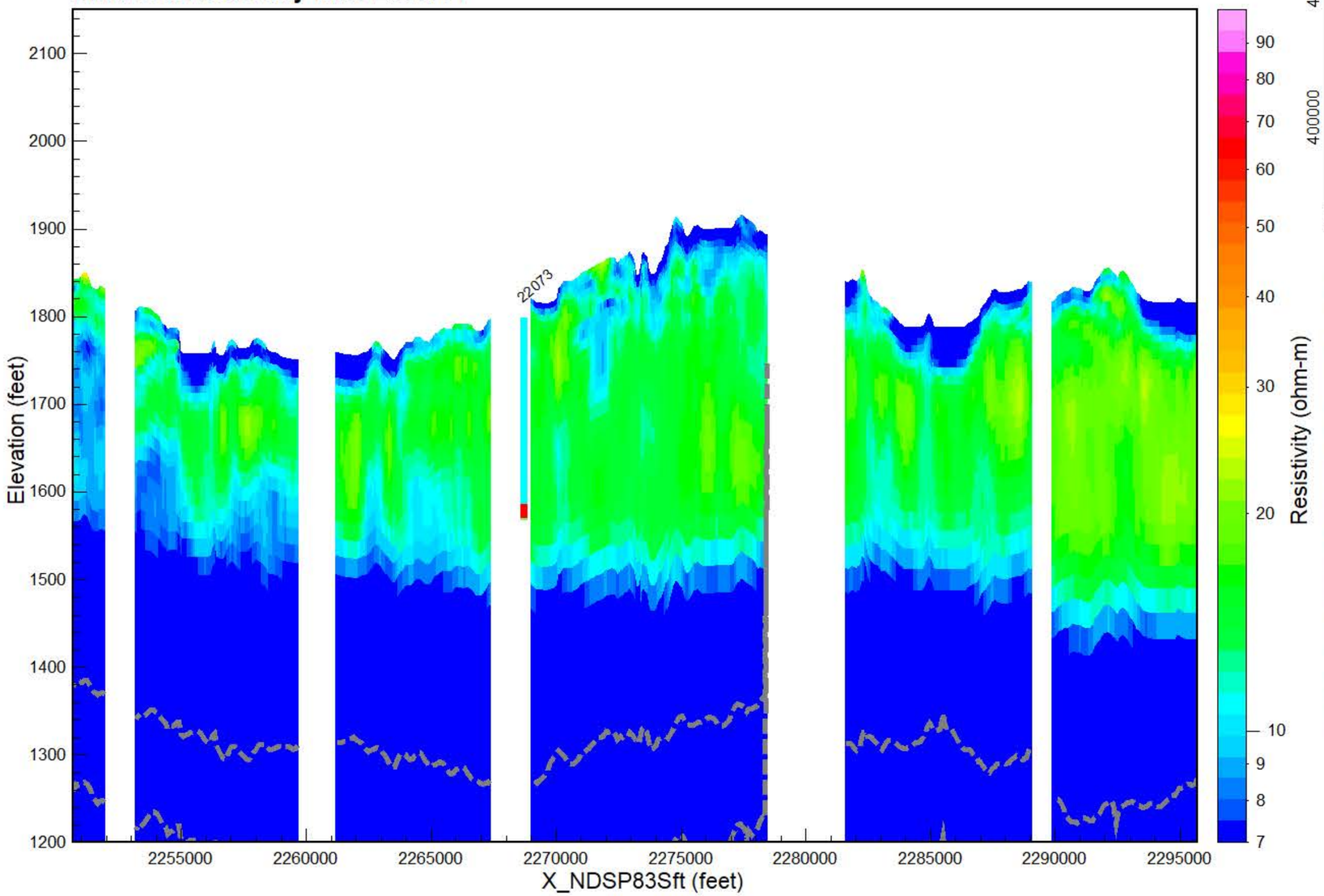
Flight Location Line L502701



AEM Survey Area 1



Final SCI Resistivity Line L502701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

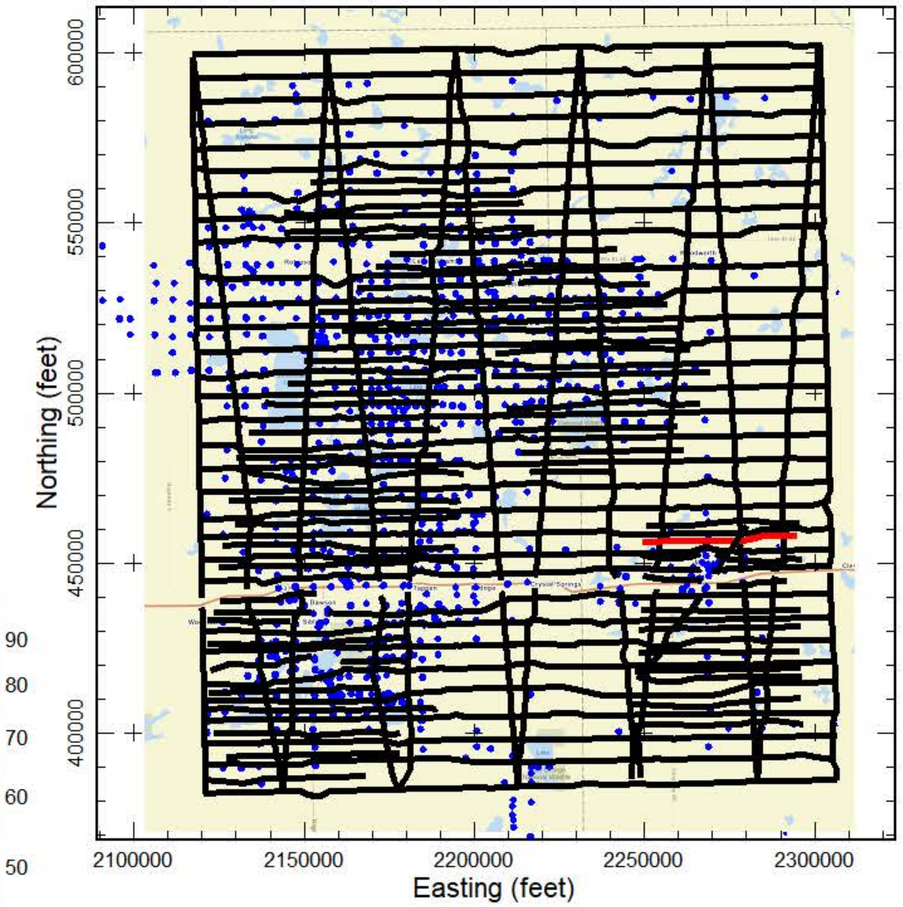
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

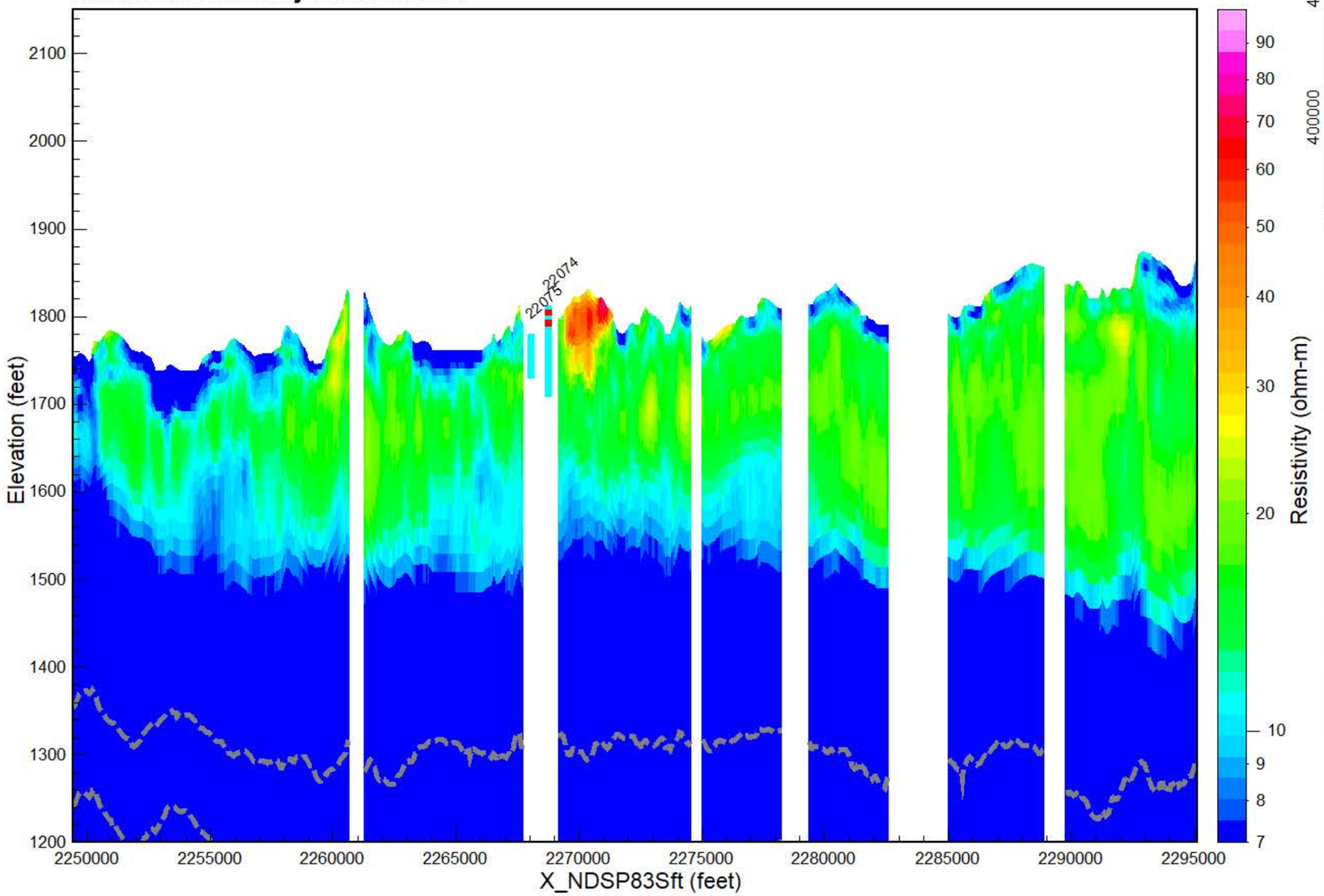
Flight Location Line L502801



AEM Survey Area 1



Final SCI Resistivity Line L502801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

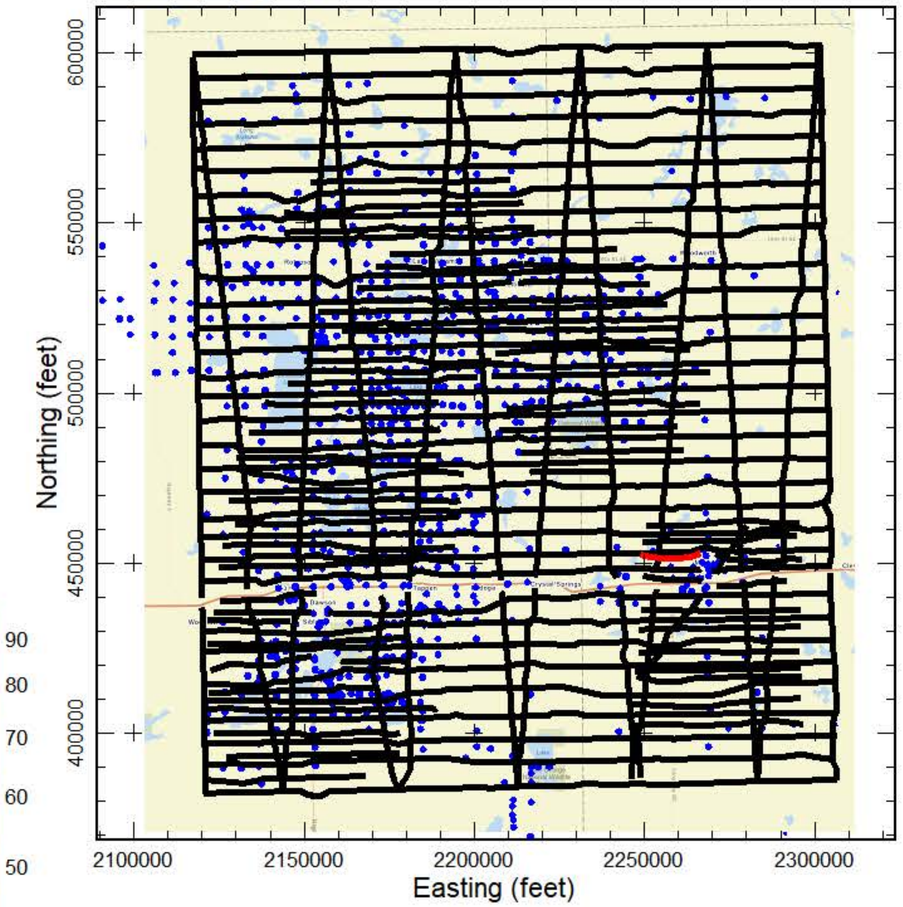
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

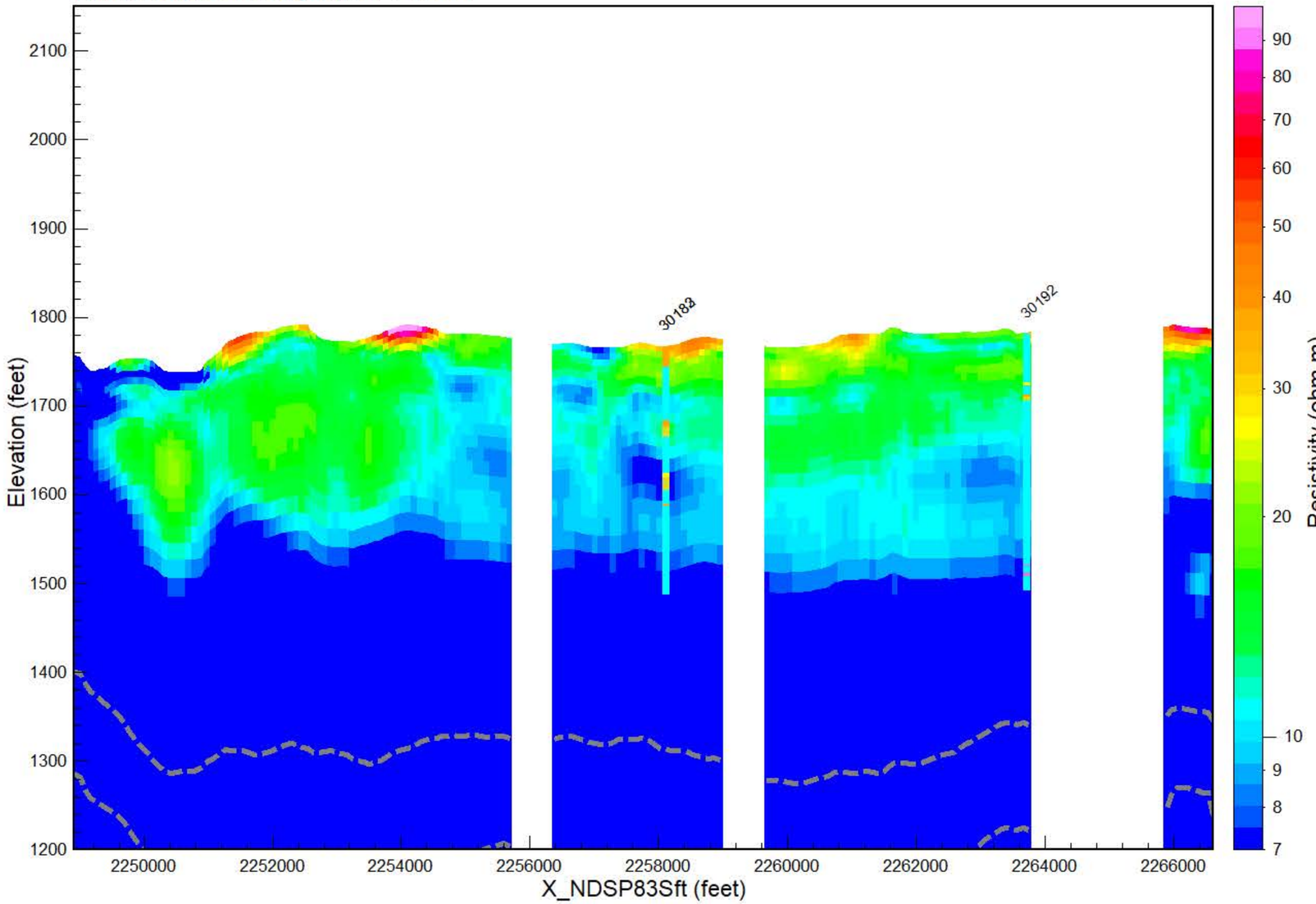
Flight Location Line L502901



AEM Survey Area 1



Final SCI Resistivity Line L502901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

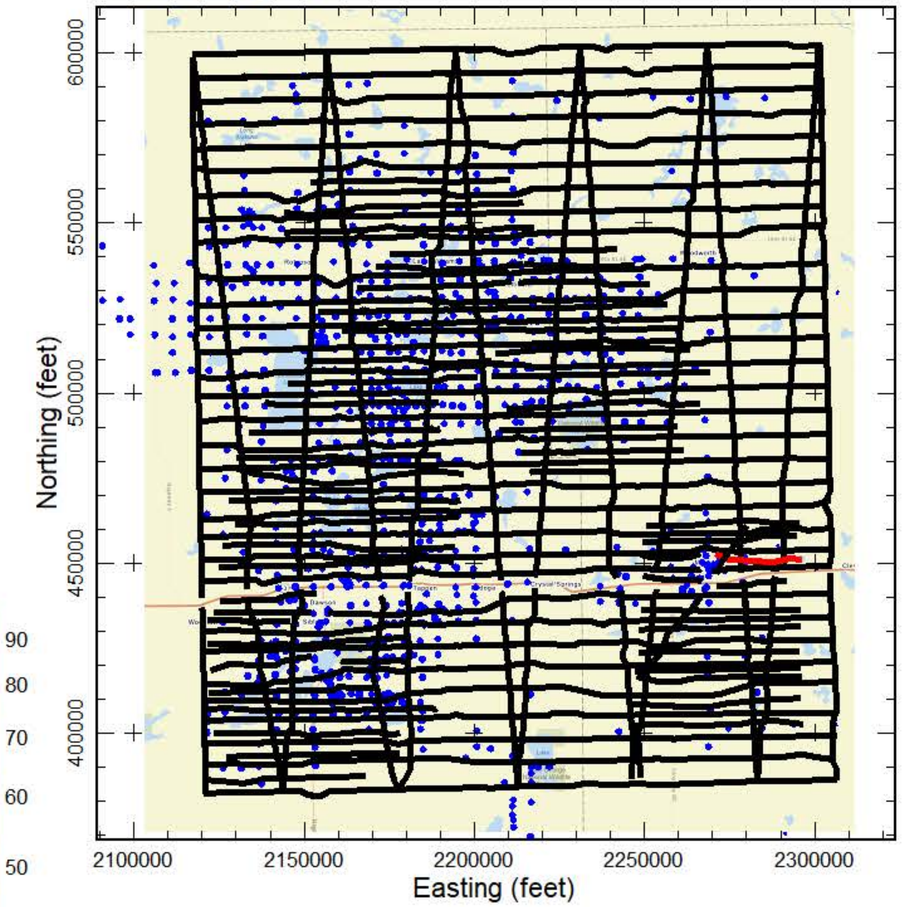
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

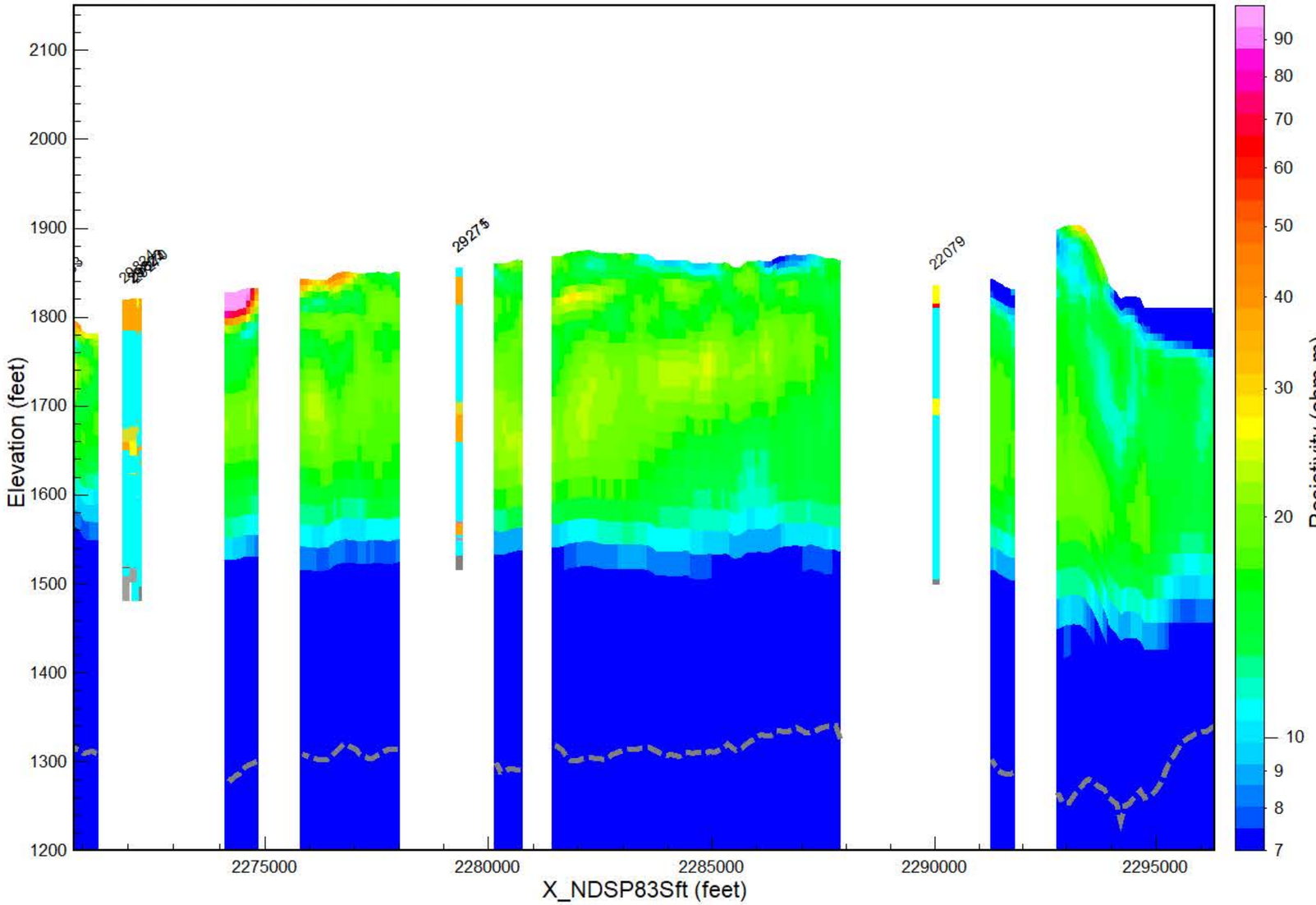
Flight Location Line L503001



AEM Survey Area 1



Final SCI Resistivity Line L503001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

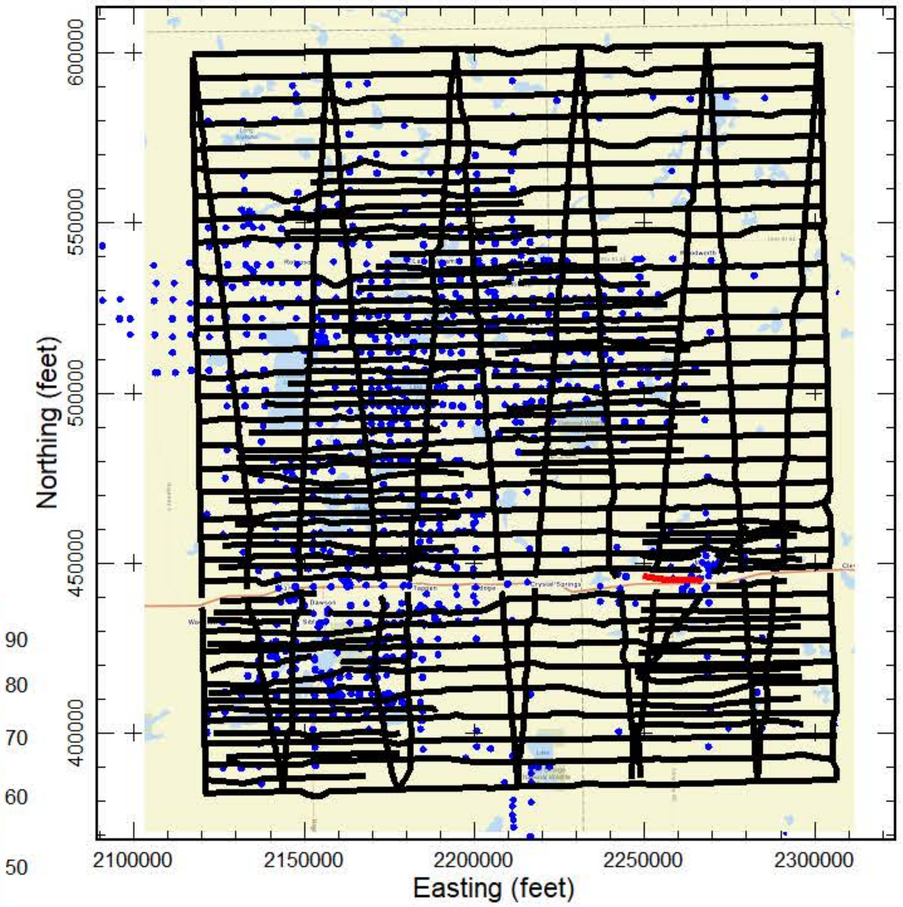
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

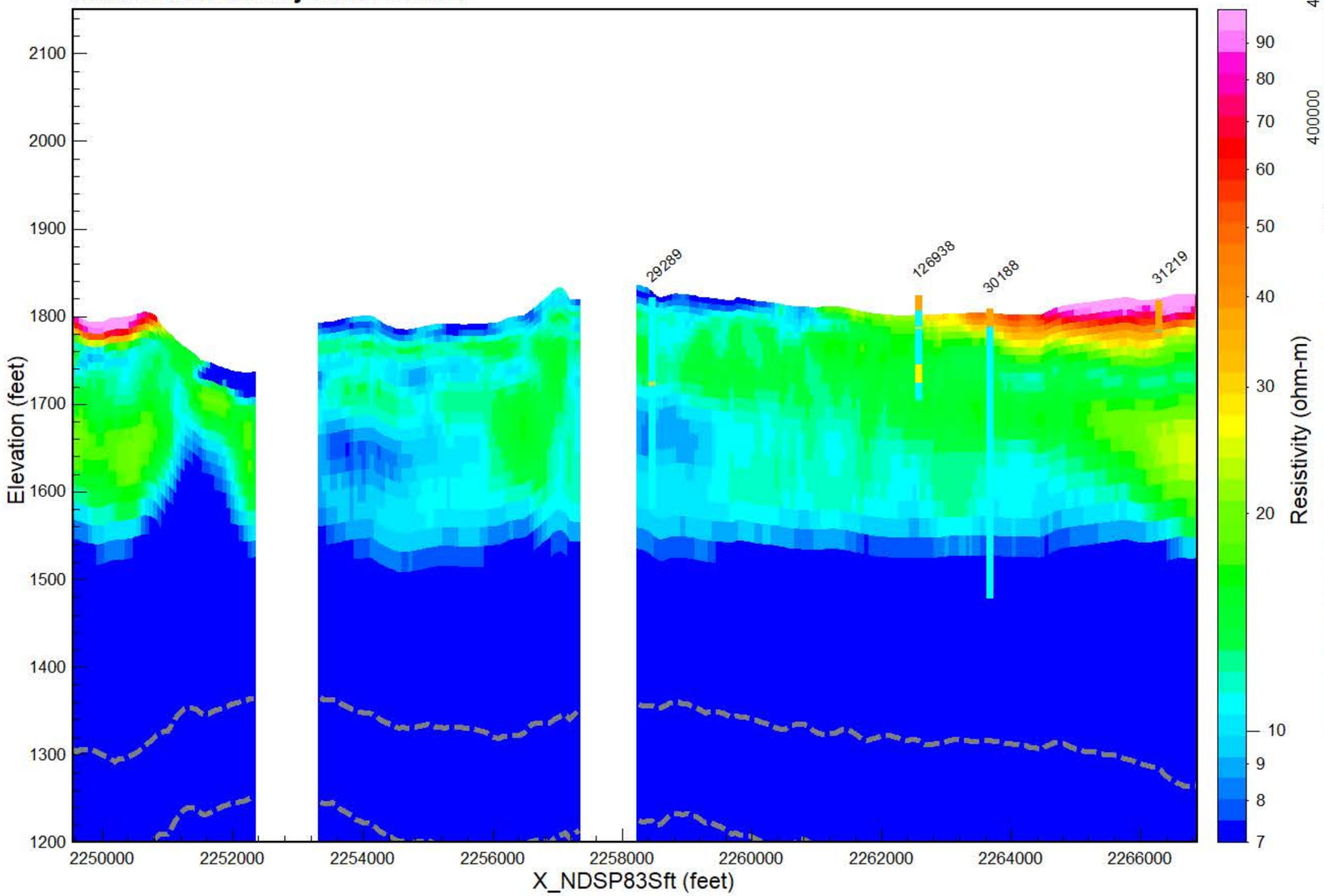
Flight Location Line L503101



AEM Survey Area 1



Final SCI Resistivity Line L503101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

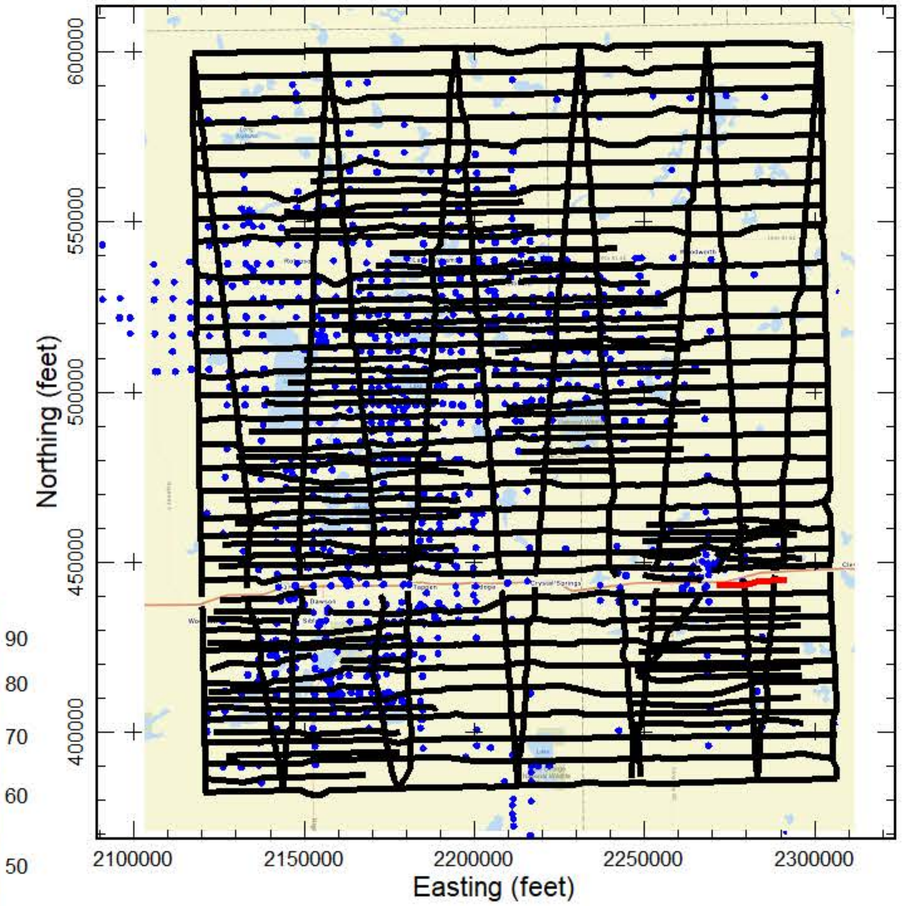
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

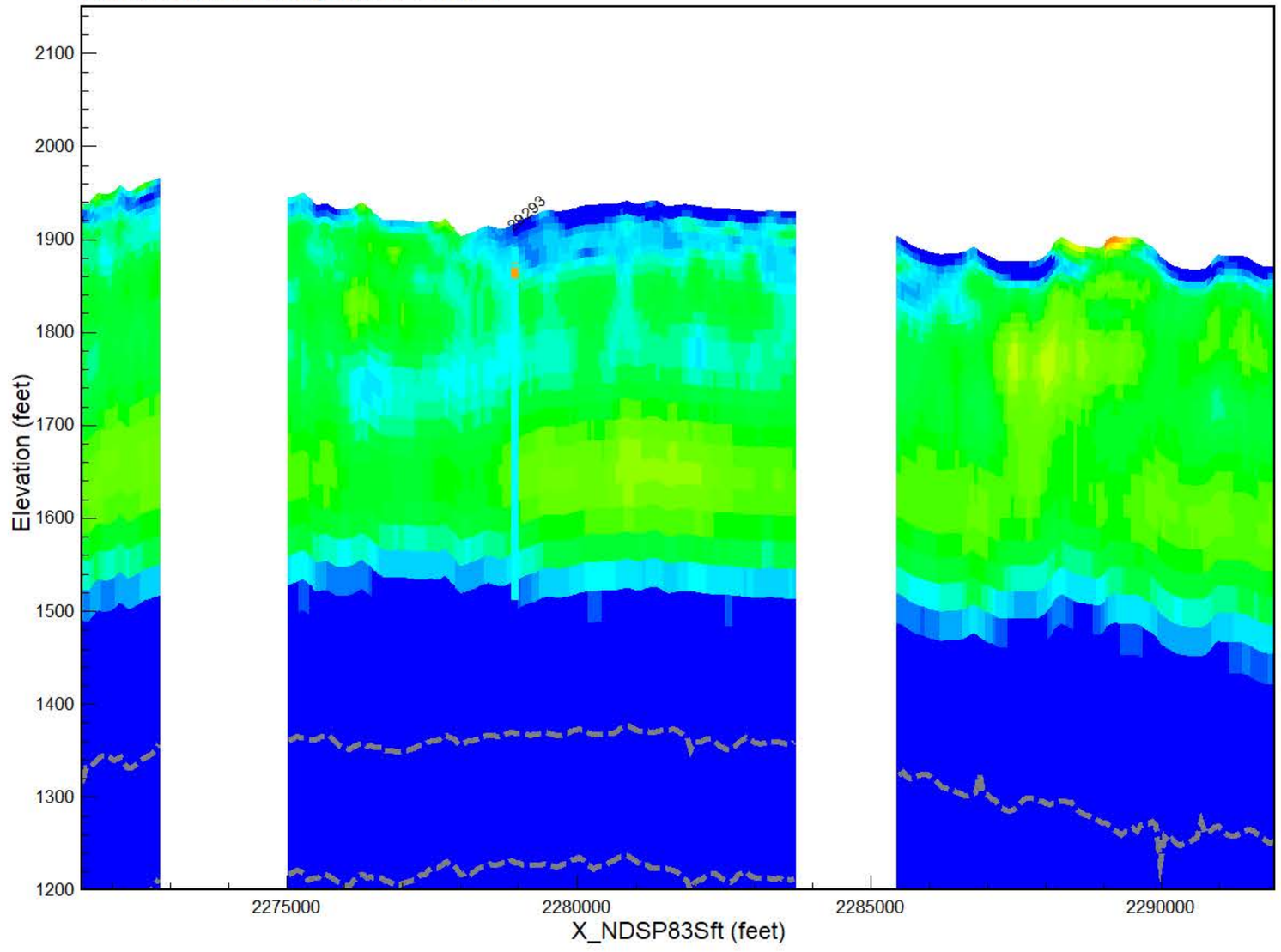
Flight Location Line L503201



AEM Survey Area 1



Final SCI Resistivity Line L503201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

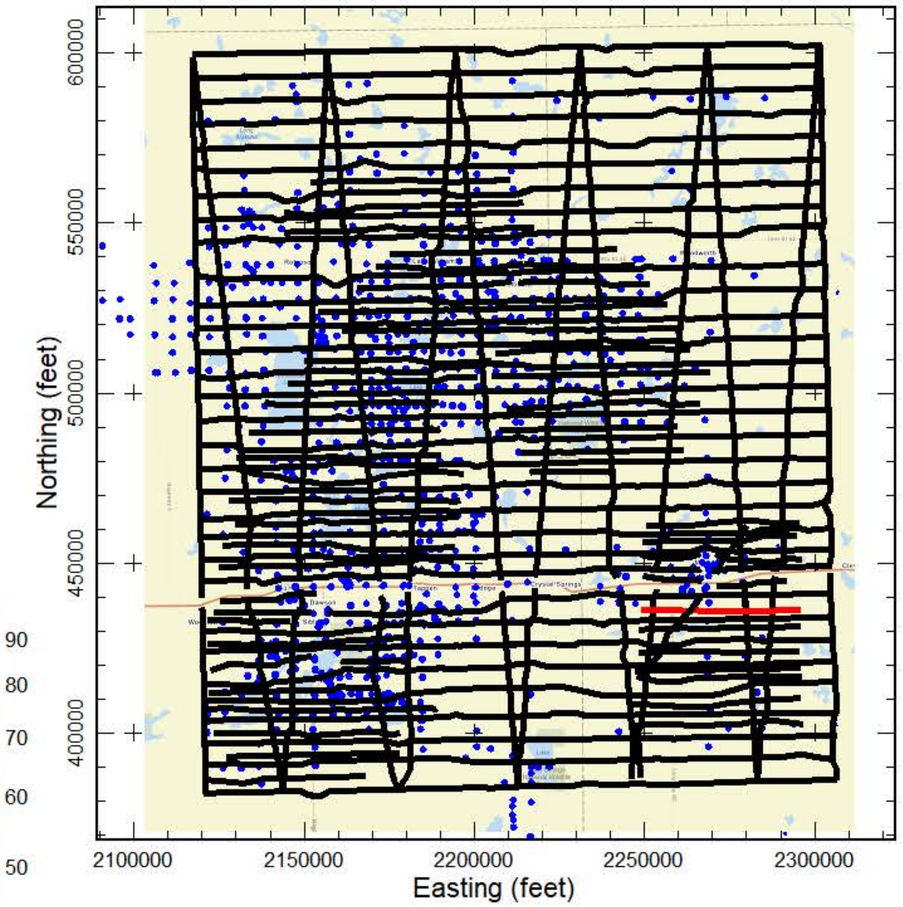
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

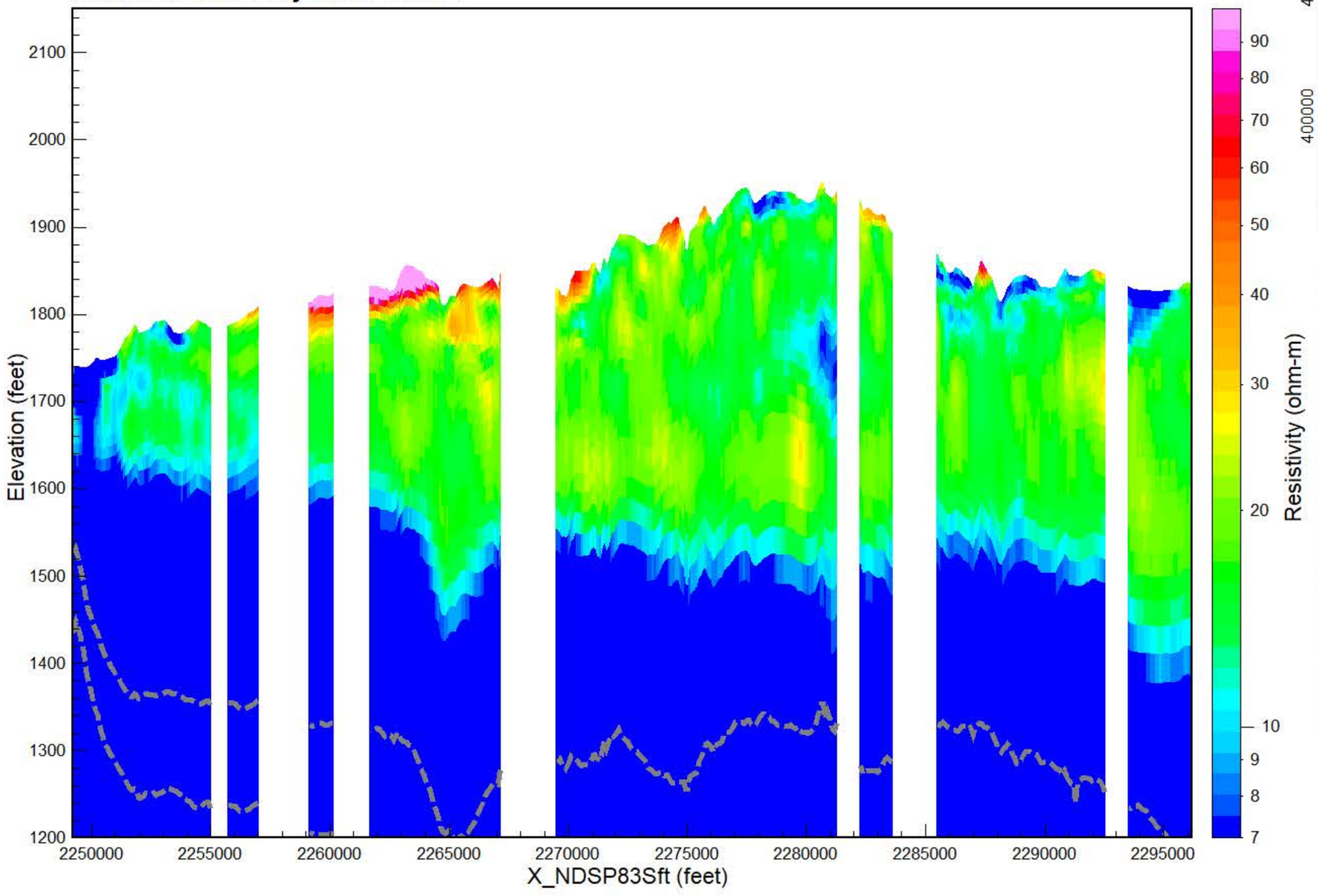
Flight Location Line L503301



AEM Survey Area 1



Final SCI Resistivity Line L503301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

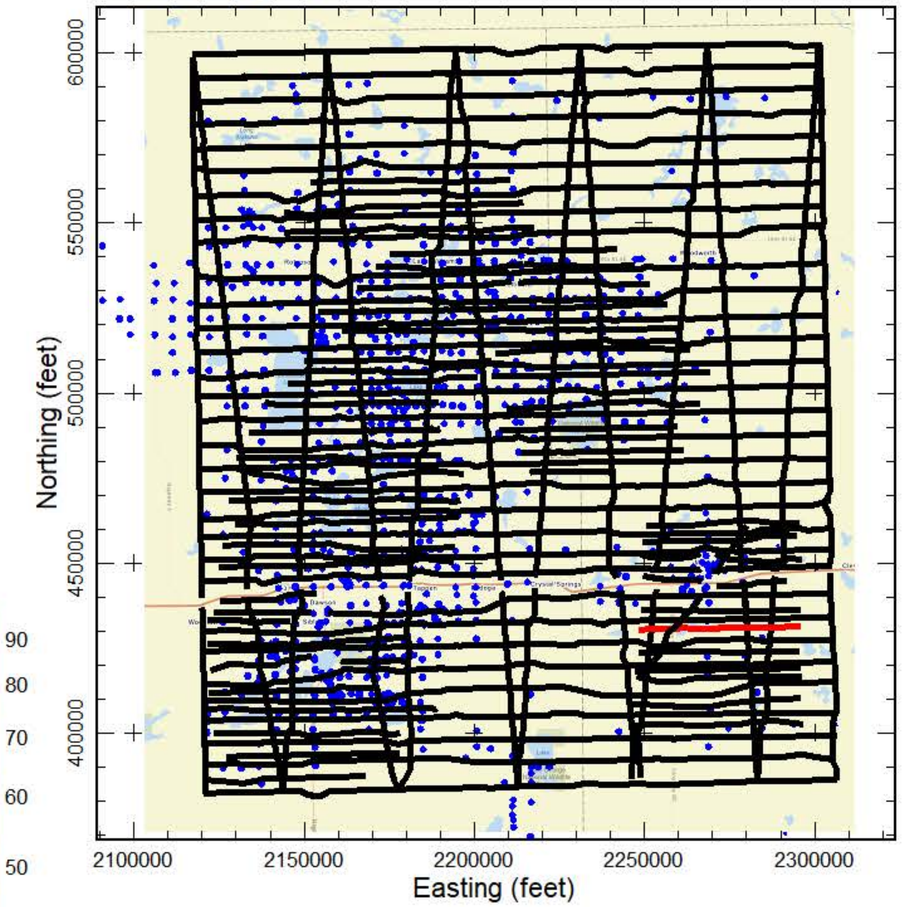
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

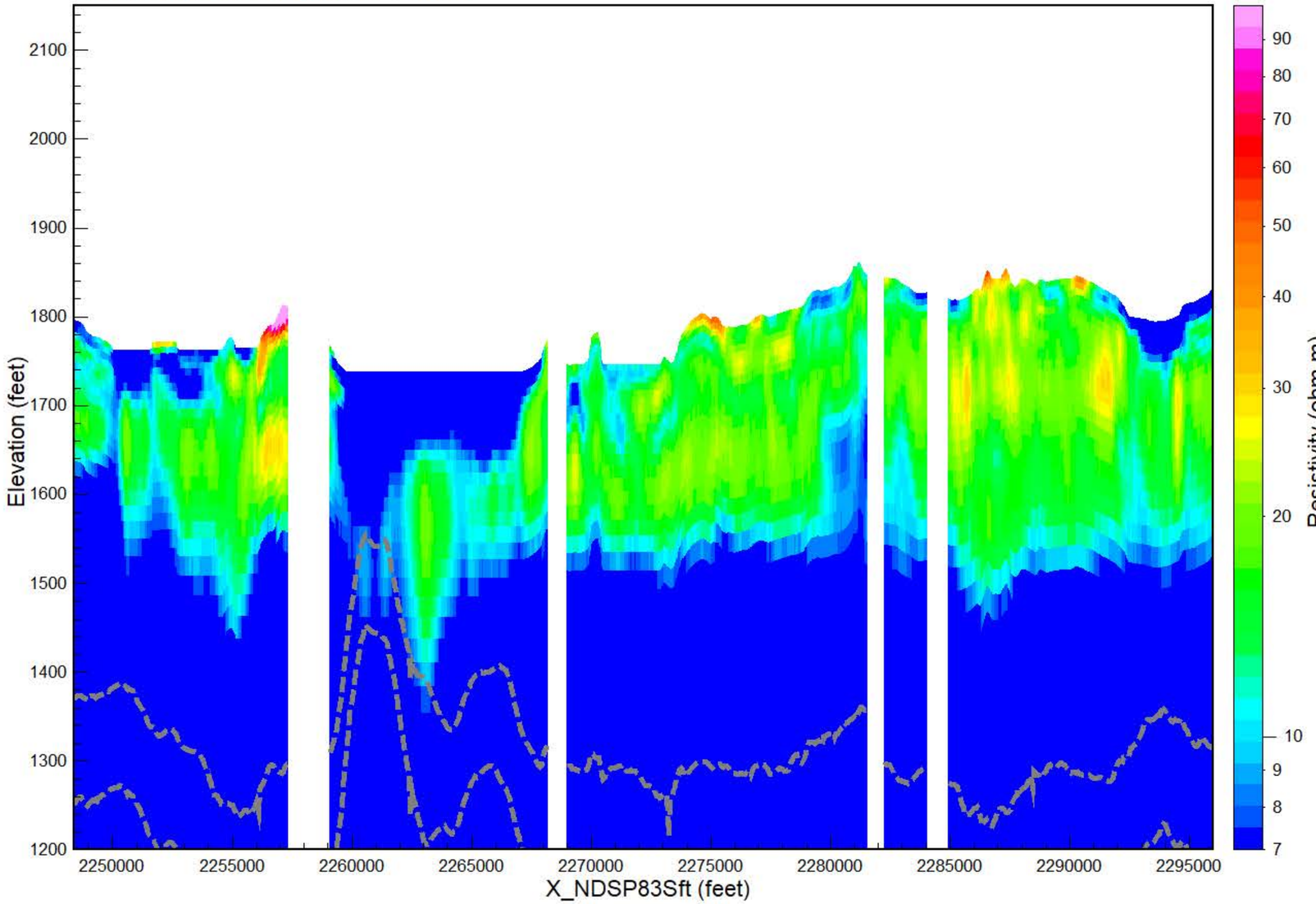
Flight Location Line L503401



AEM Survey Area 1



Final SCI Resistivity Line L503401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

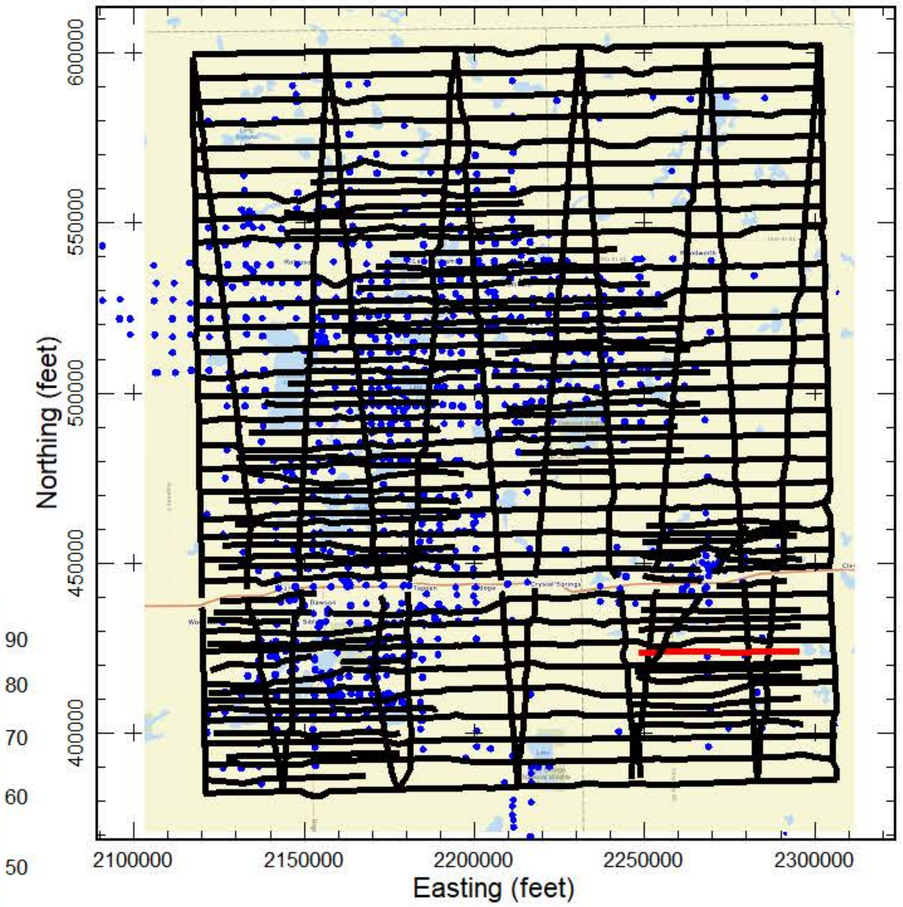
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

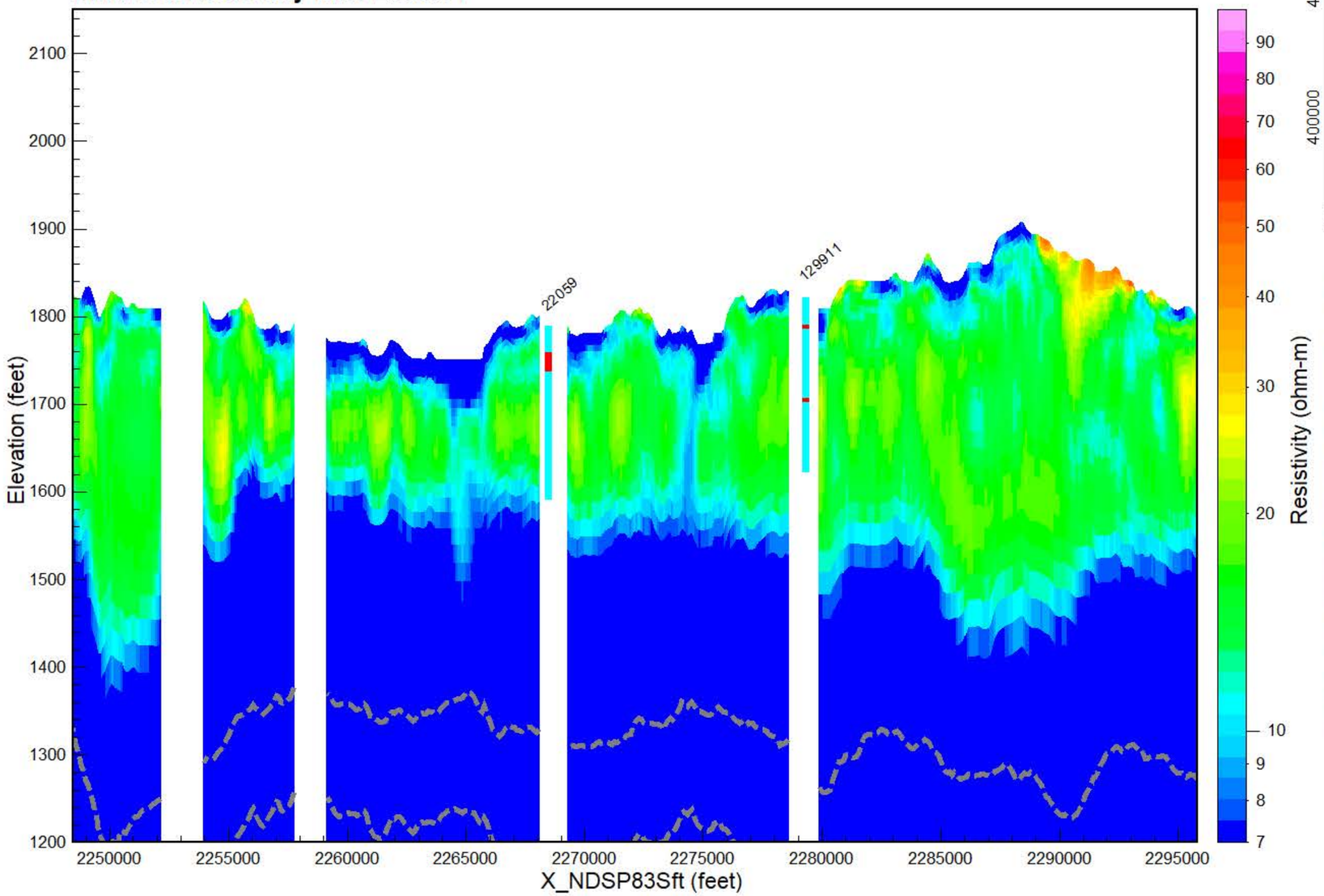
Flight Location Line L503501



AEM Survey Area 1



Final SCI Resistivity Line L503501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

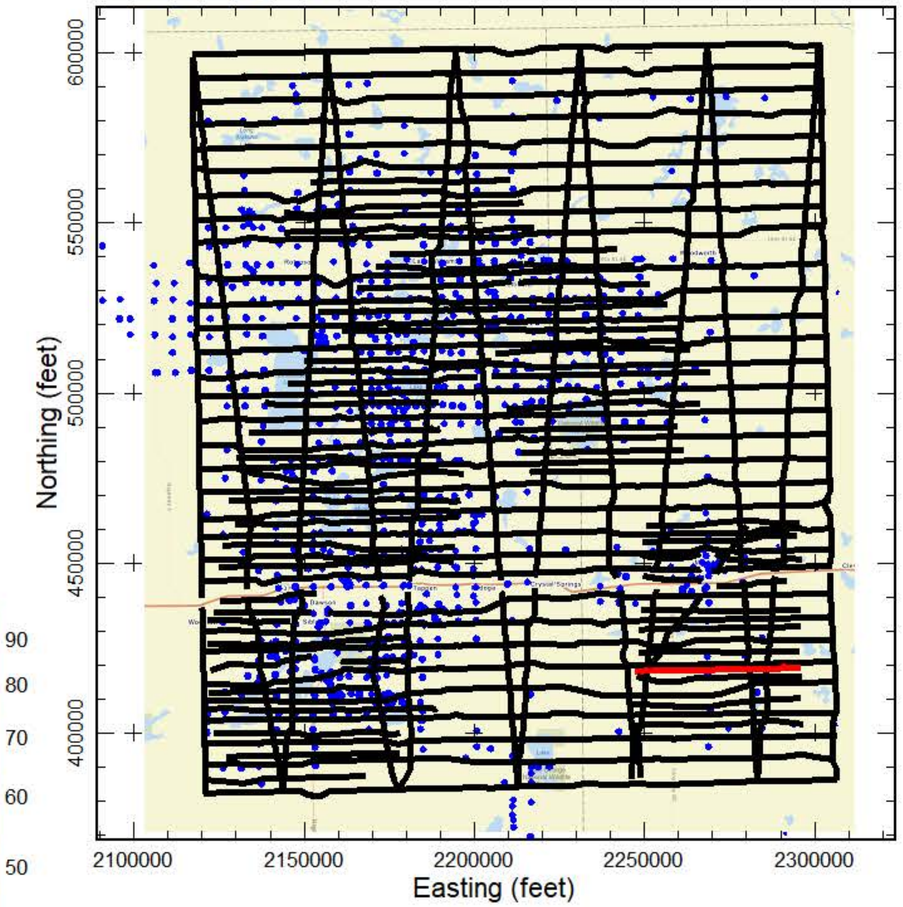
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

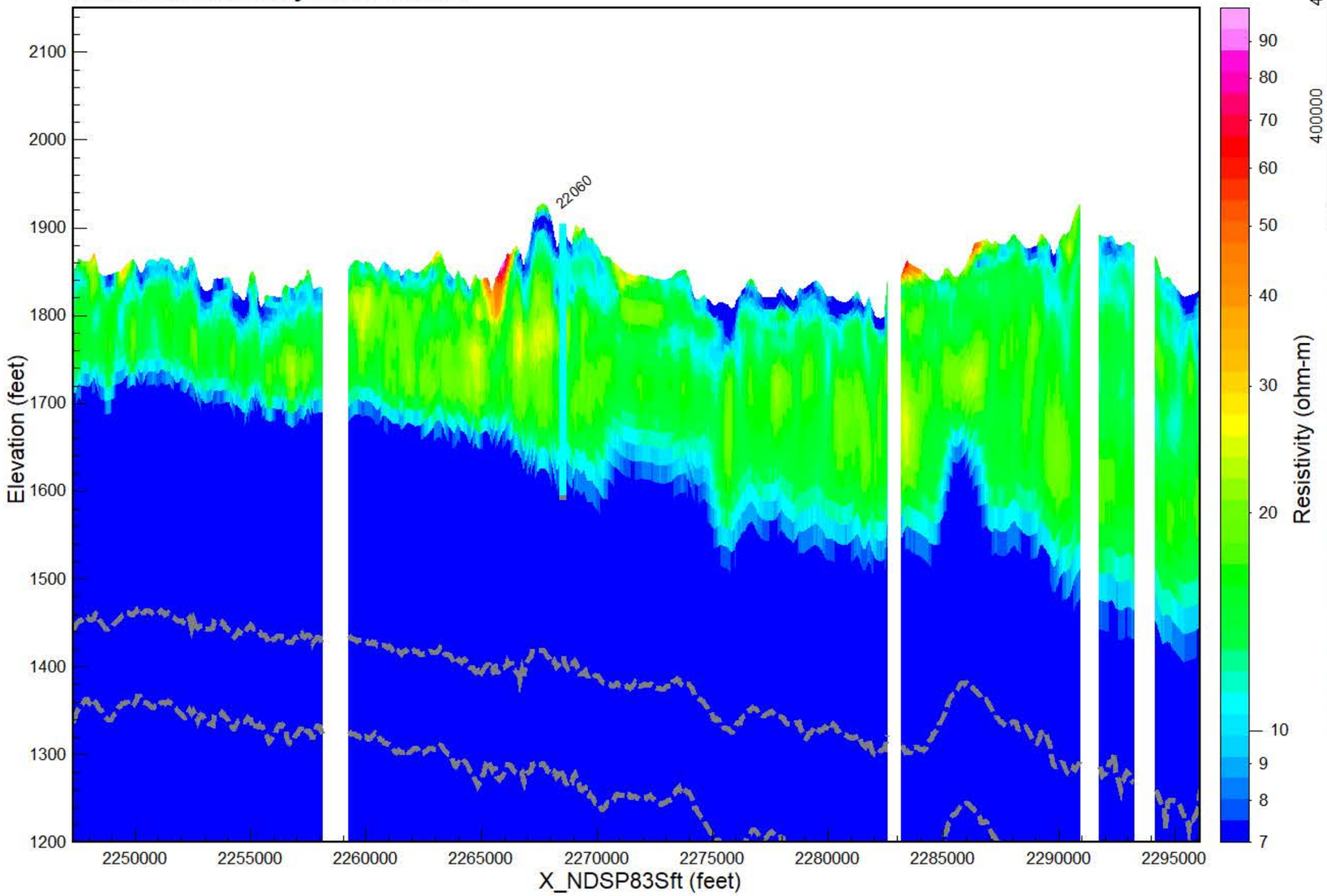
Flight Location Line L503601



AEM Survey Area 1



Final SCI Resistivity Line L503601



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

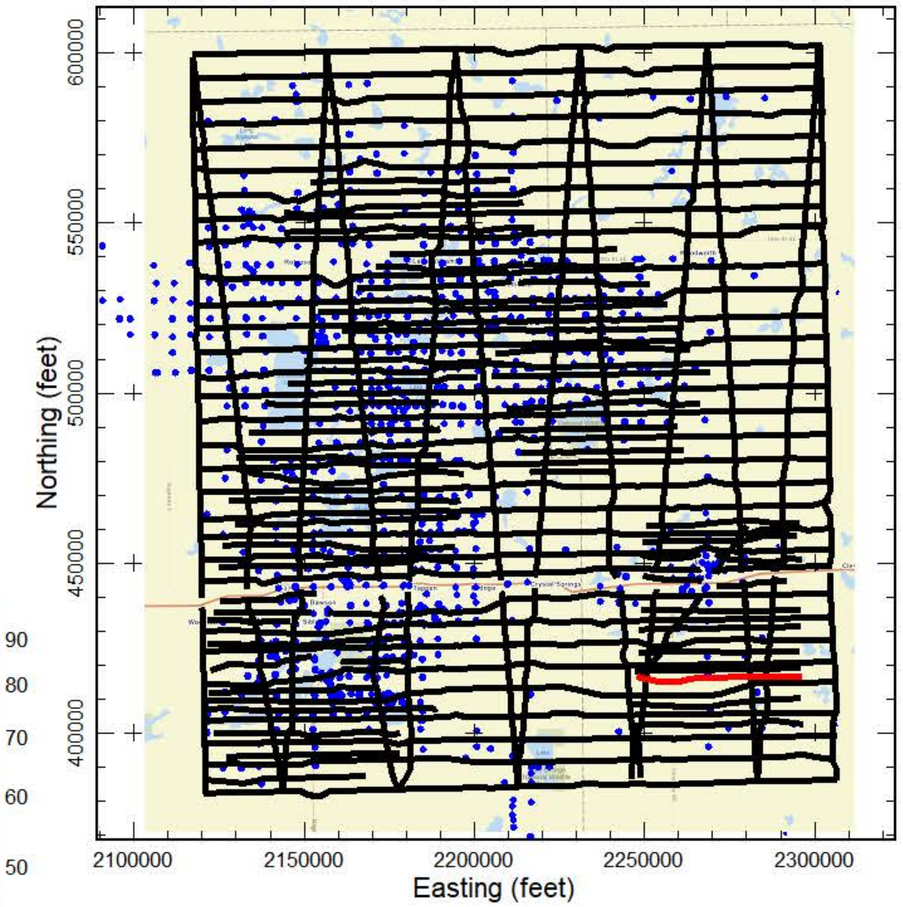
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

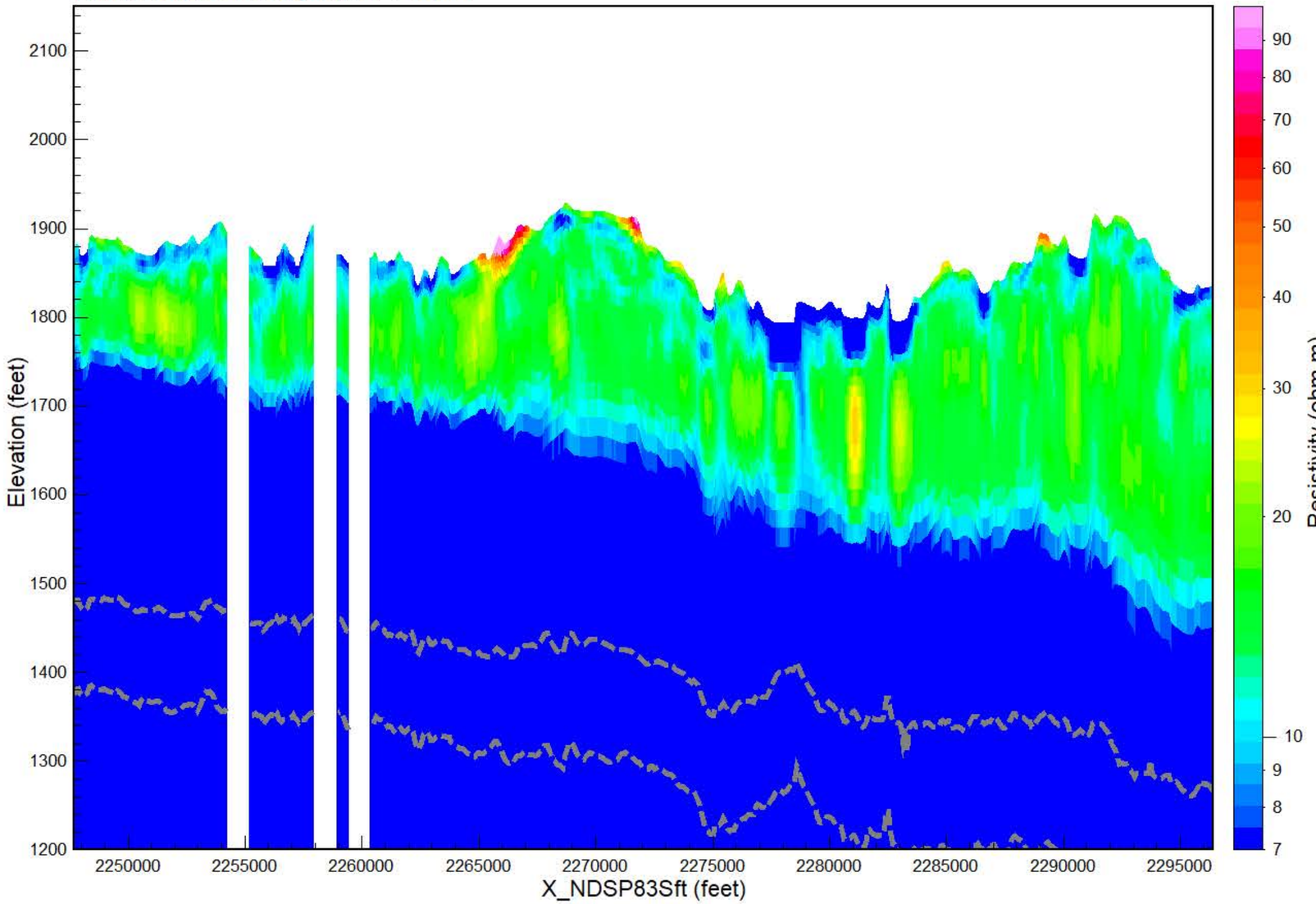
Flight Location Line L503701



AEM Survey Area 1



Final SCI Resistivity Line L503701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

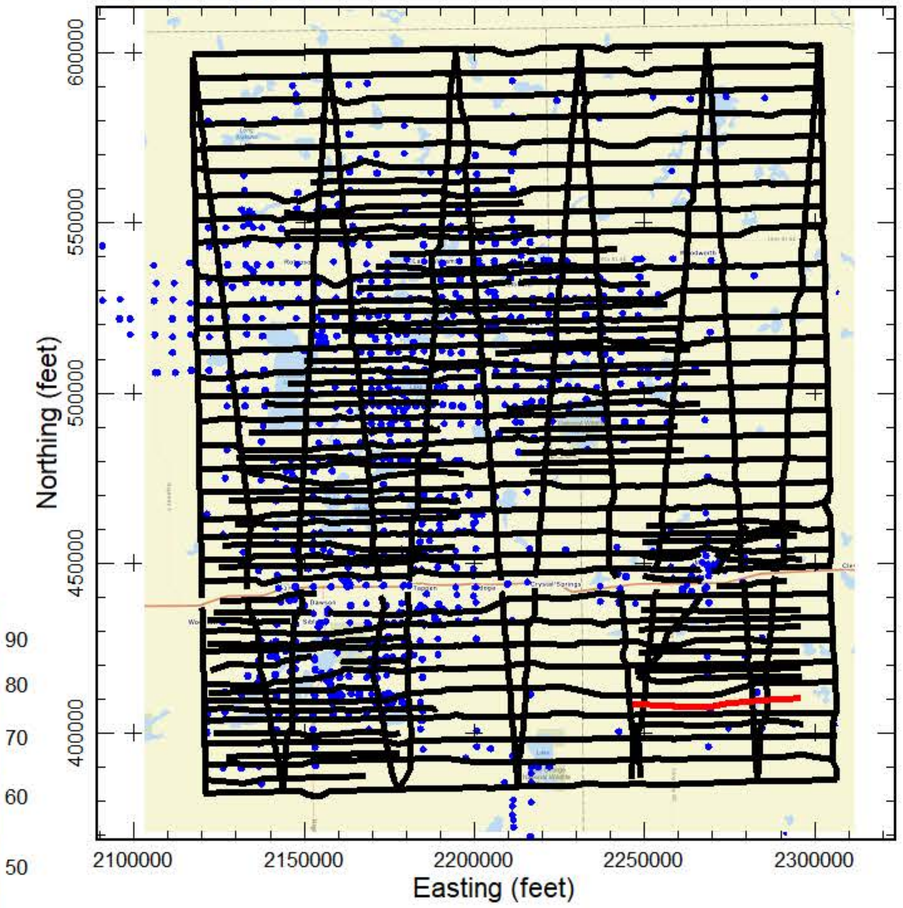
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

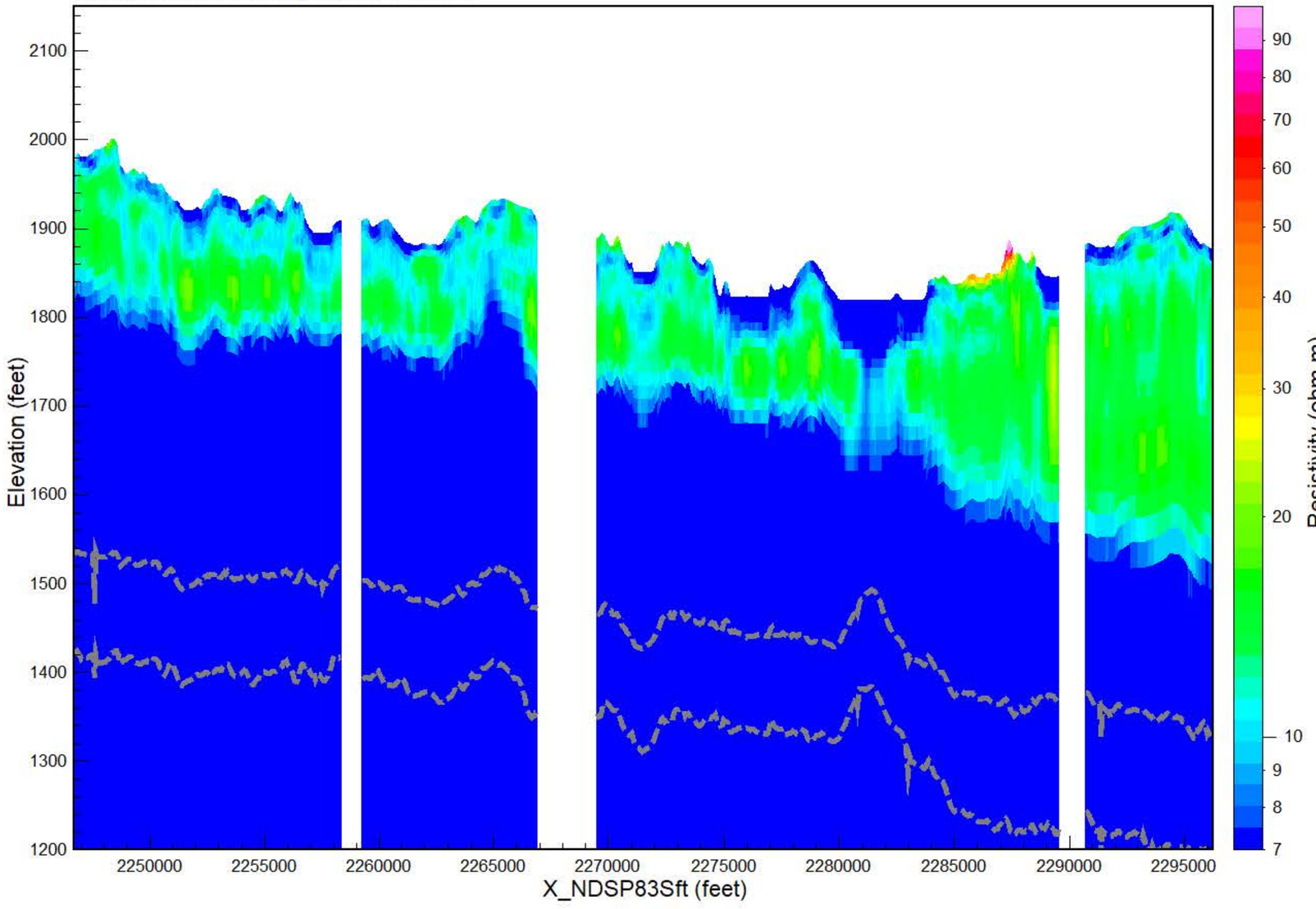
Flight Location Line L503801



AEM Survey Area 1



Final SCI Resistivity Line L503801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

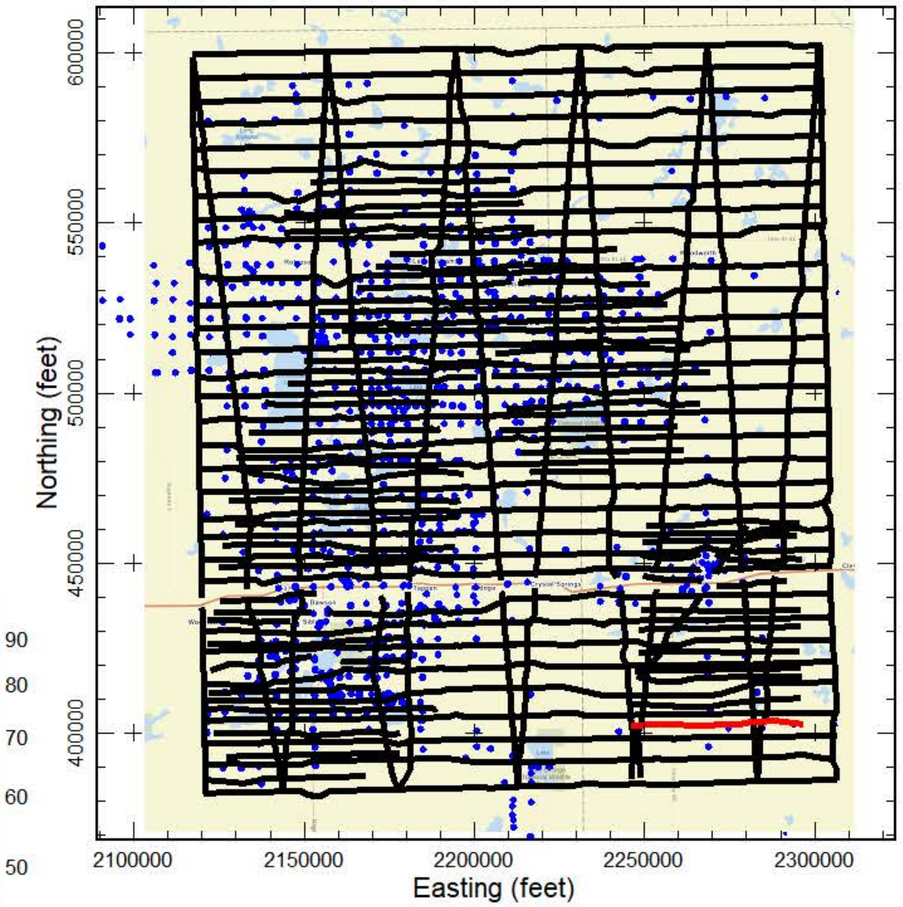
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

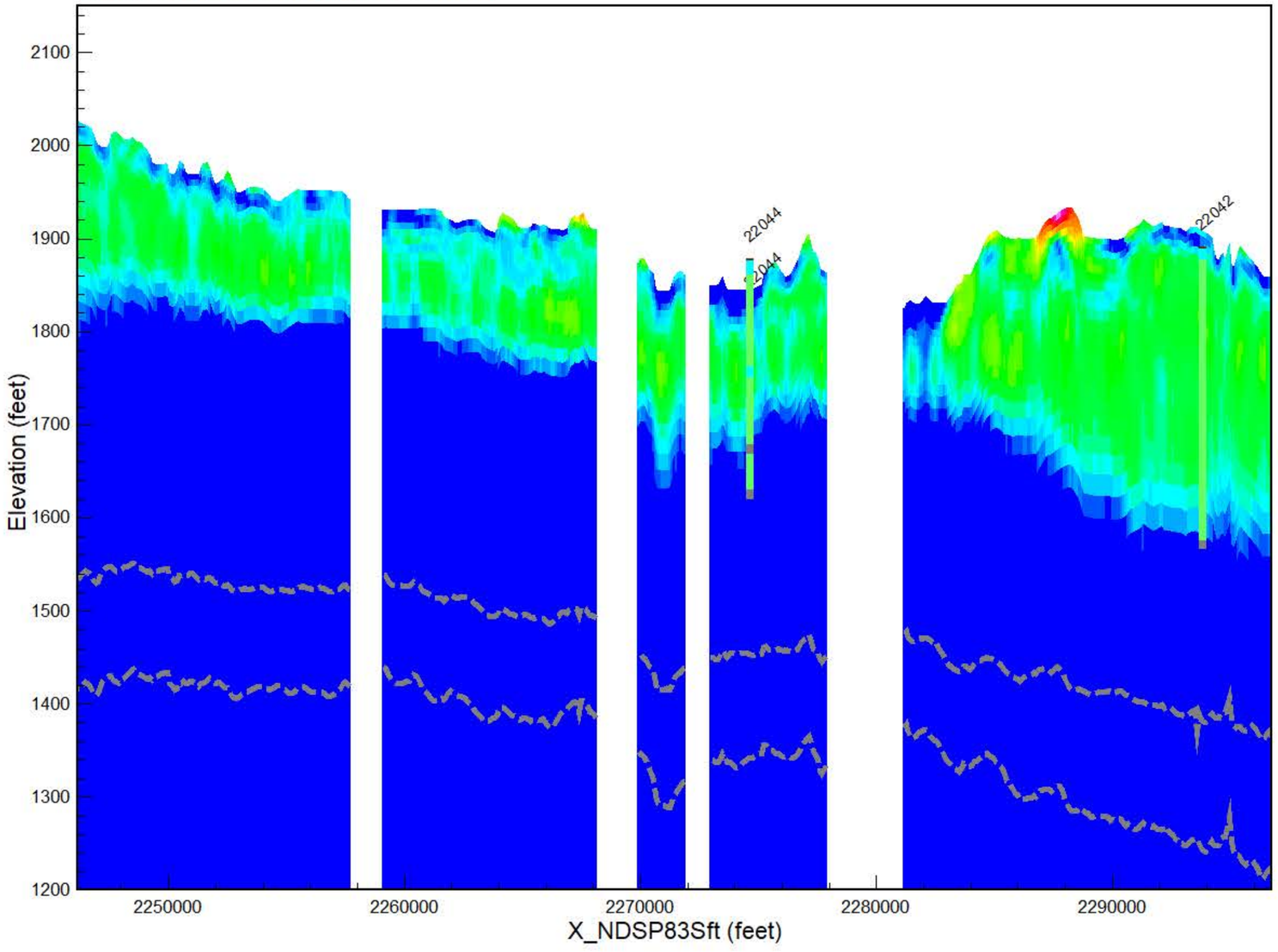
Flight Location Line L503901

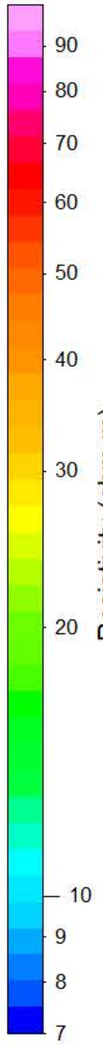


AEM Survey Area 1



Final SCI Resistivity Line L503901





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

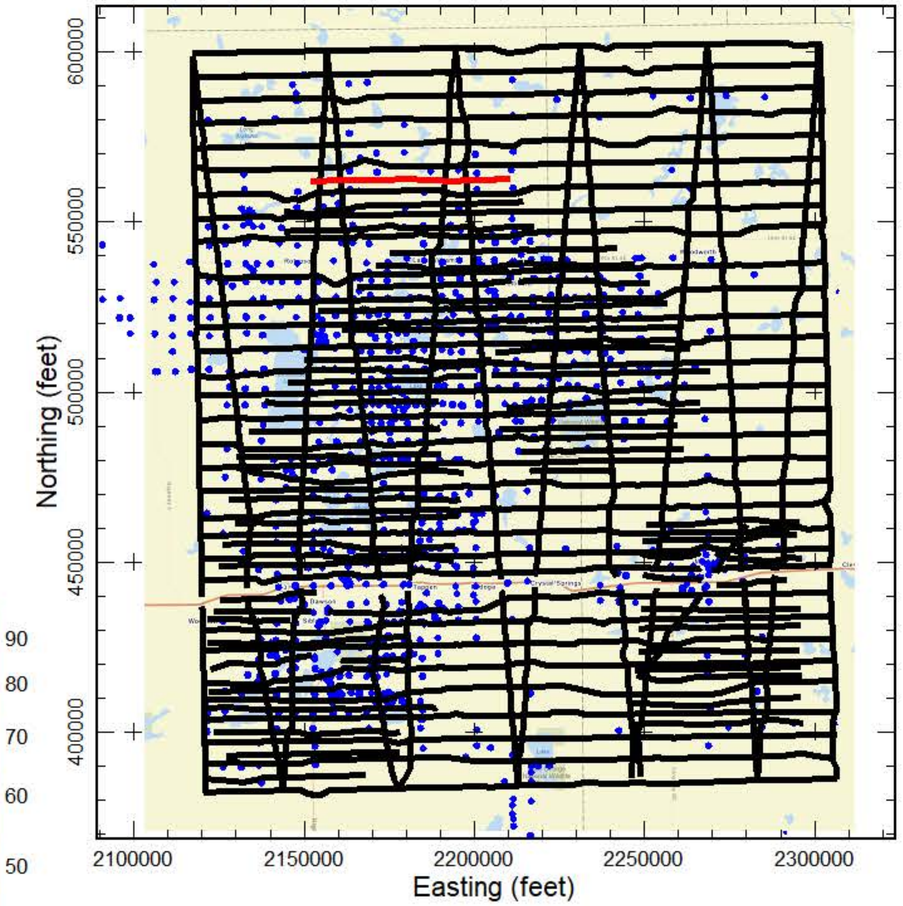
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

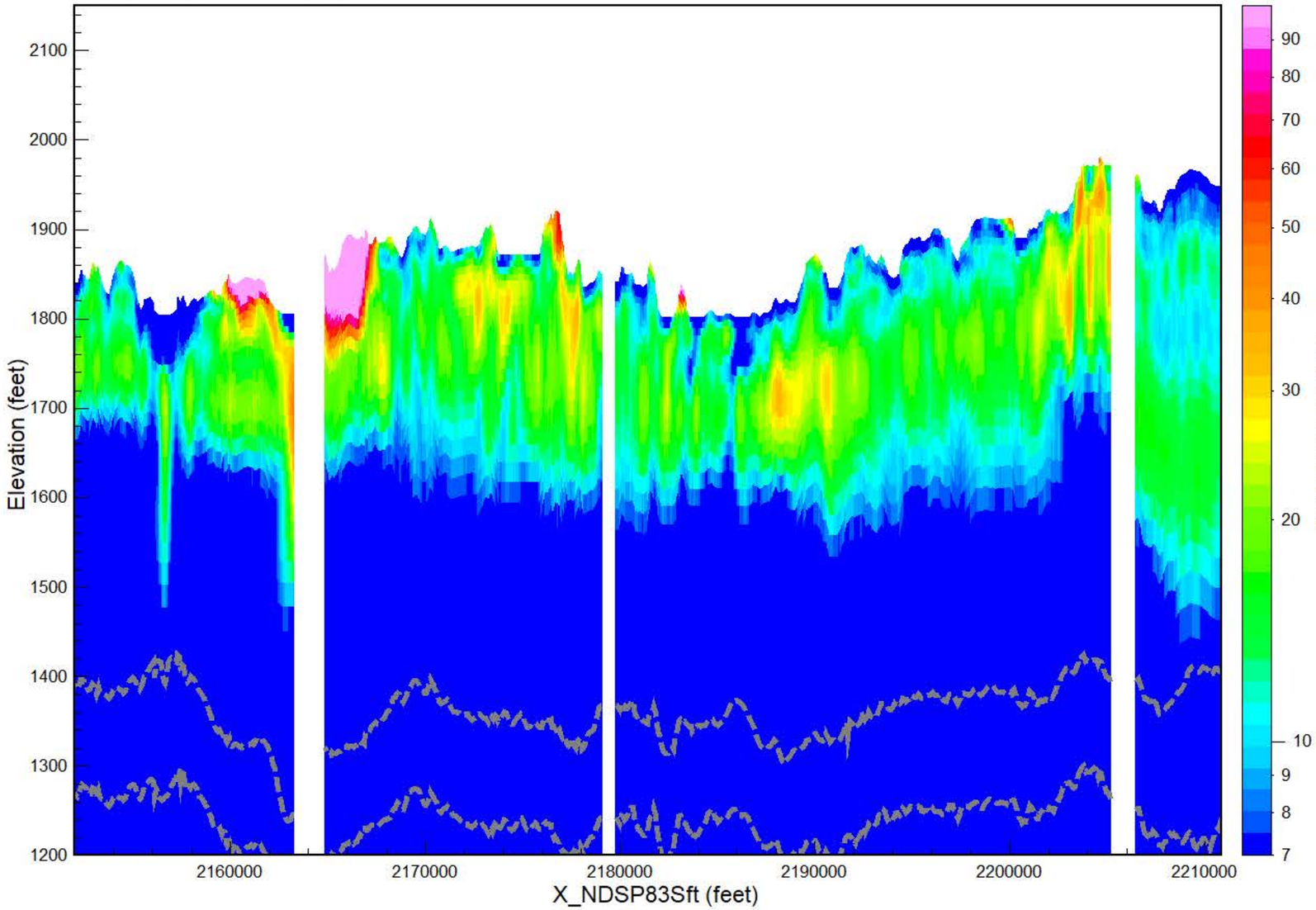
Flight Location Line L504001



AEM Survey Area 1



Final SCI Resistivity Line L504001

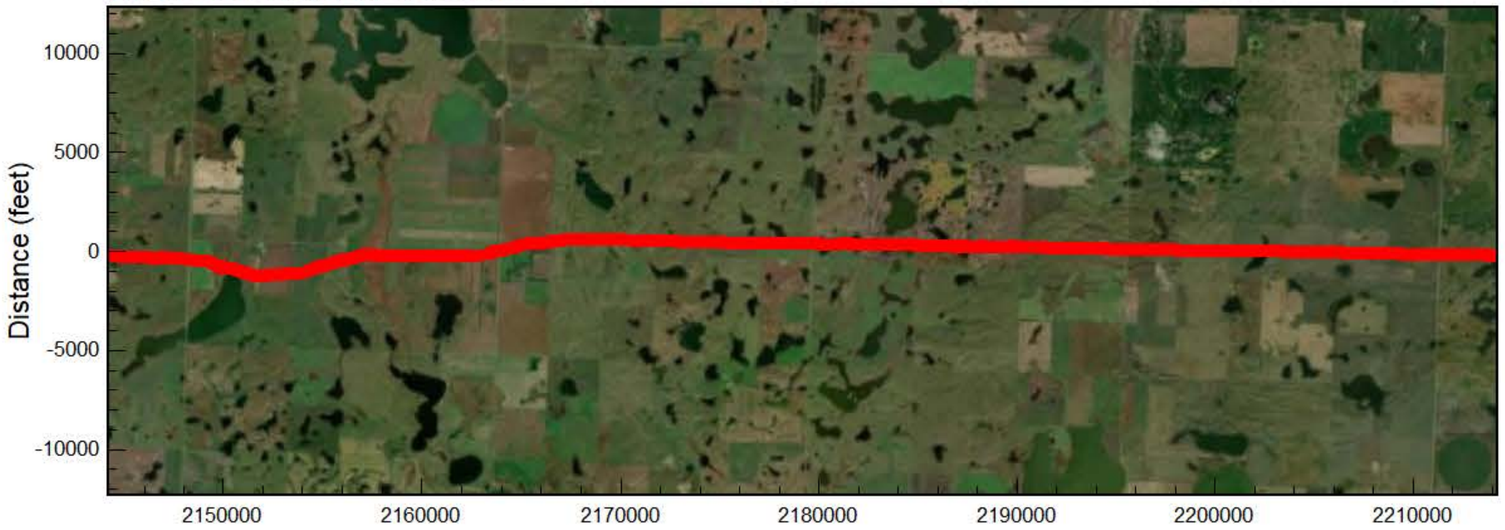


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

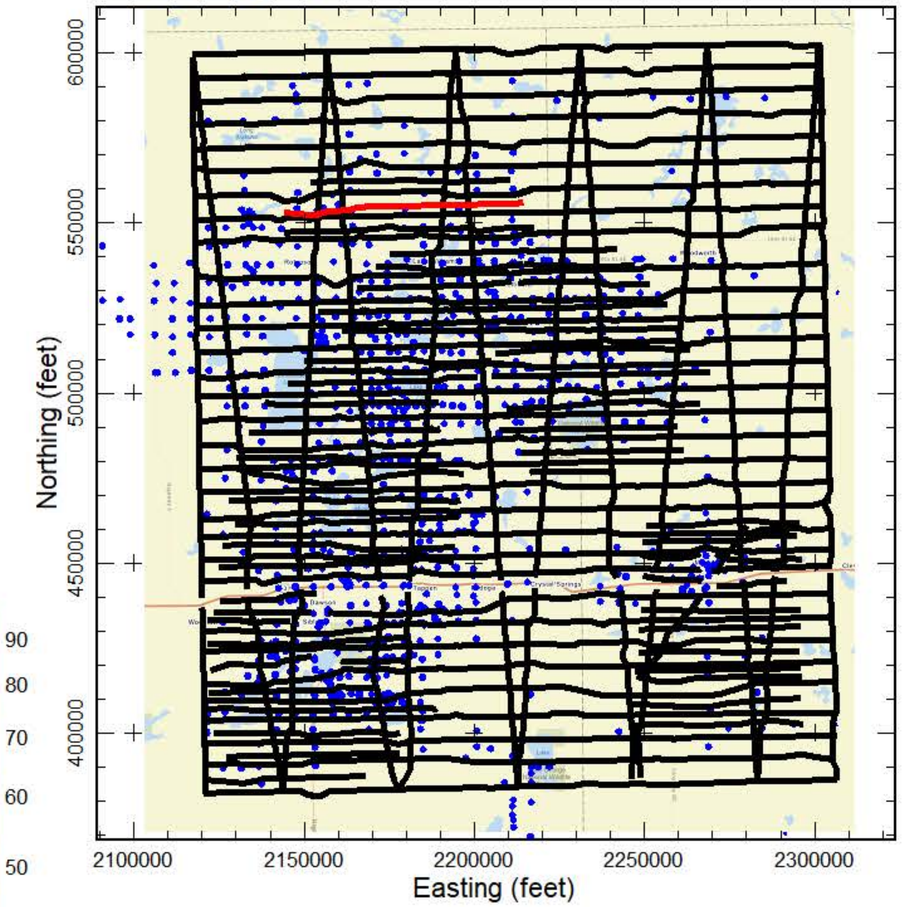
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

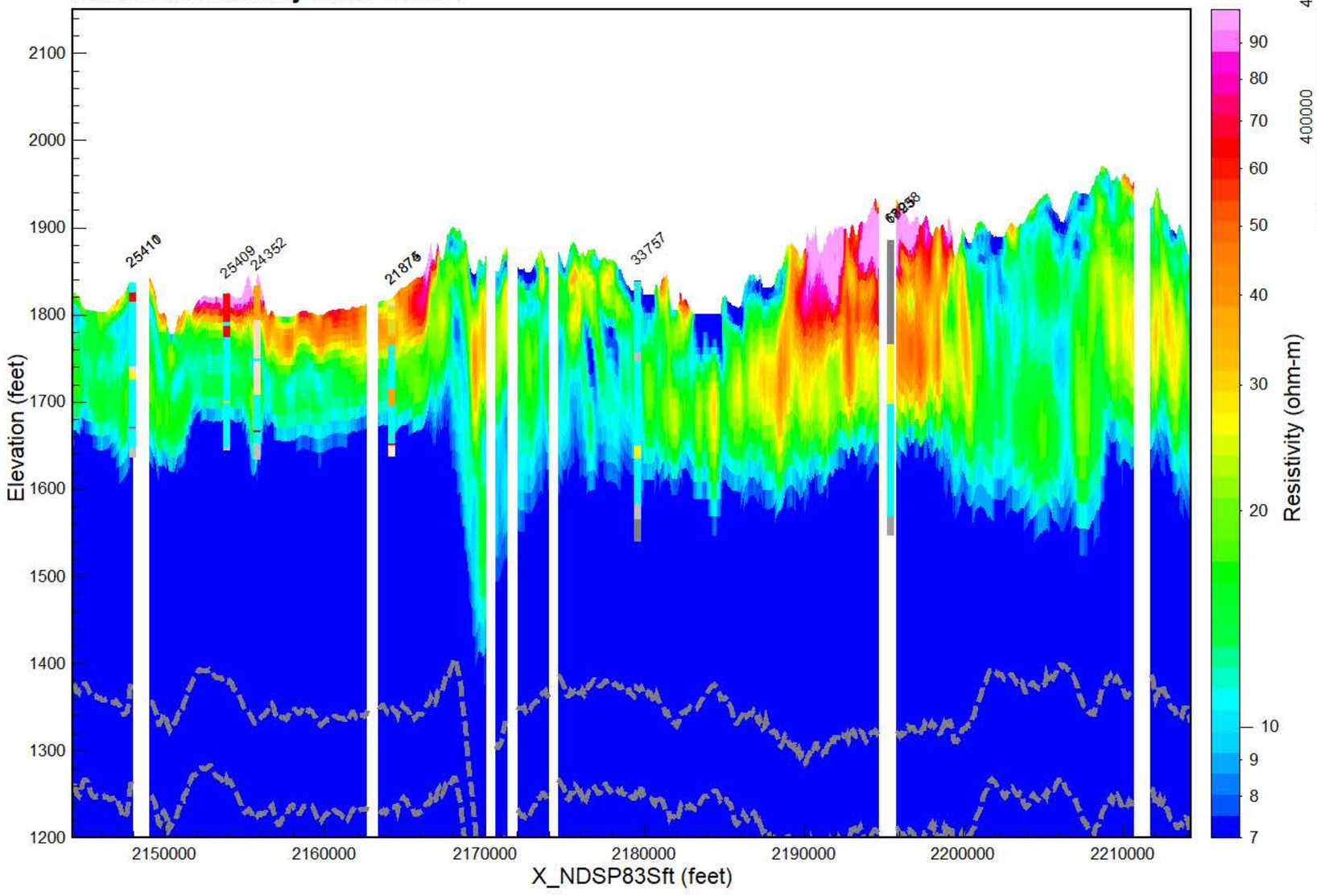
Flight Location Line L504101



AEM Survey Area 1



Final SCI Resistivity Line L504101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

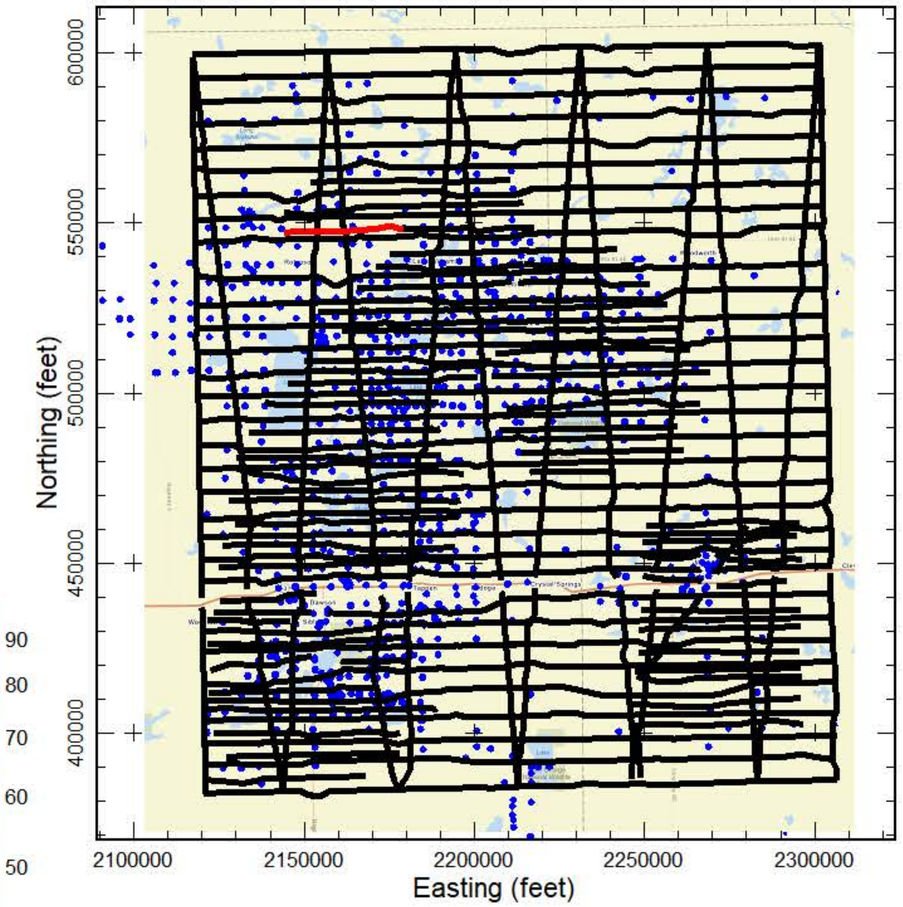
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

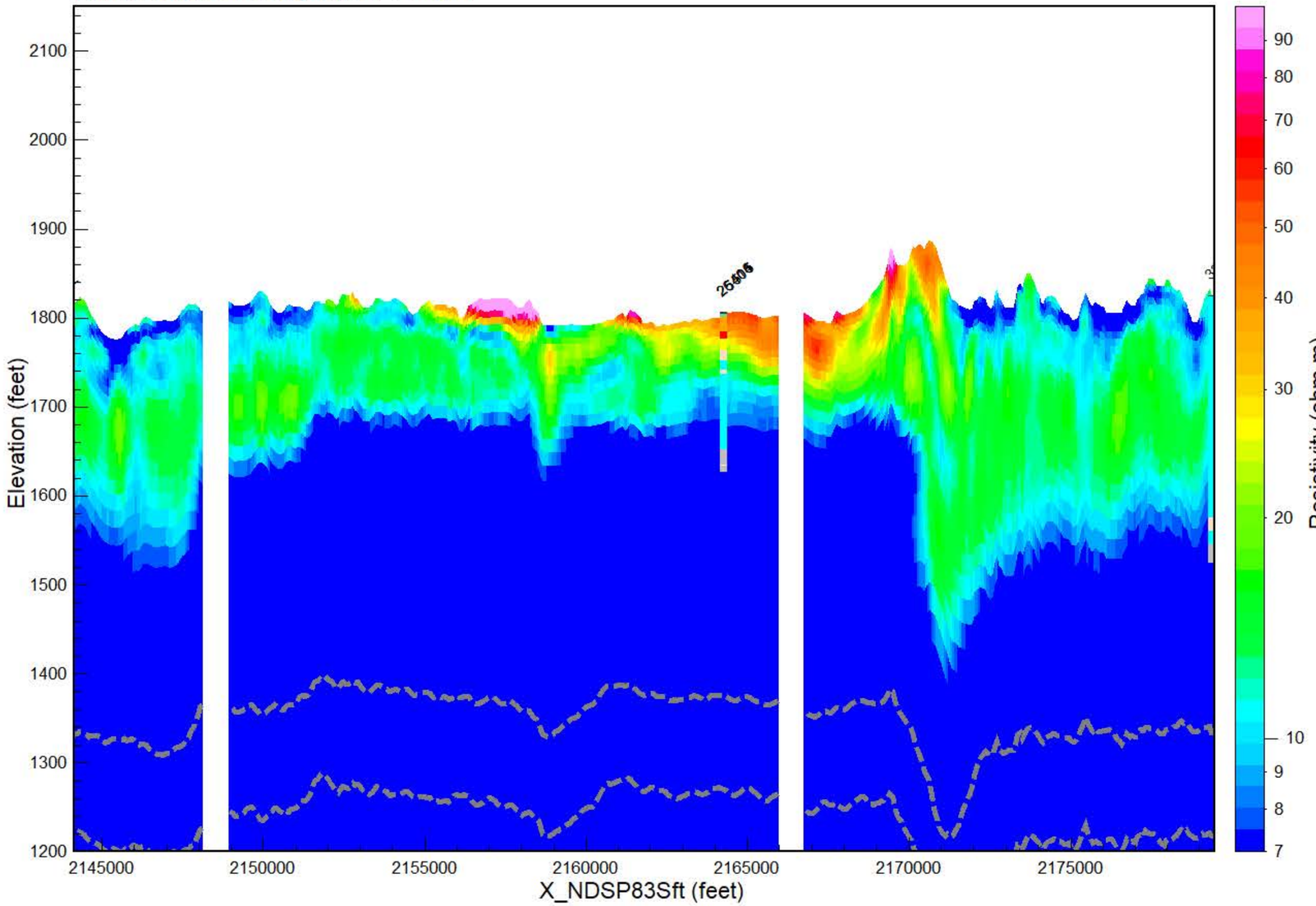
Flight Location Line L504201



AEM Survey Area 1



Final SCI Resistivity Line L504201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

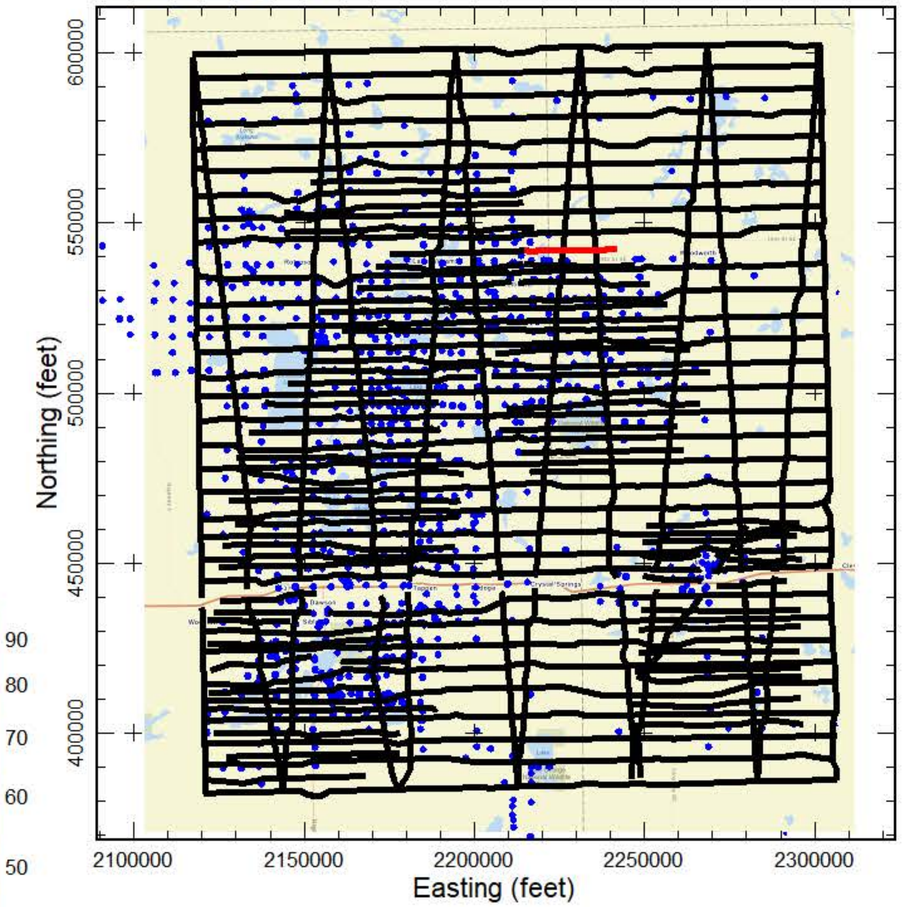
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF Aqua Geo Frameworks

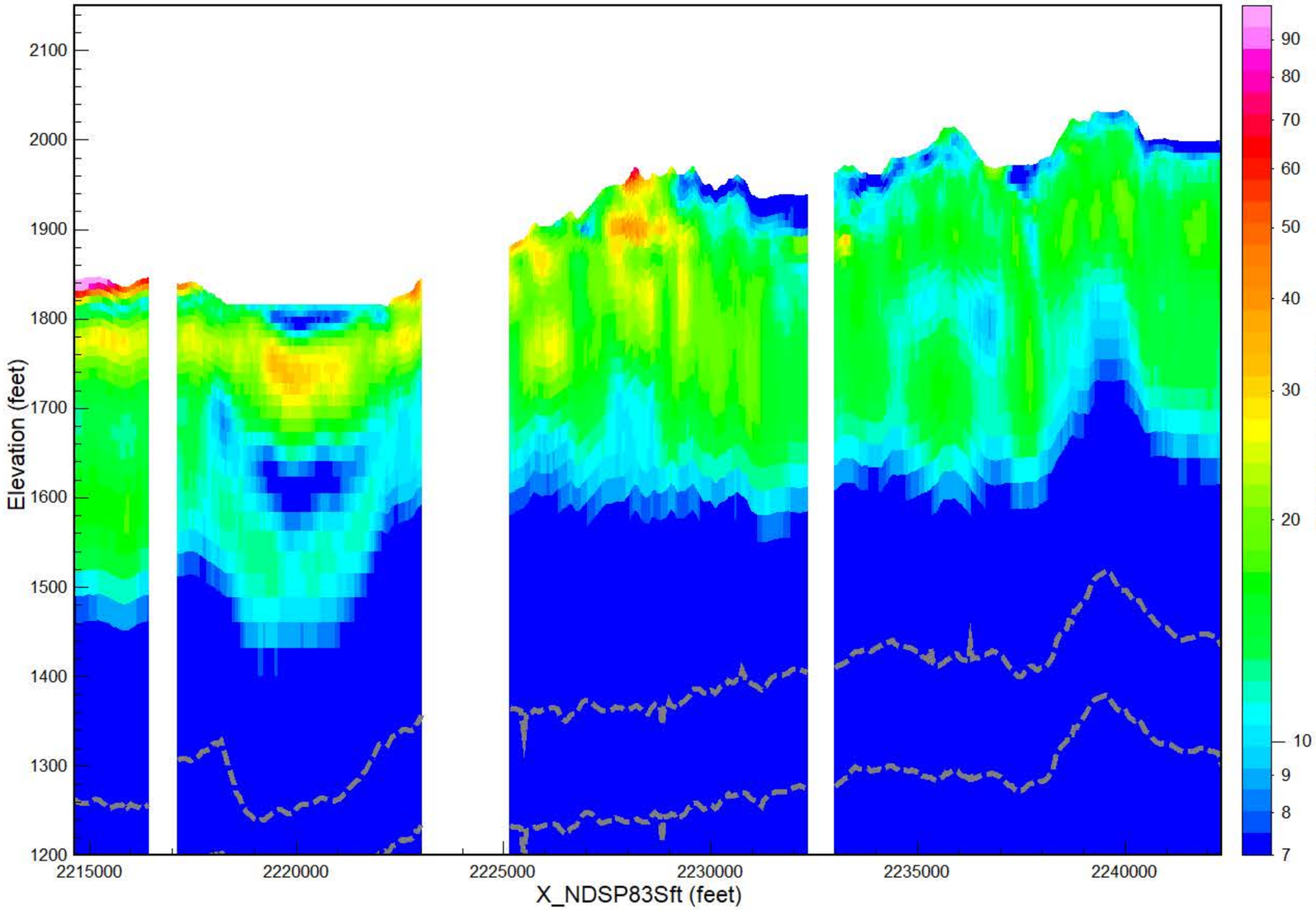
Flight Location Line L504301



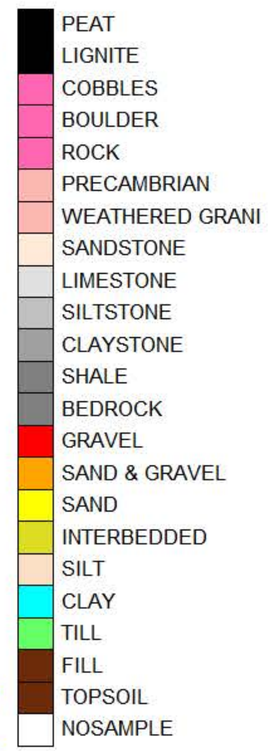
AEM Survey Area 1



Final SCI Resistivity Line L504301



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

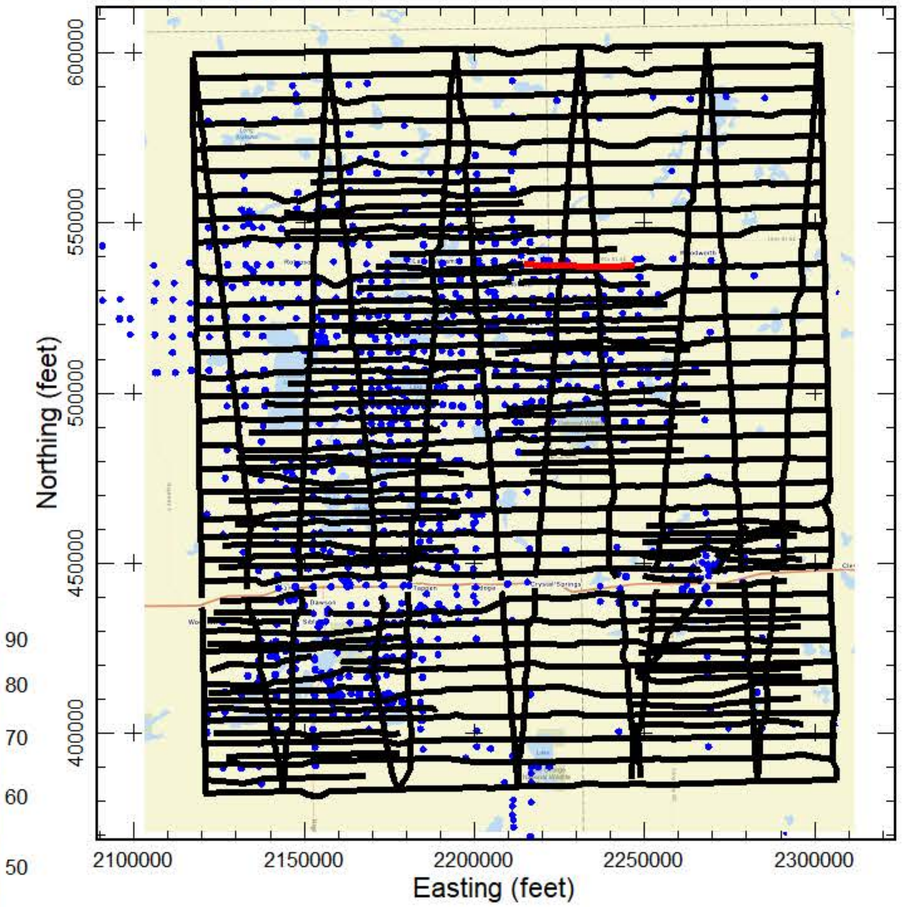


AGF
Aqua Geo Frameworks

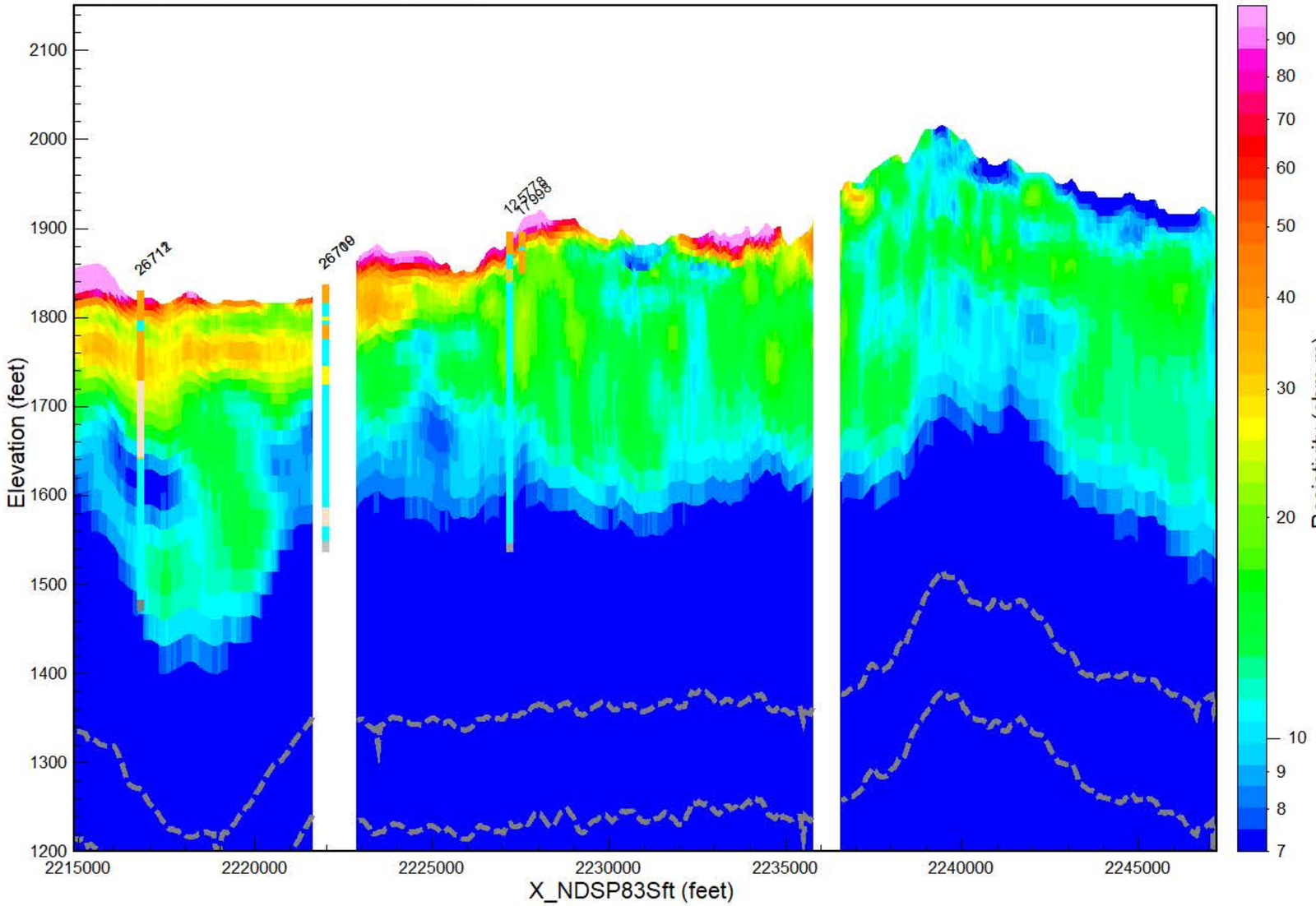
Flight Location Line L504401



AEM Survey Area 1



Final SCI Resistivity Line L504401



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

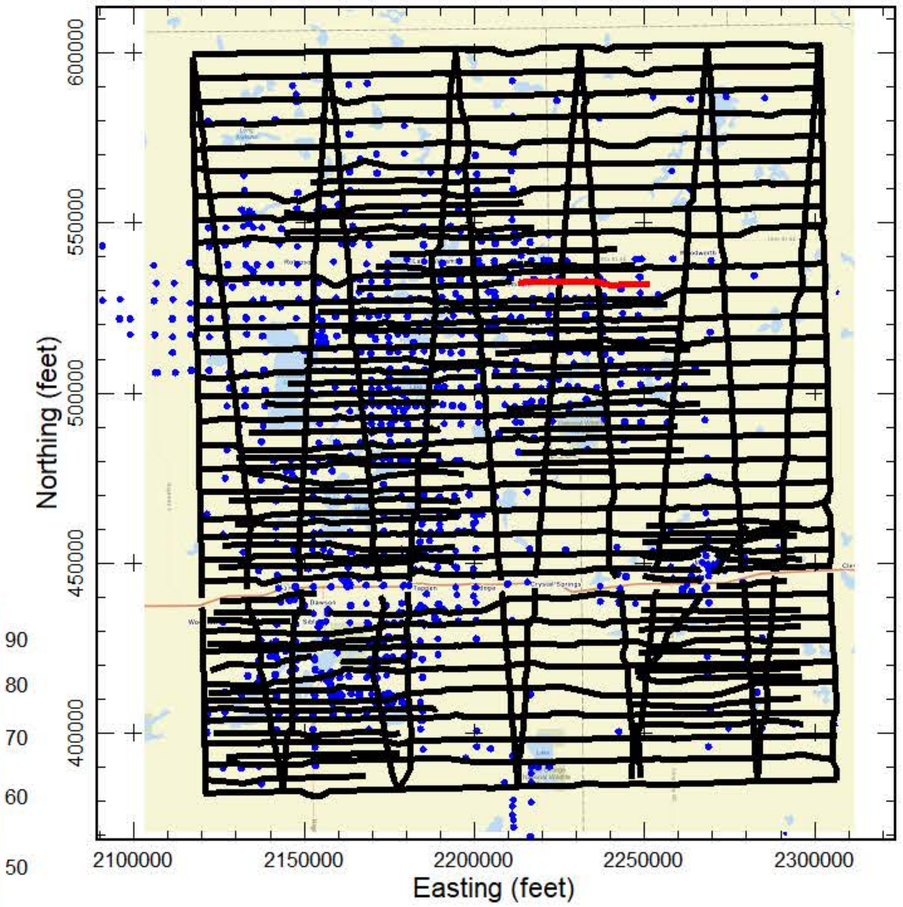
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

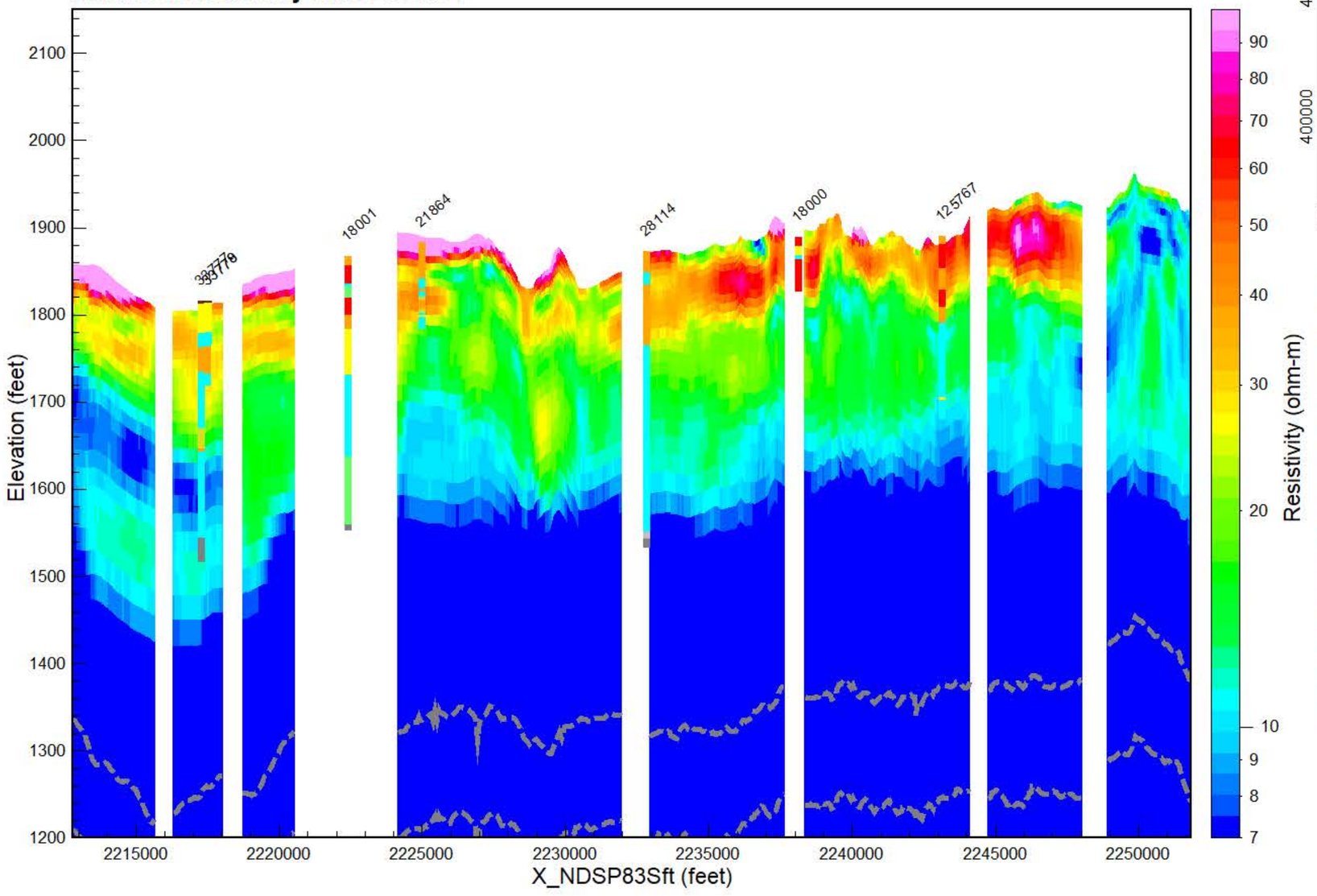
Flight Location Line L504501



AEM Survey Area 1



Final SCI Resistivity Line L504501



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

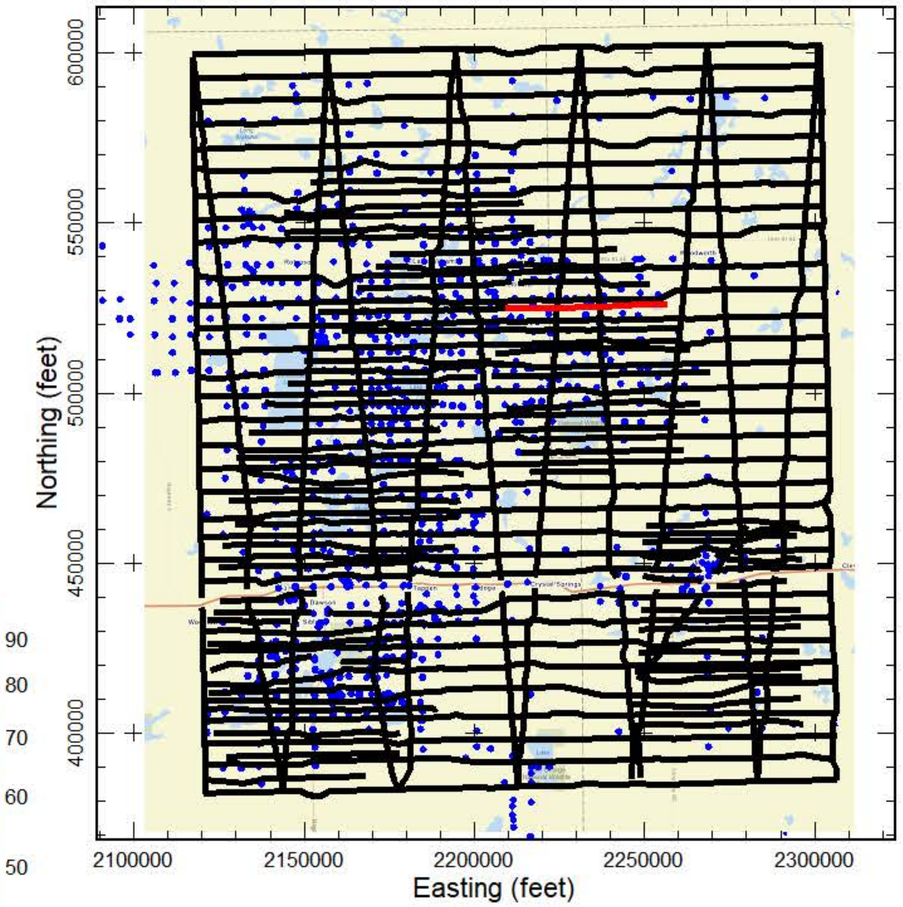
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

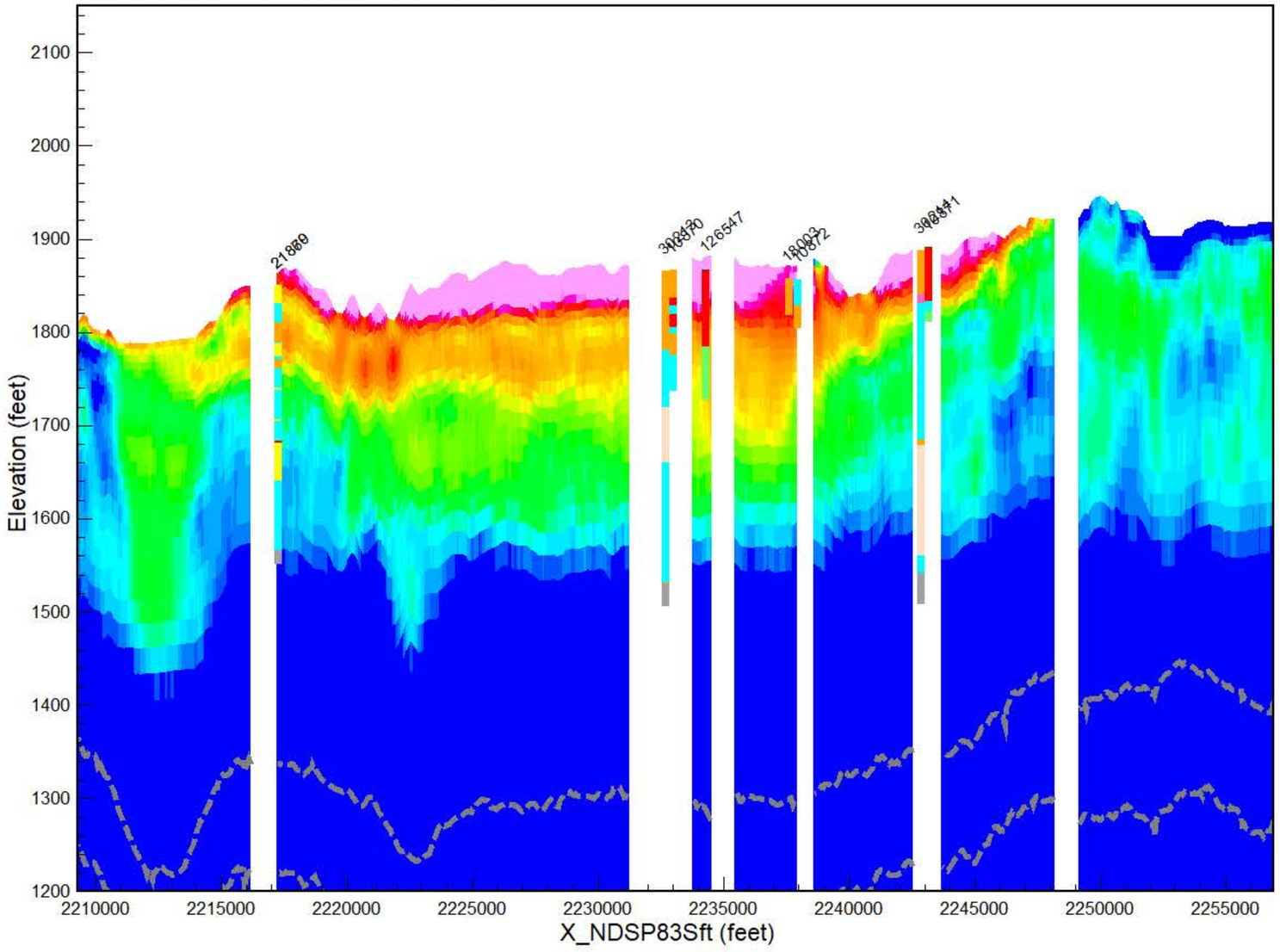
Flight Location Line L504601

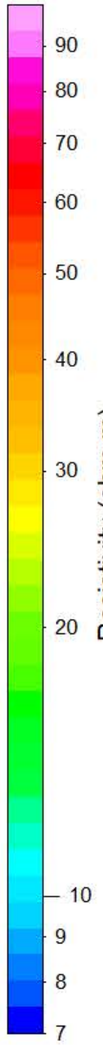


AEM Survey Area 1



Final SCI Resistivity Line L504601





Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

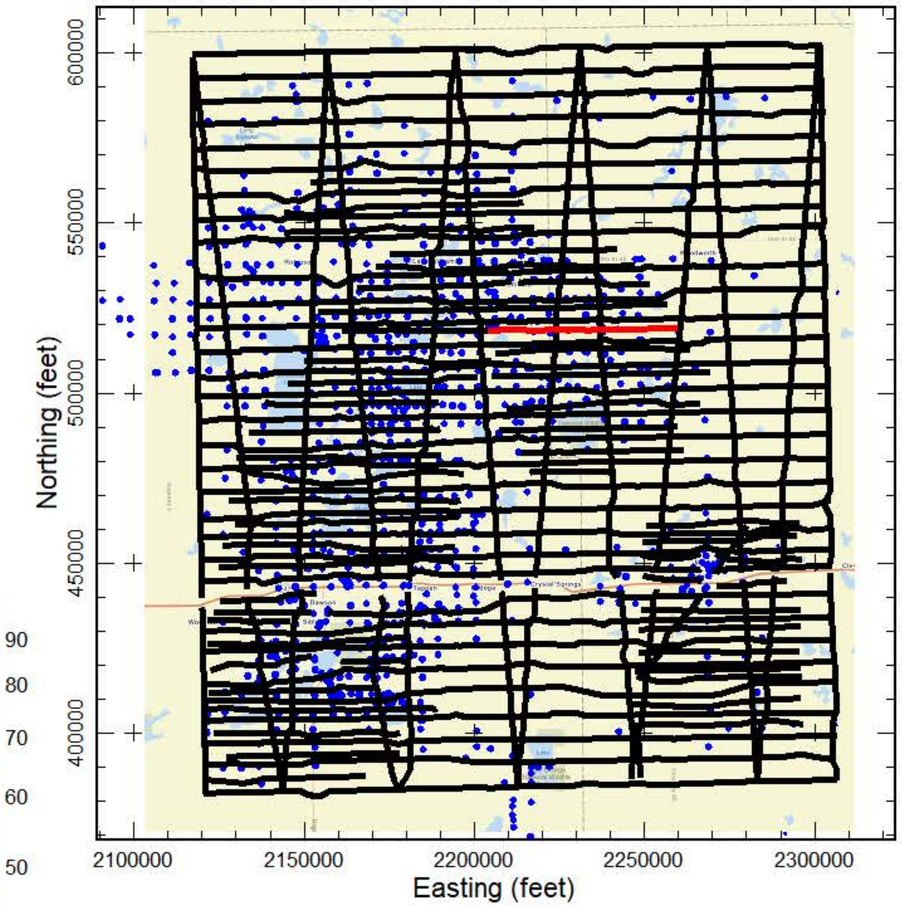
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

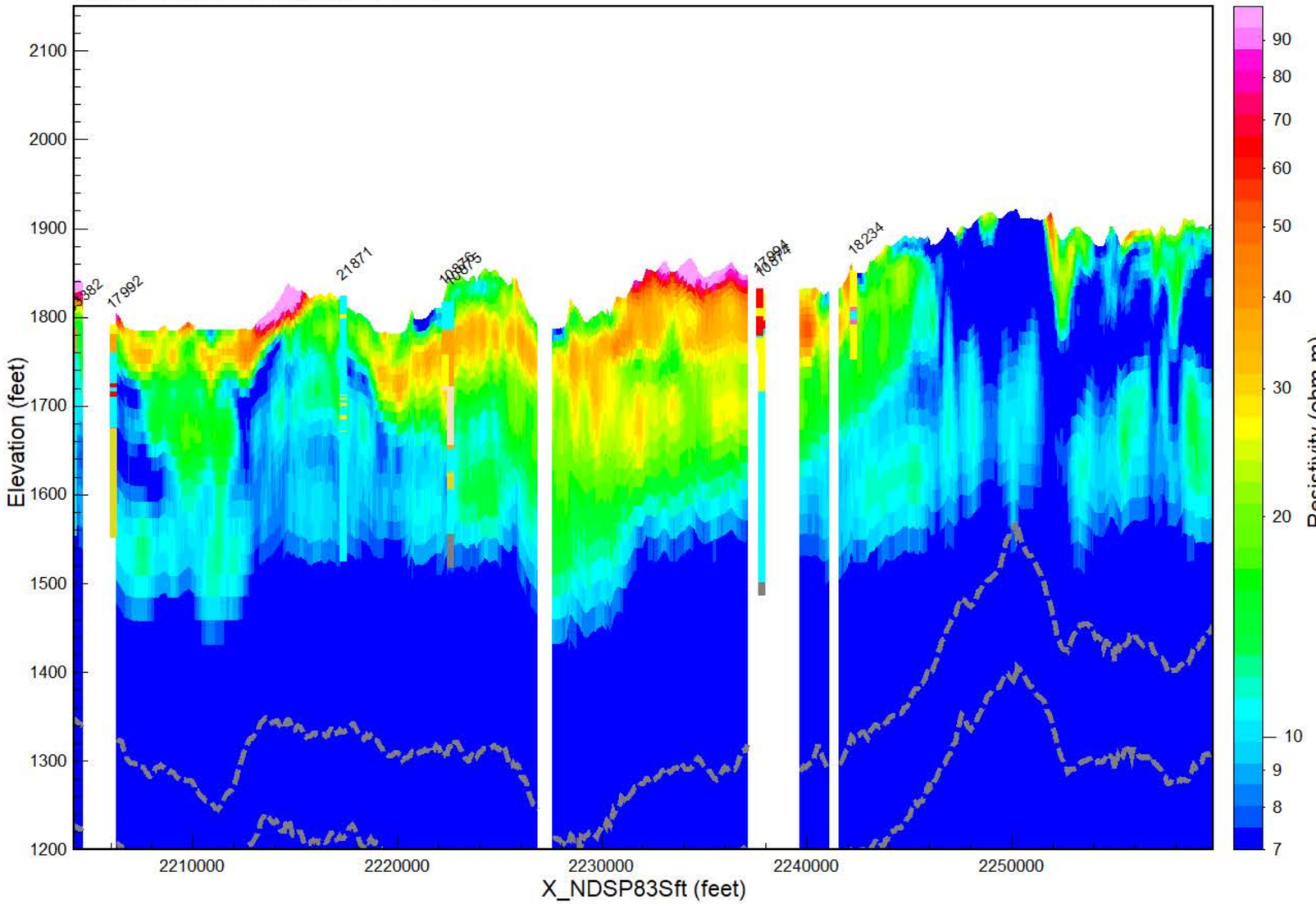
Flight Location Line L504701



AEM Survey Area 1



Final SCI Resistivity Line L504701



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

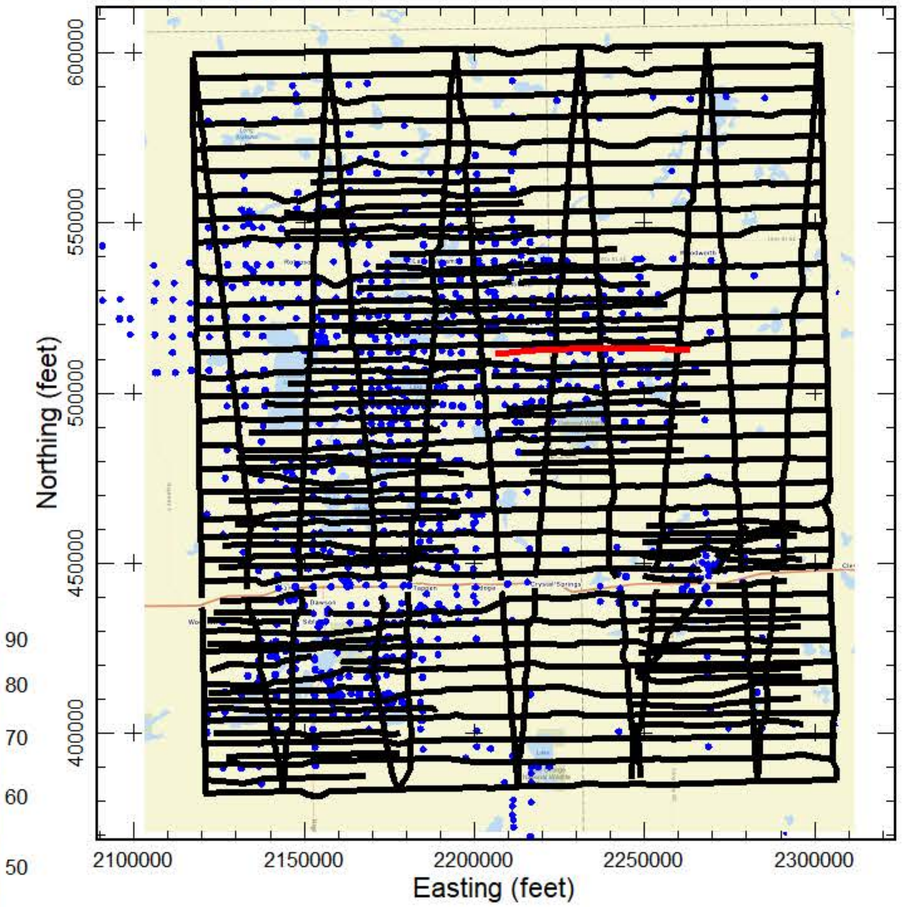
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

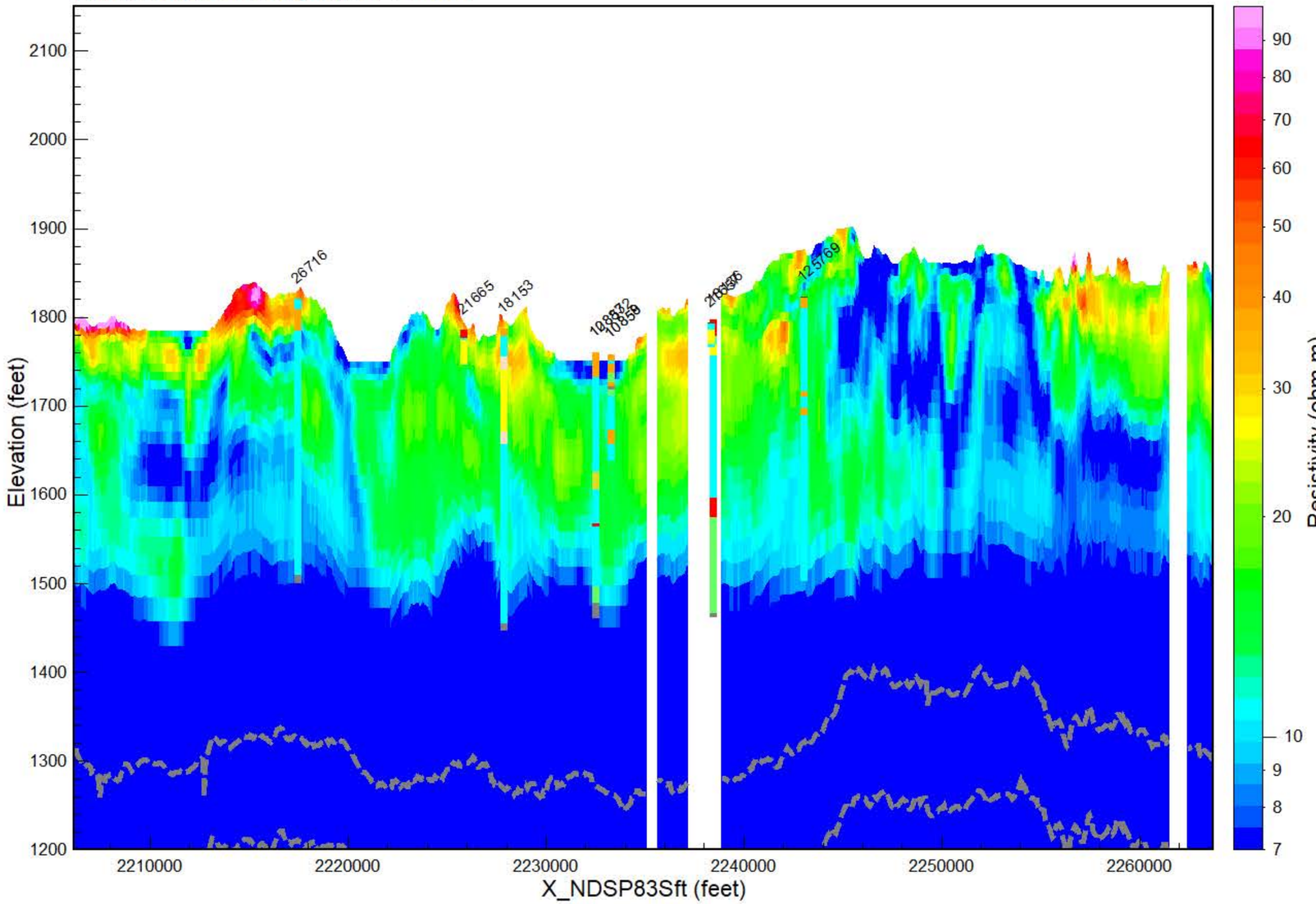
Flight Location Line L504801



AEM Survey Area 1



Final SCI Resistivity Line L504801



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

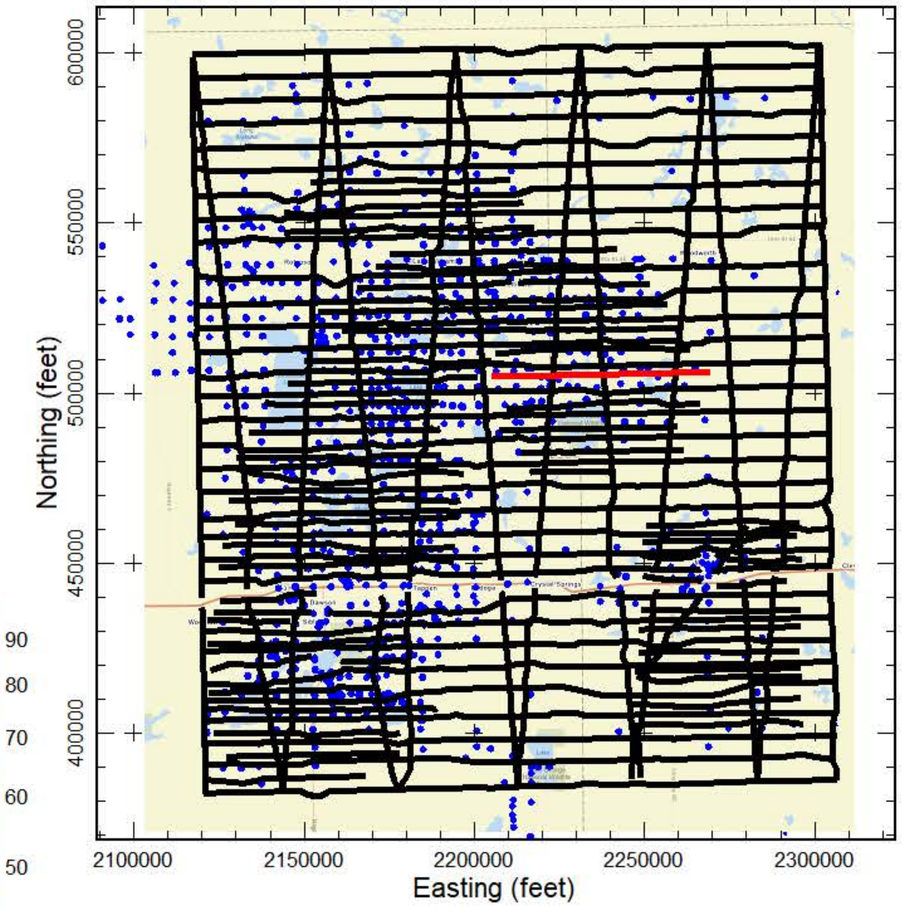
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

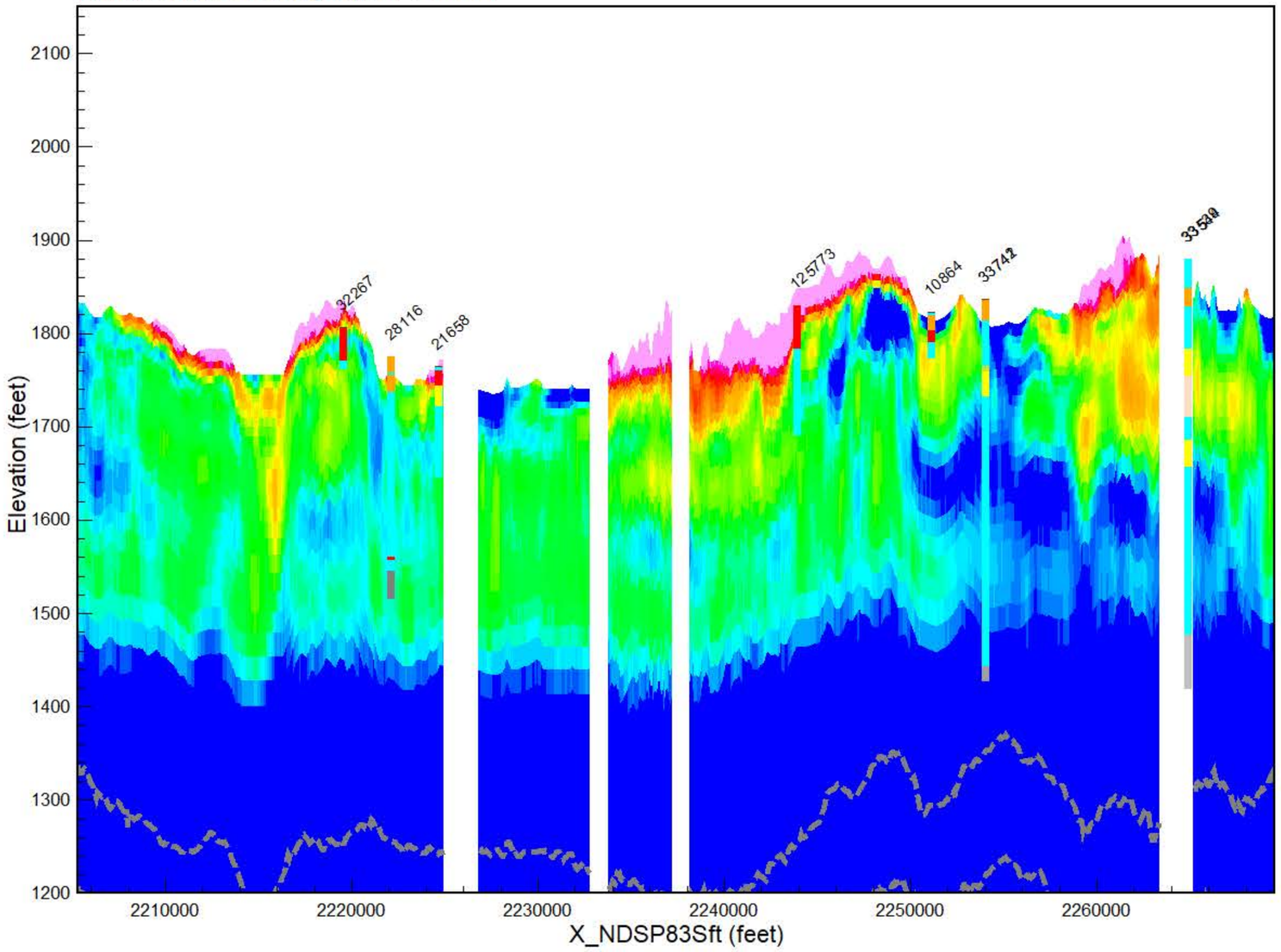
Flight Location Line L504901



AEM Survey Area 1



Final SCI Resistivity Line L504901



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

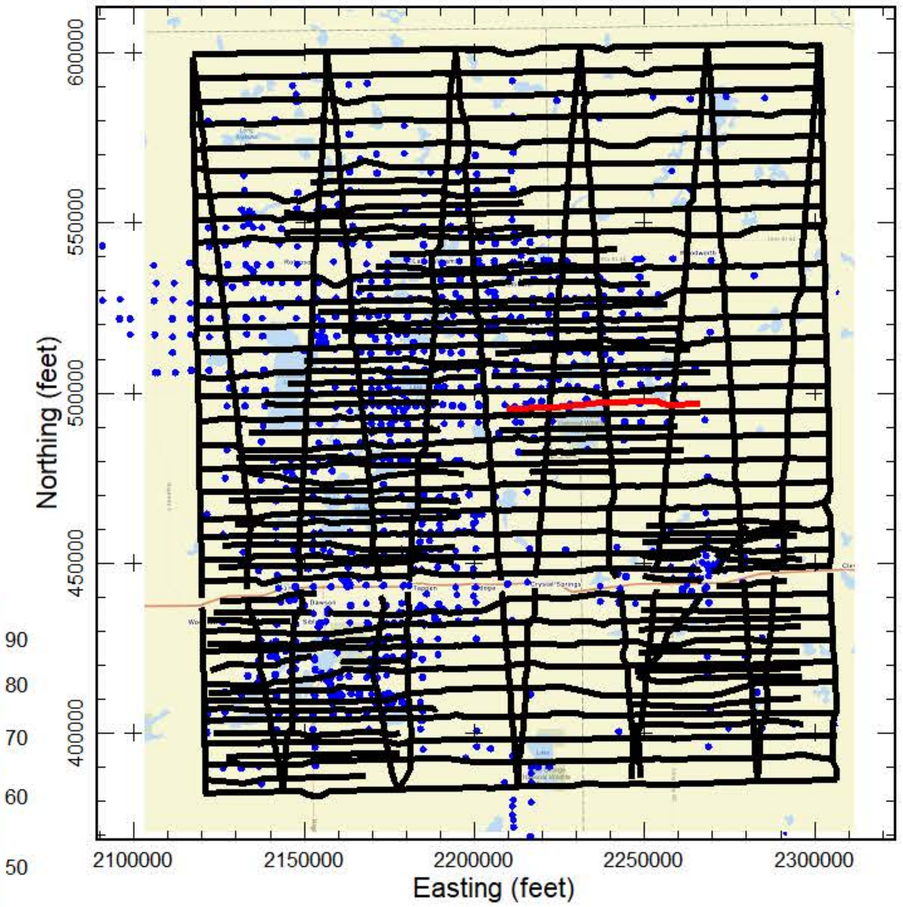
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

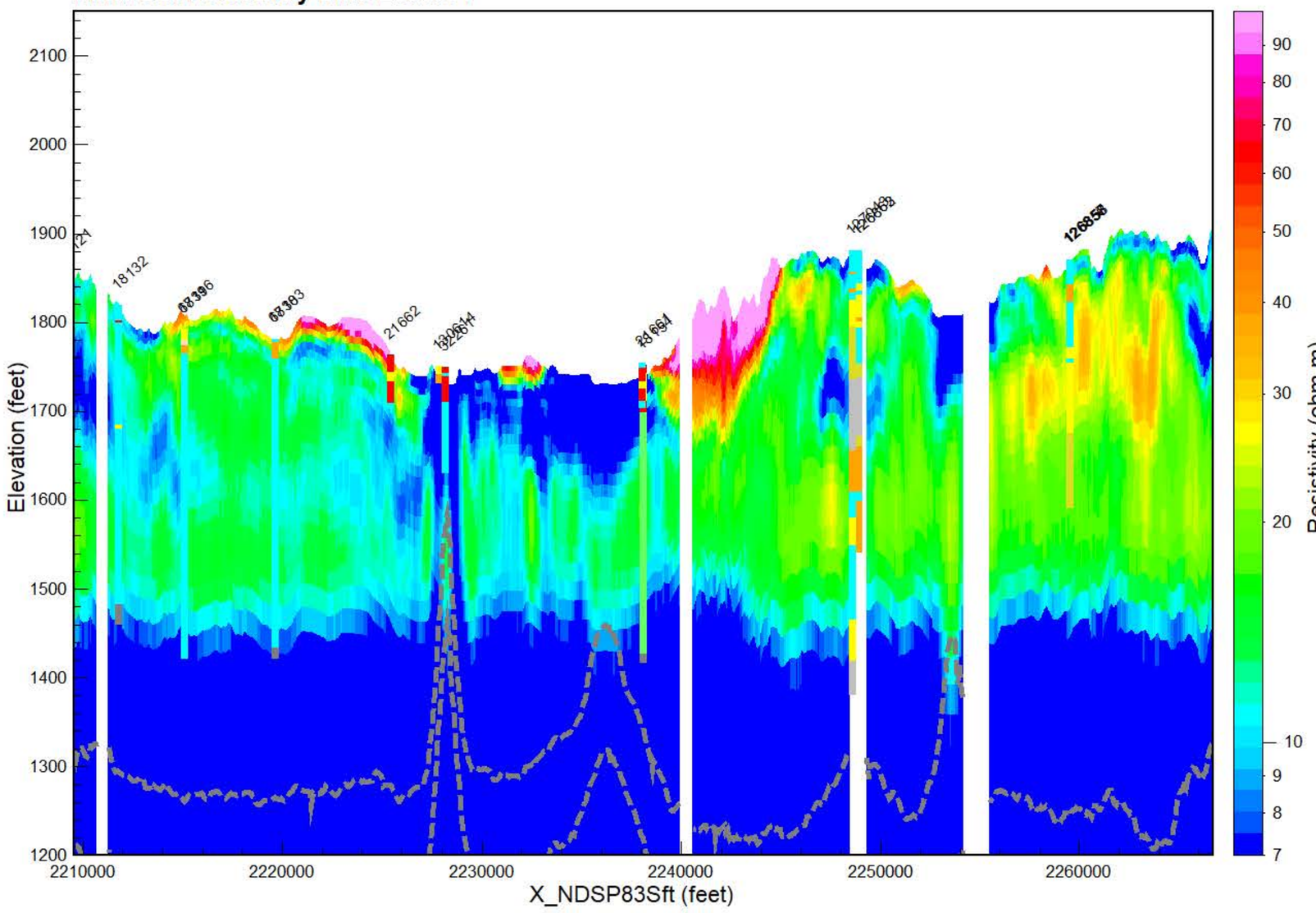
Flight Location Line L505001



AEM Survey Area 1



Final SCI Resistivity Line L505001



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

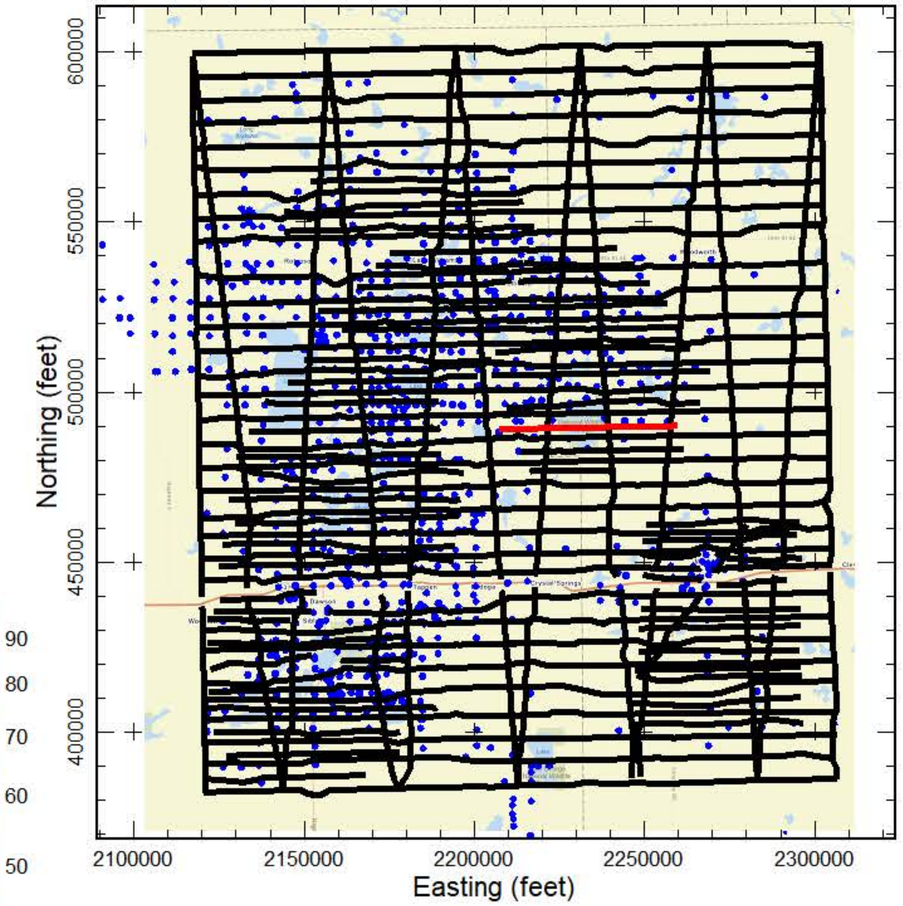
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

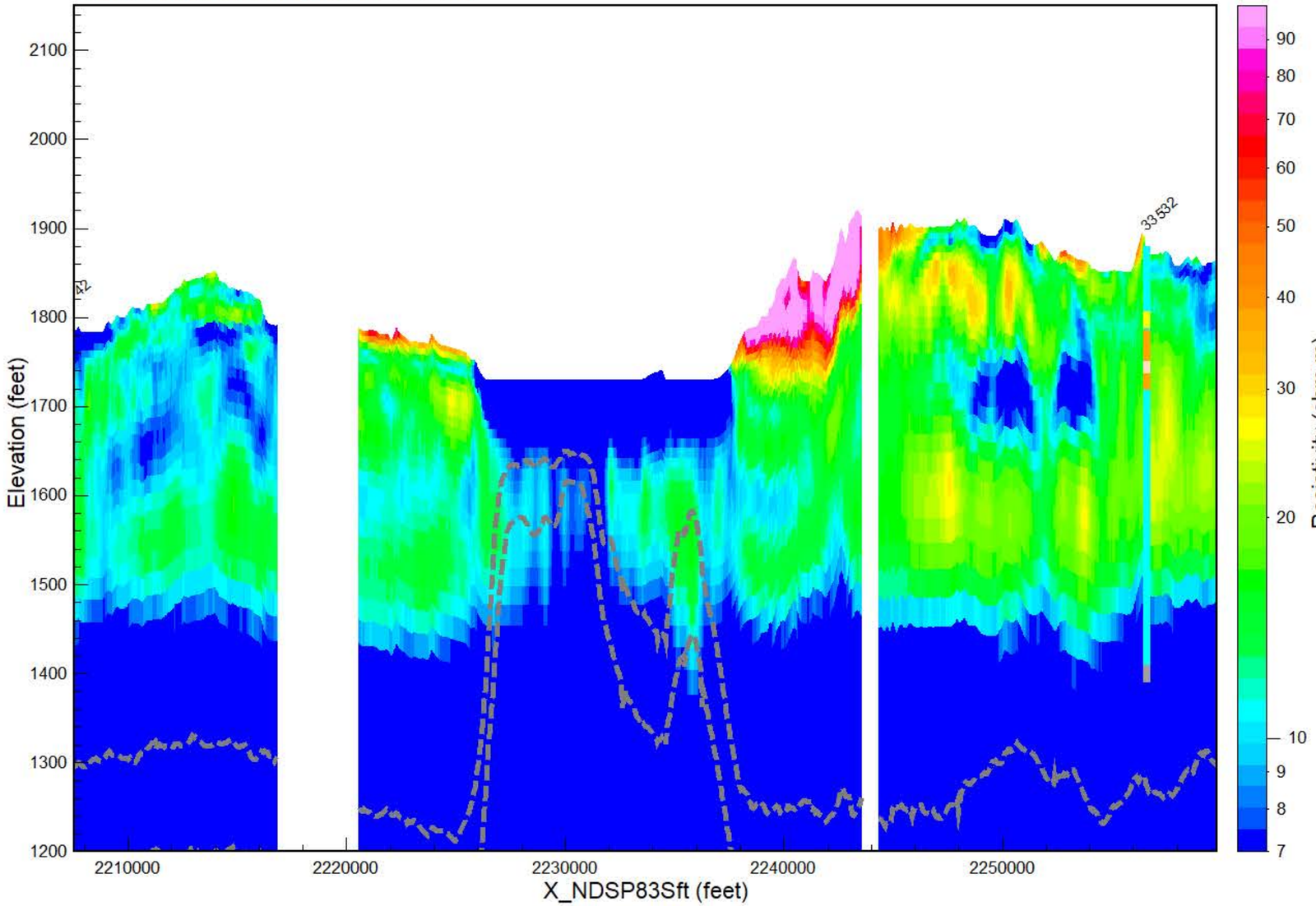
Flight Location Line L505101



AEM Survey Area 1



Final SCI Resistivity Line L505101



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

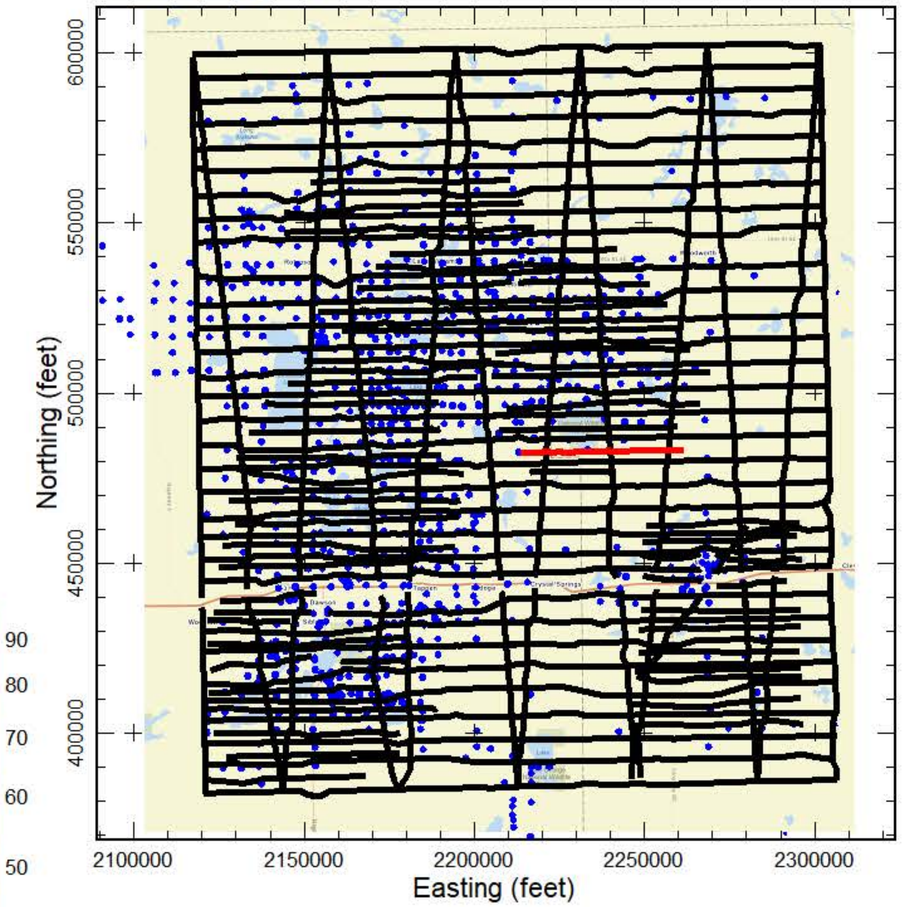
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

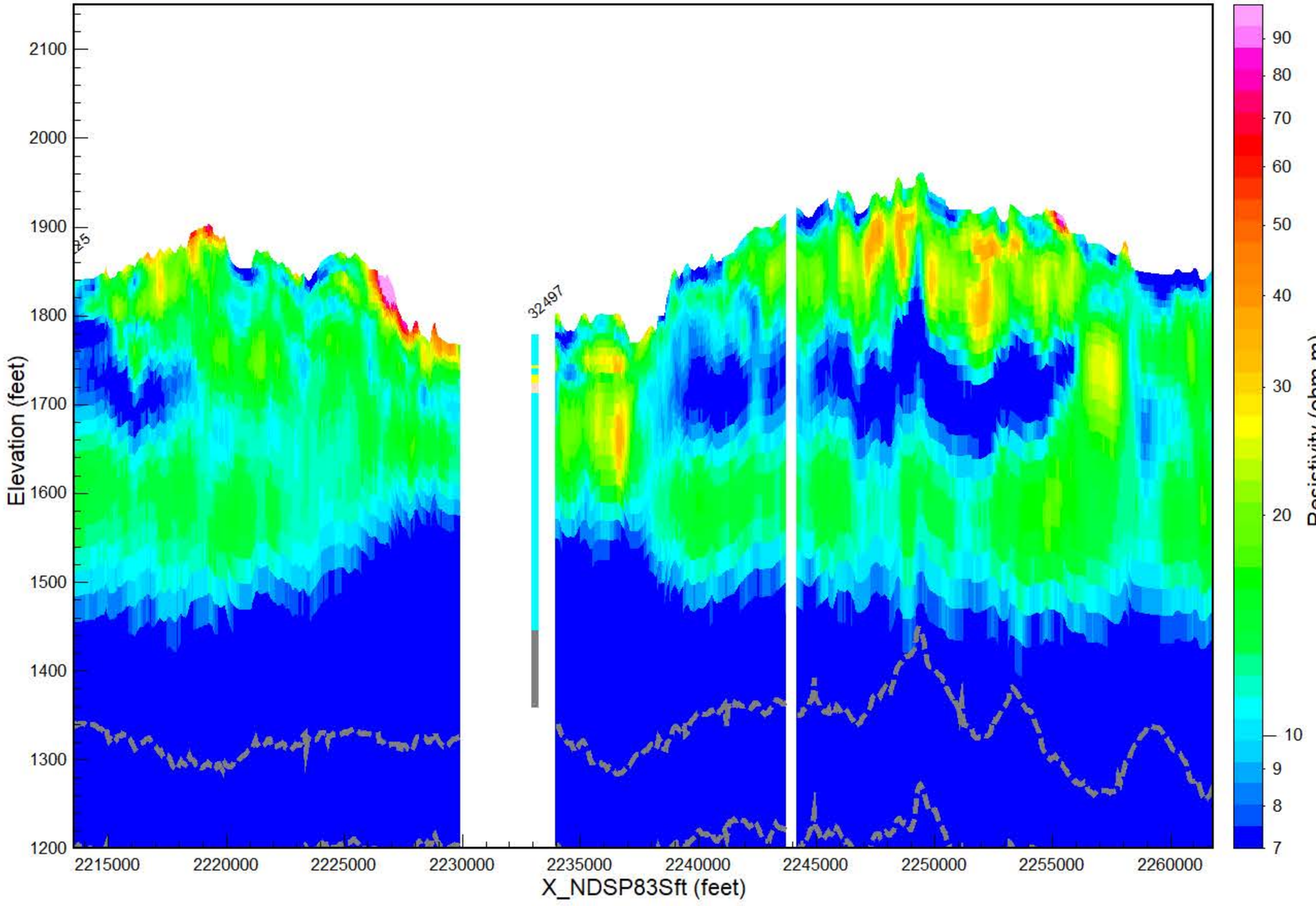
Flight Location Line L505201



AEM Survey Area 1



Final SCI Resistivity Line L505201



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

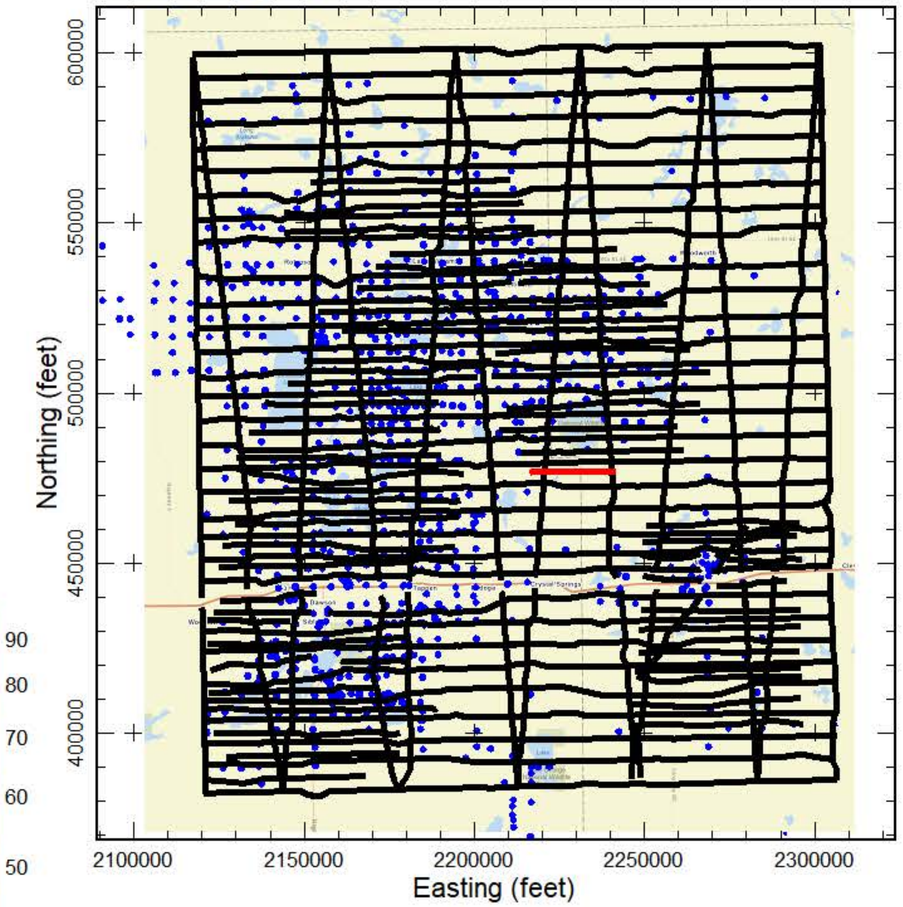
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

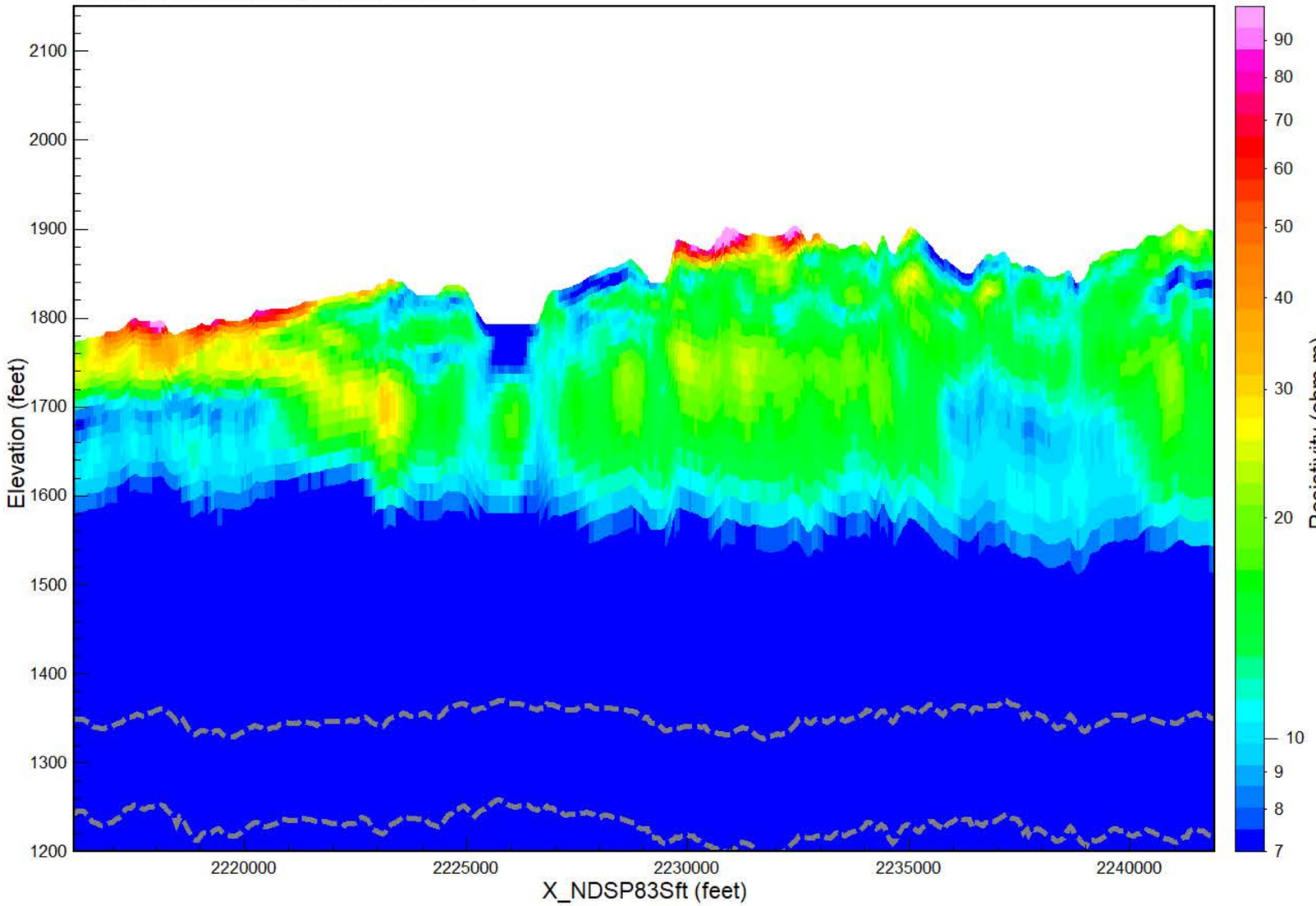
Flight Location Line L505301



AEM Survey Area 1



Final SCI Resistivity Line L505301

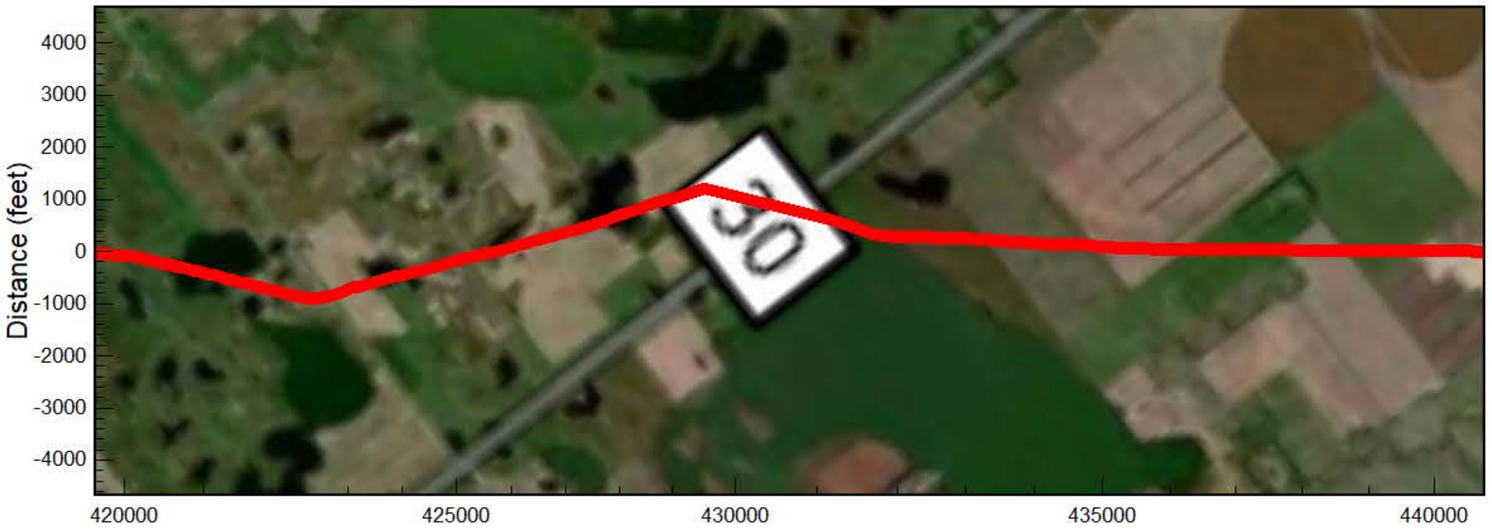


Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

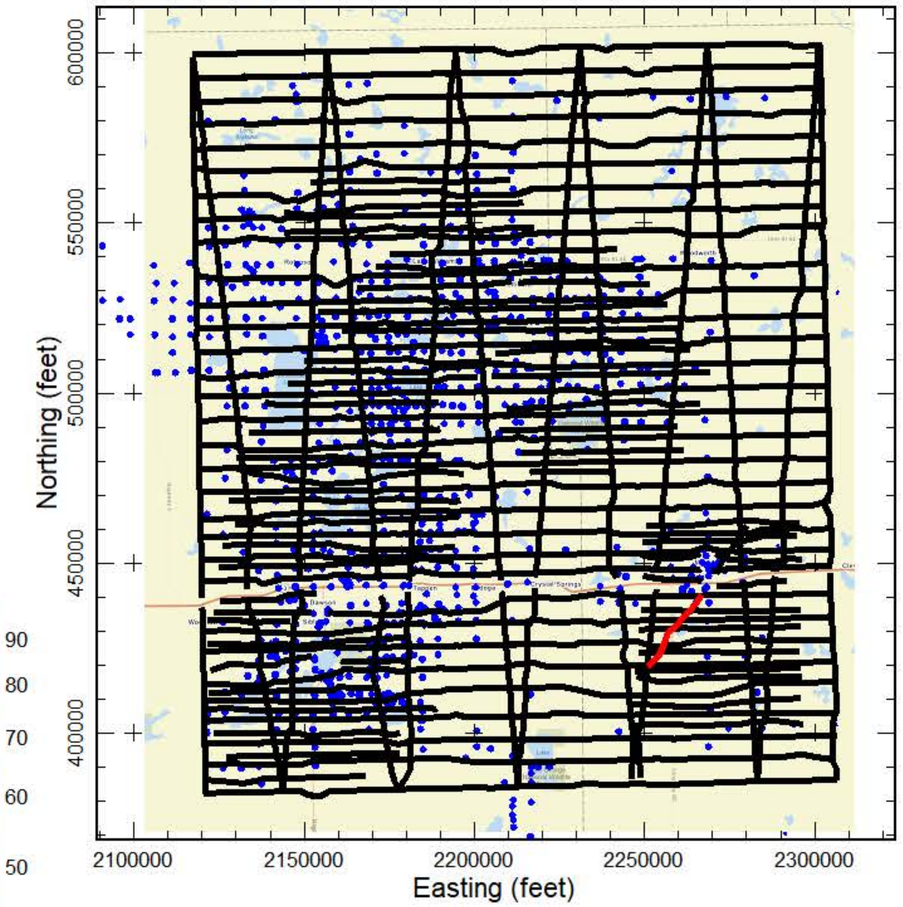
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

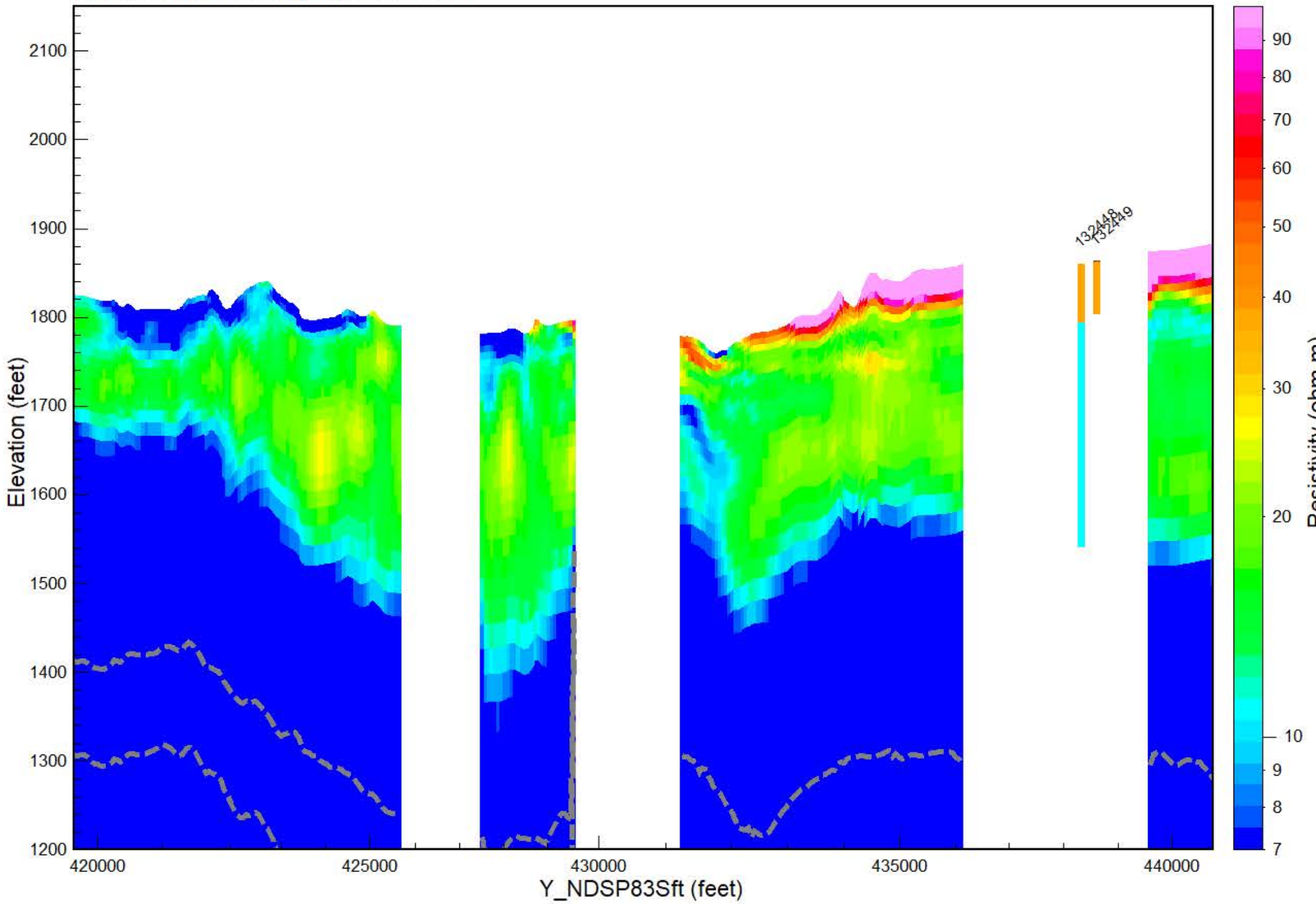
Flight Location Line L590011



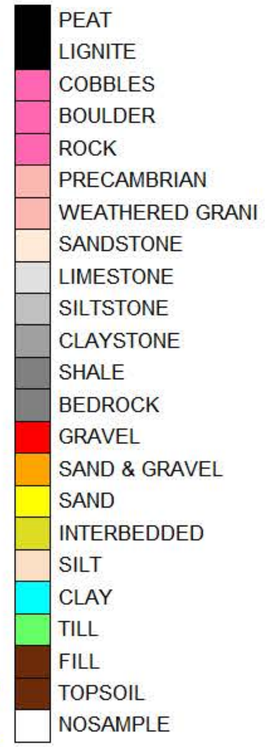
AEM Survey Area 1



Final SCI Resistivity Line L590011



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

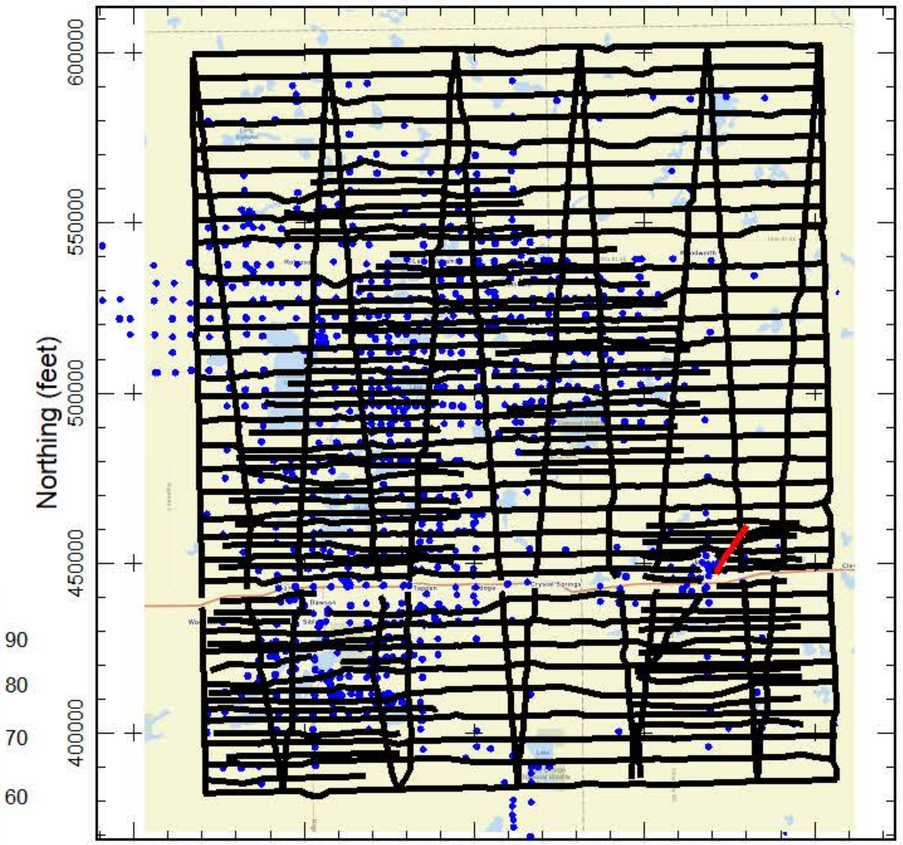


AGF
Aqua Geo Frameworks

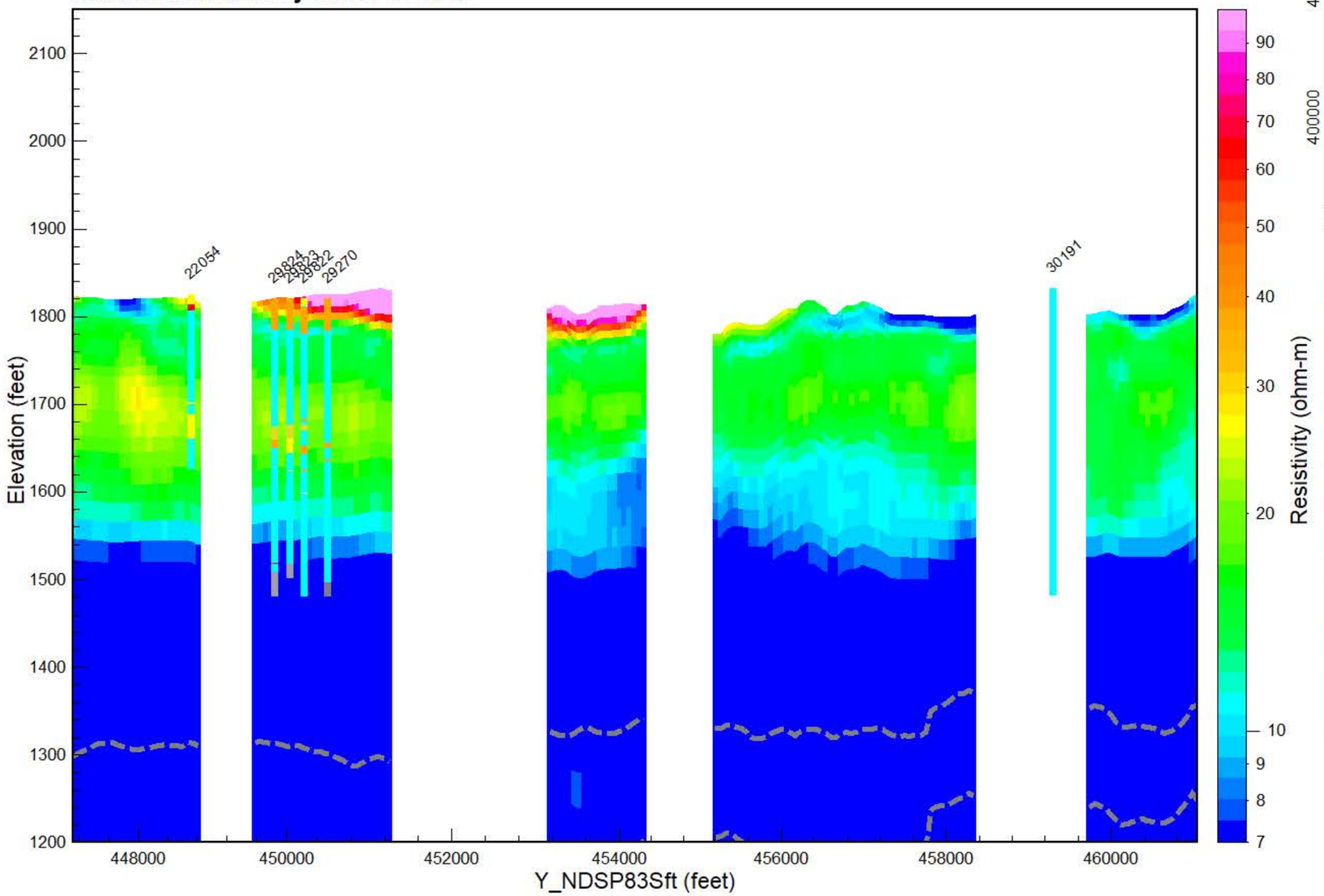
Flight Location Line L590021



AEM Survey Area 1



Final SCI Resistivity Line L590021



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

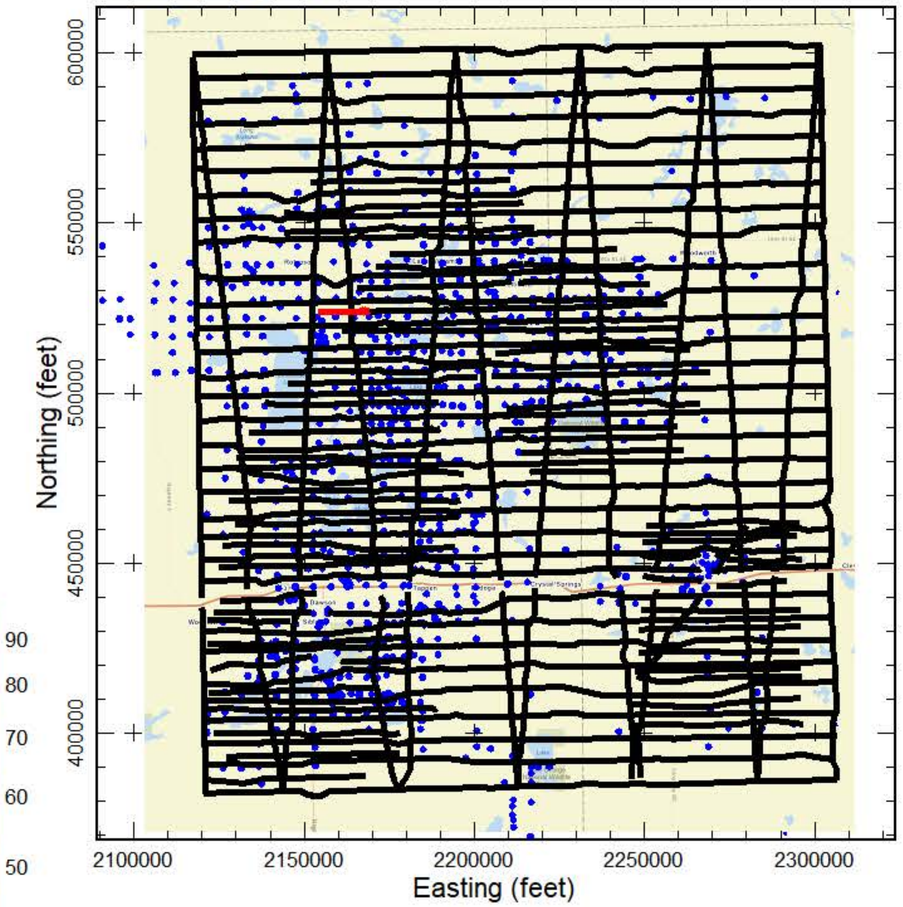
- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

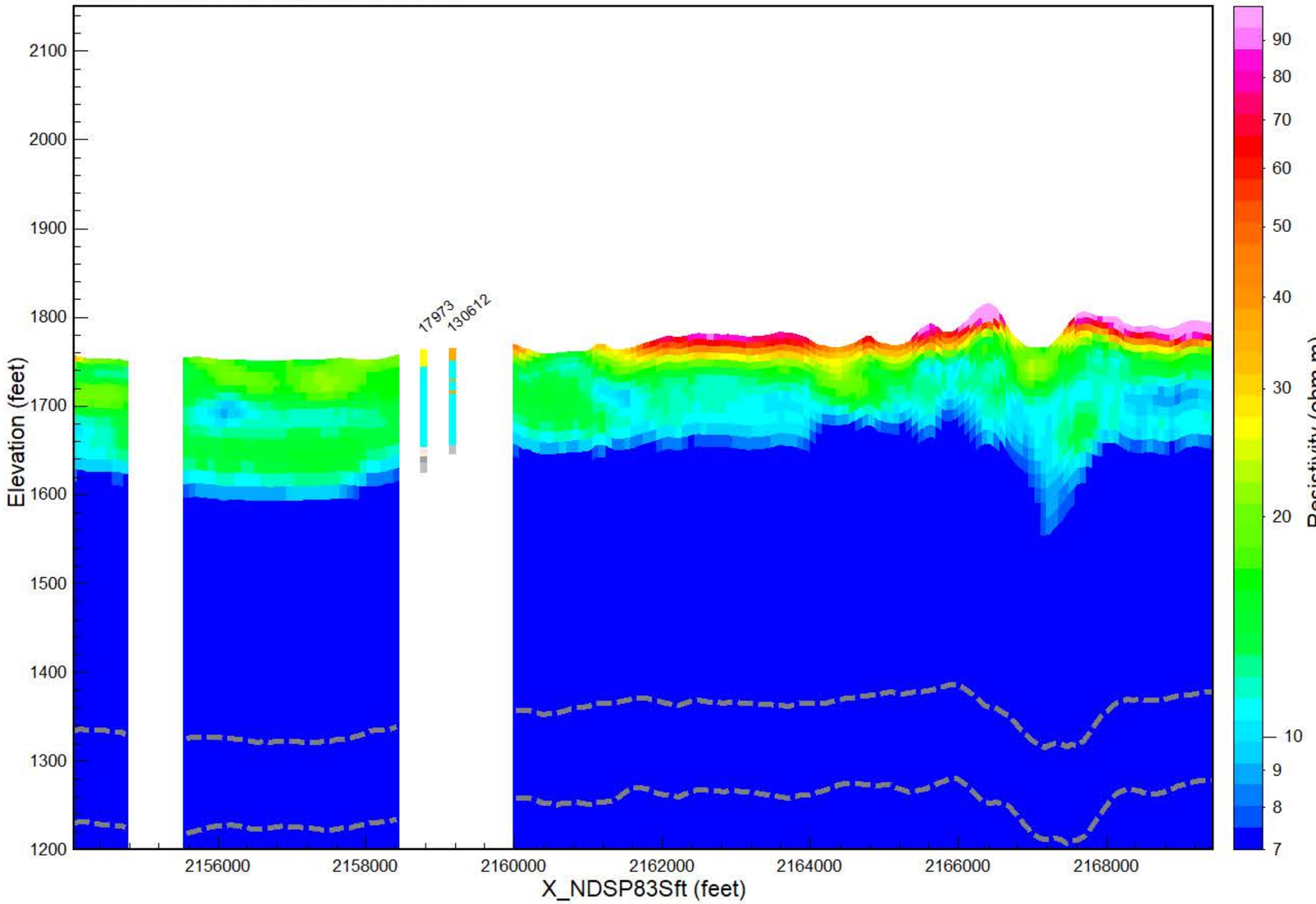
Flight Location Line L800010



AEM Survey Area 1



Final SCI Resistivity Line L800010



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. Blue dots are DWR test holes. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). For the AEM resistivity profile test holes within 1,500 feet of the flight line are plotted indicating lithology. The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

- PEAT
- LIGNITE
- COBBLES
- BOULDER
- ROCK
- PRECAMBRIAN
- WEATHERED GRANI
- SANDSTONE
- LIMESTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- BEDROCK
- GRAVEL
- SAND & GRAVEL
- SAND
- INTERBEDDED
- SILT
- CLAY
- TILL
- FILL
- TOPSOIL
- NOSAMPLE

AGF
Aqua Geo Frameworks

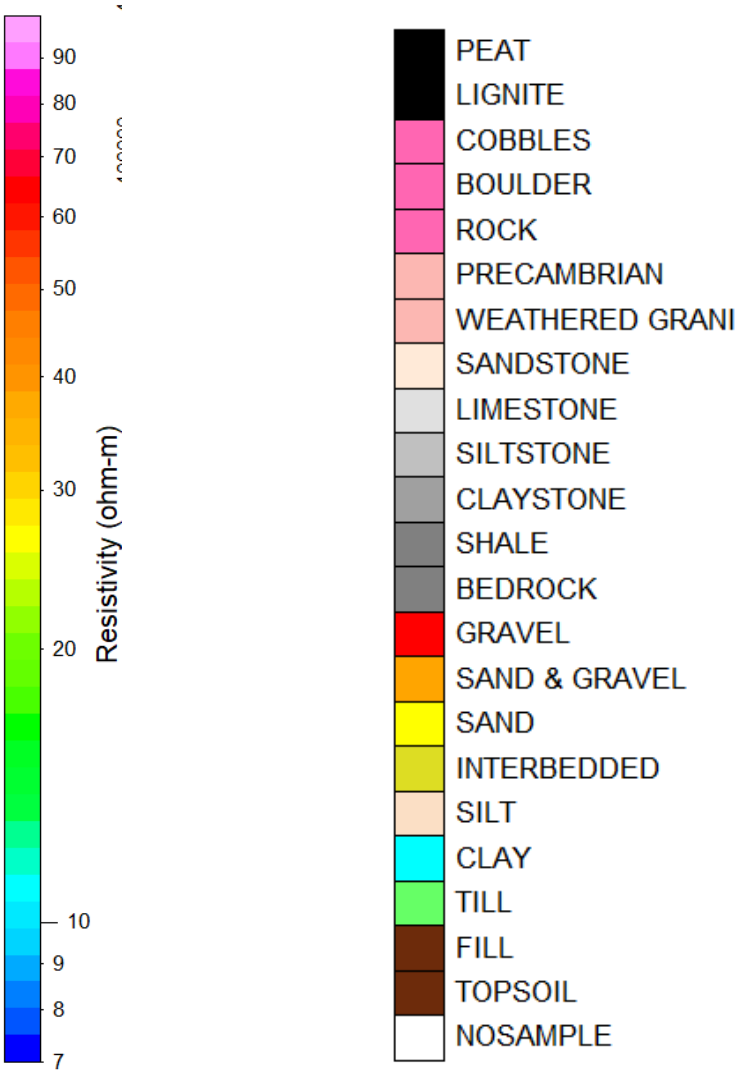
Area 1 - Appendix 1D:

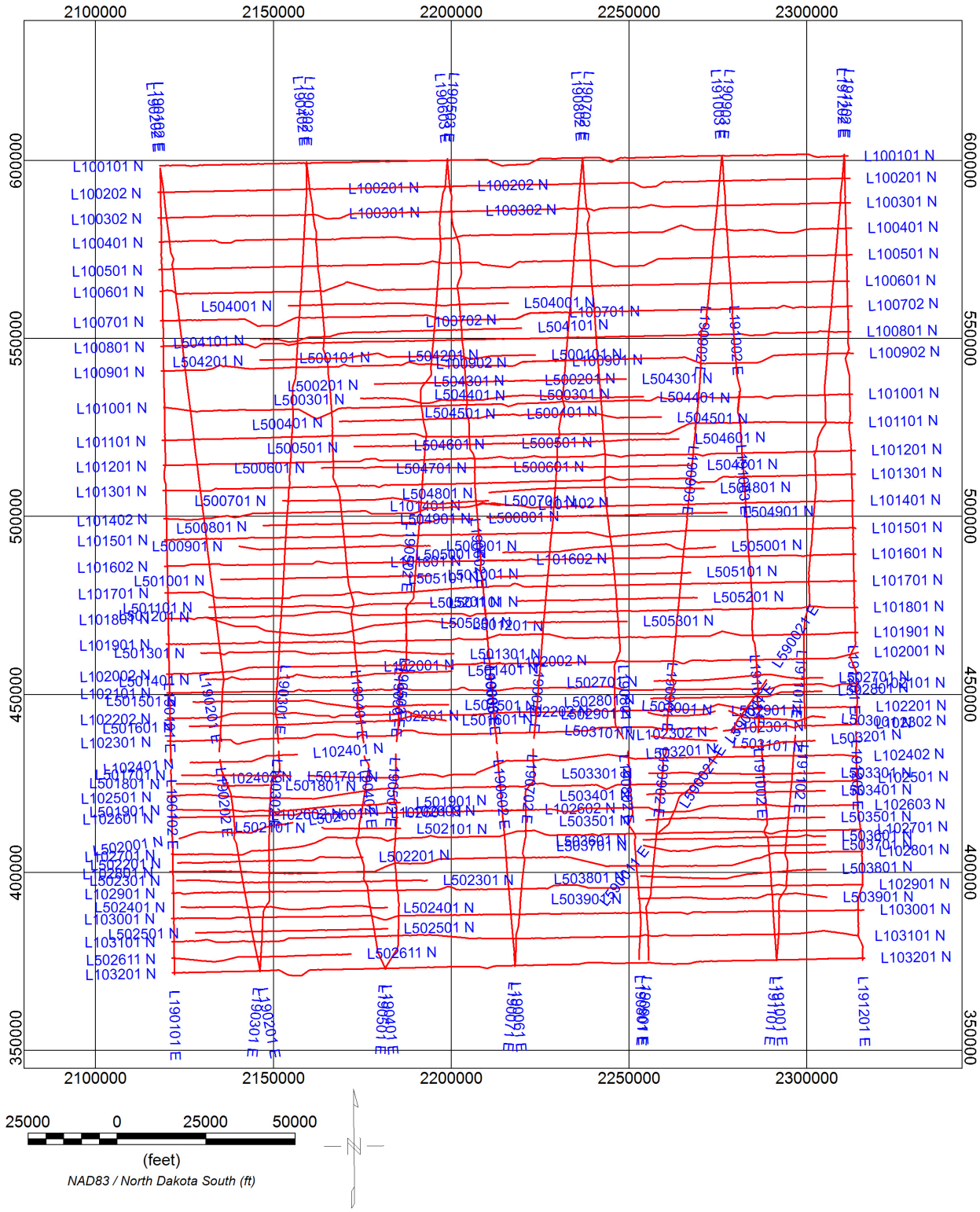
2D Profiles – ND 2024 Area 1 Inverted AEM Resistivity – No Boreholes Plotted

Pages: Area 1 - A1D-3 – Area 1 - A1D-130

This document contains 2D Profiles of the 2024 North Dakota Area 1 AEM survey showing no boreholes.

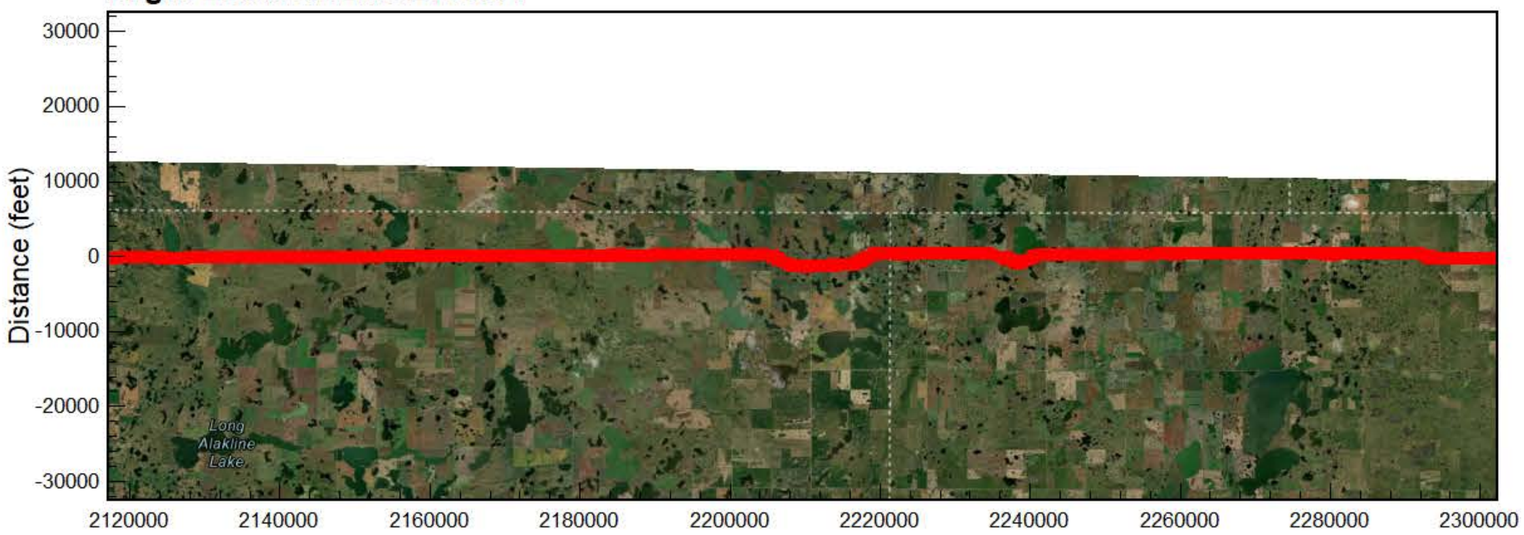
Each page has a flight line map at the top right and a flight line location view above an inverted resistivity profile. The lithology legend applies to the boreholes.



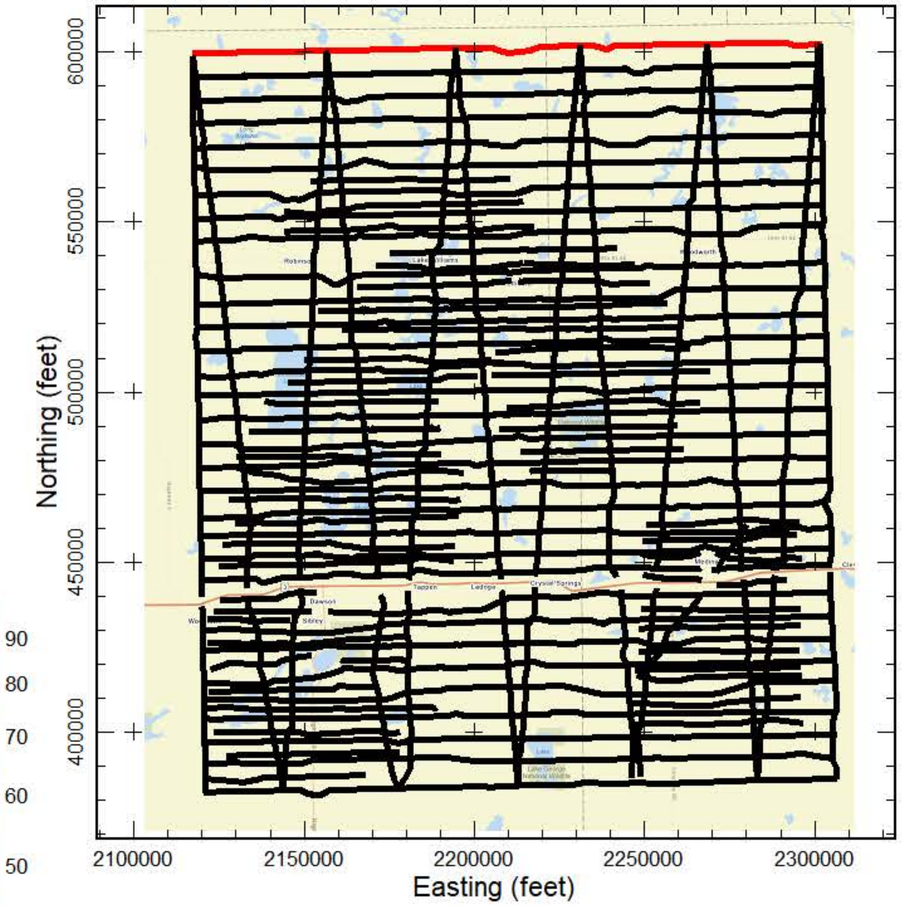


ND 2024 Area 1 Labeled Flight Lines

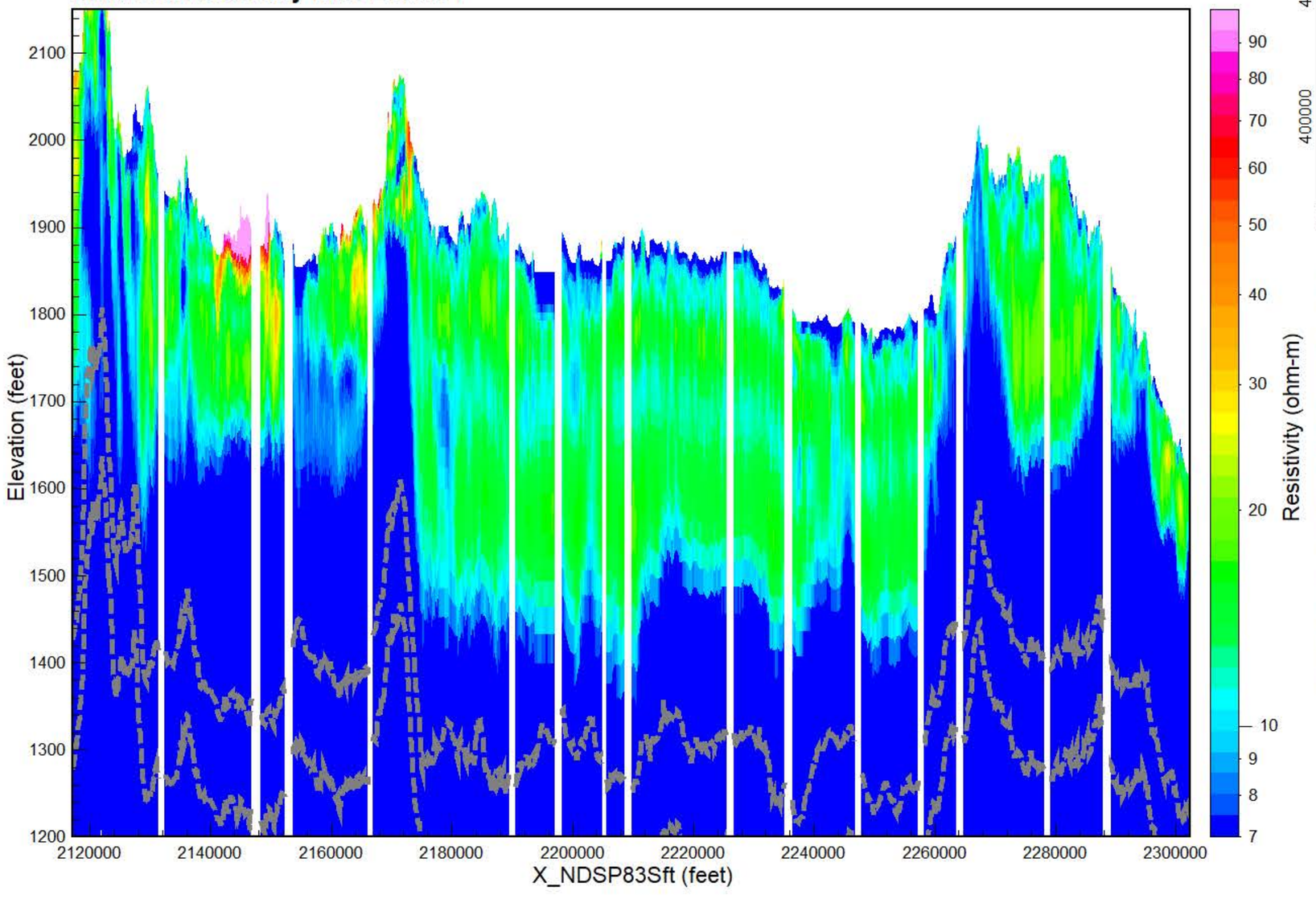
Flight Location Line L100101



AEM Survey Area 1



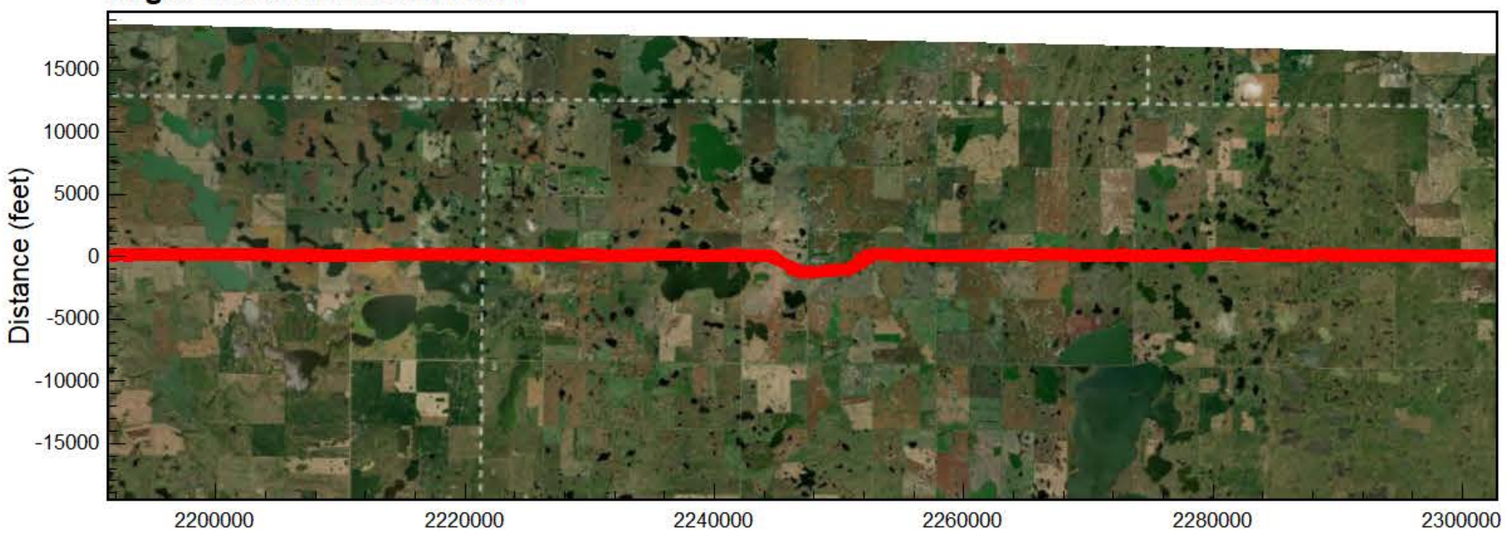
Final SCI Resistivity Line L100101



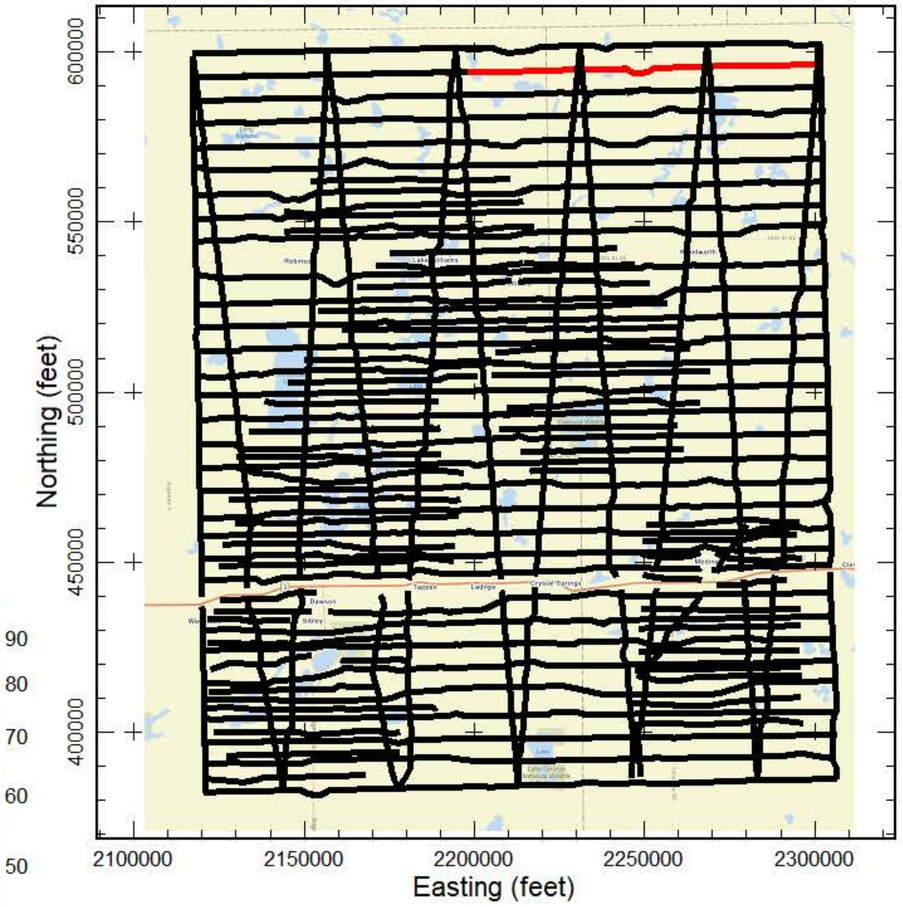
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

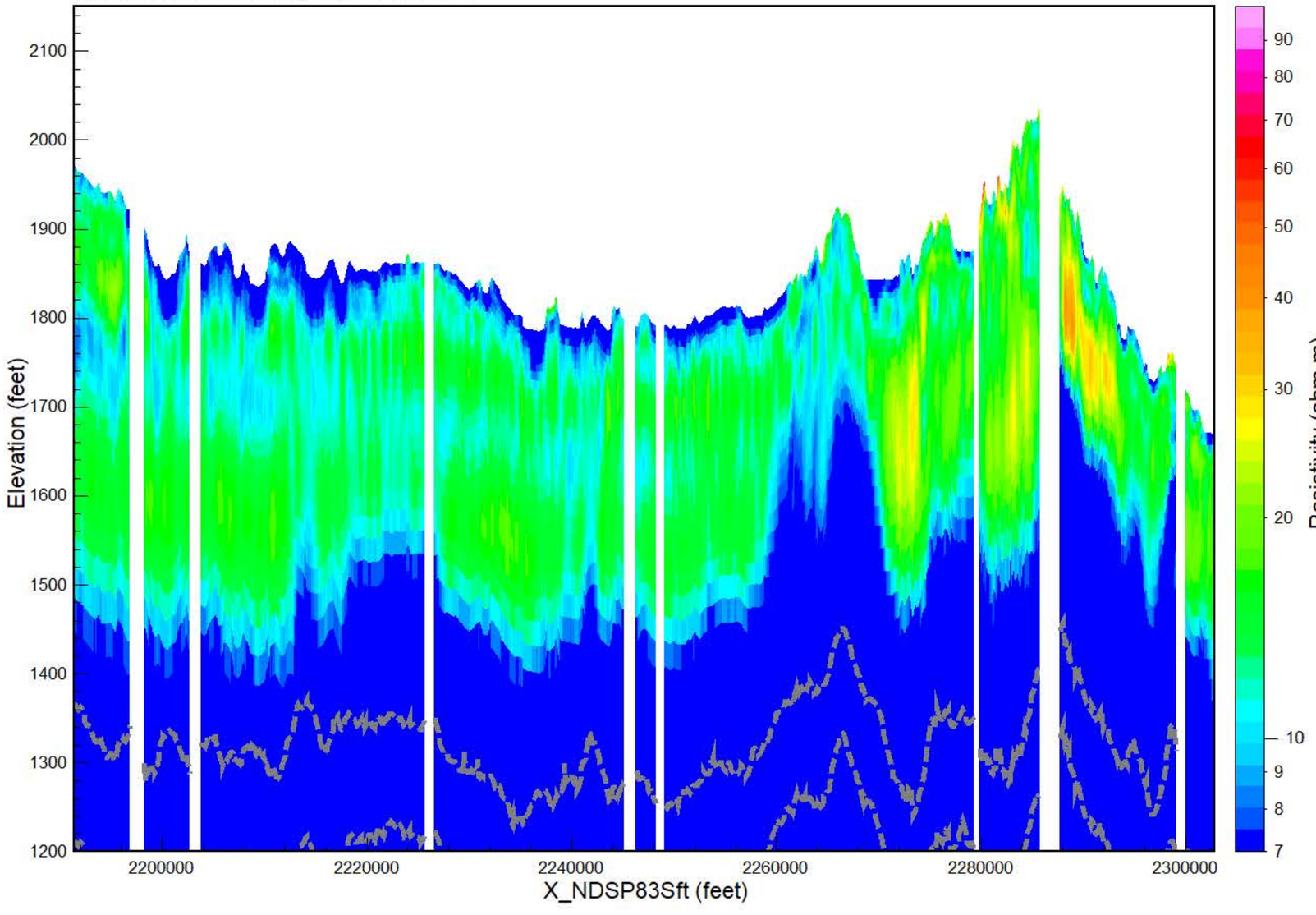
Flight Location Line L100201



AEM Survey Area 1



Final SCI Resistivity Line L100201



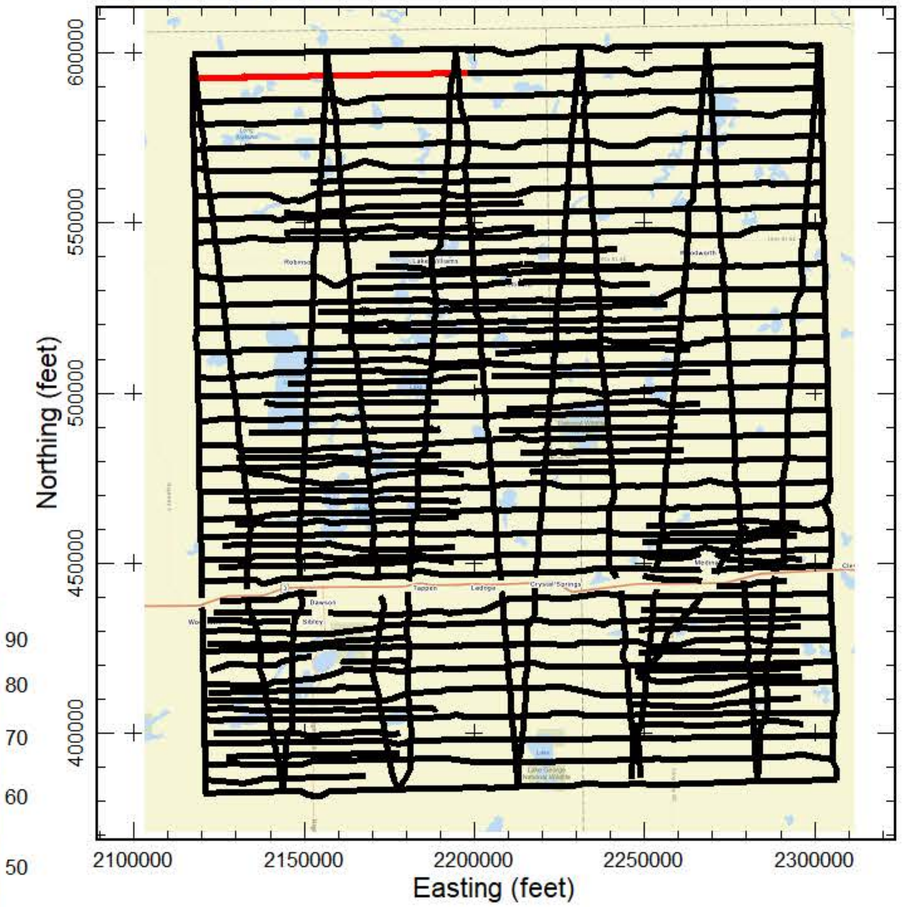
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

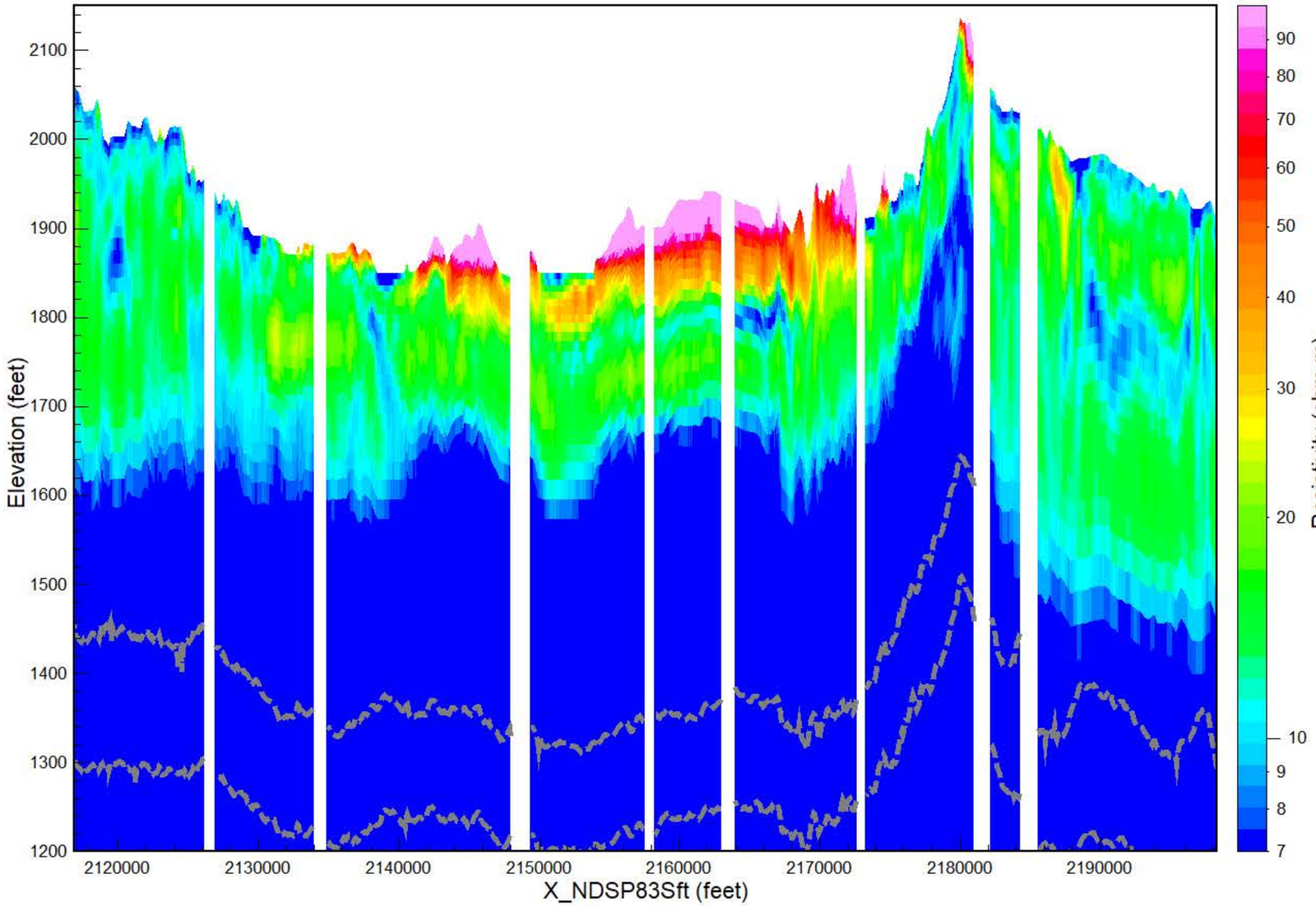
Flight Location Line L100202



AEM Survey Area 1



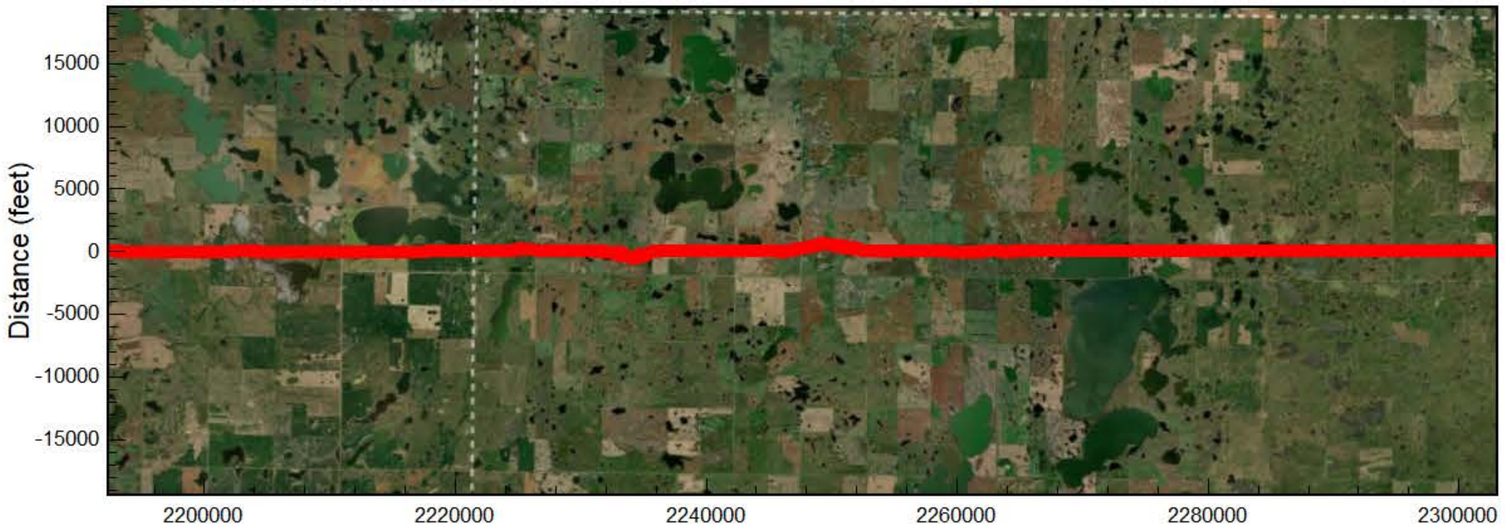
Final SCI Resistivity Line L100202



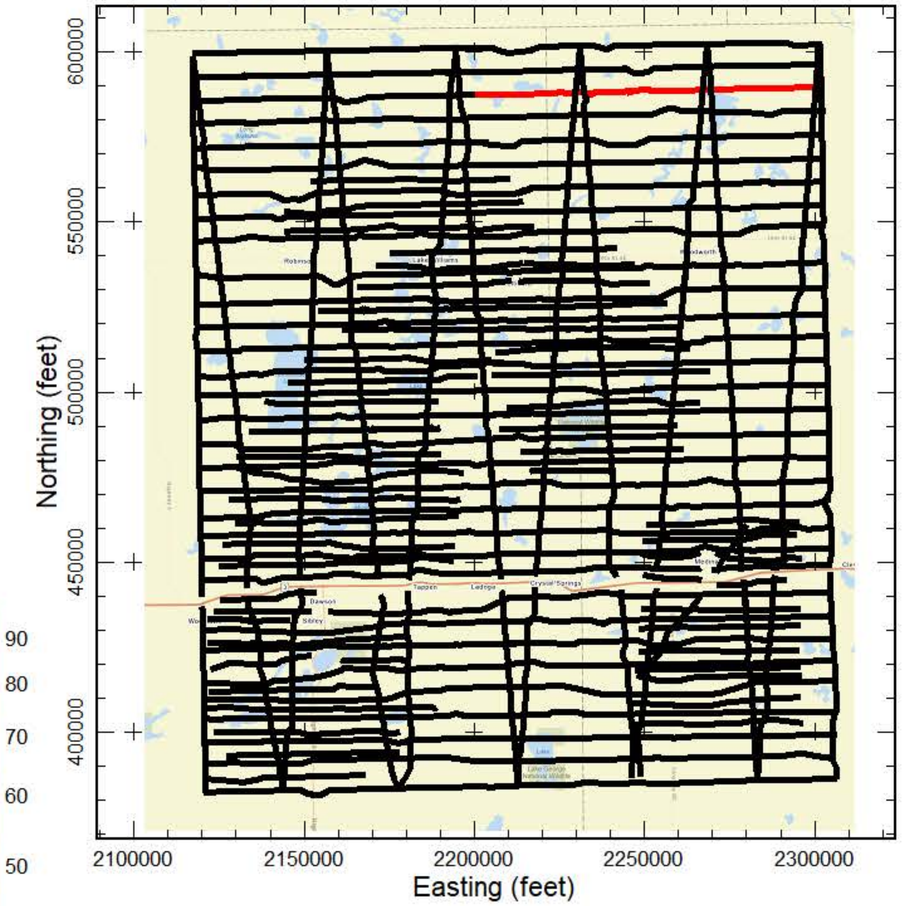
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

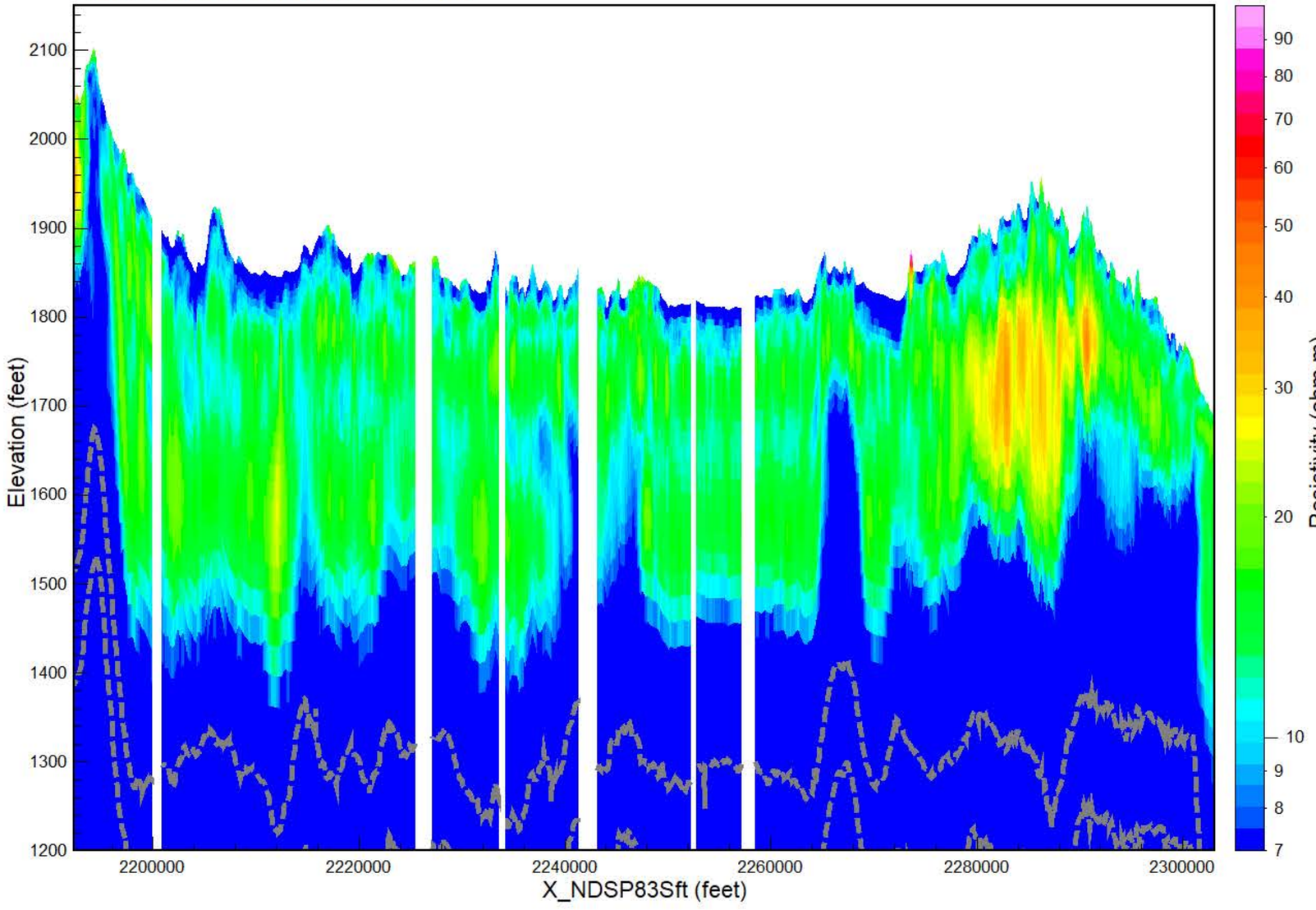
Flight Location Line L100301



AEM Survey Area 1



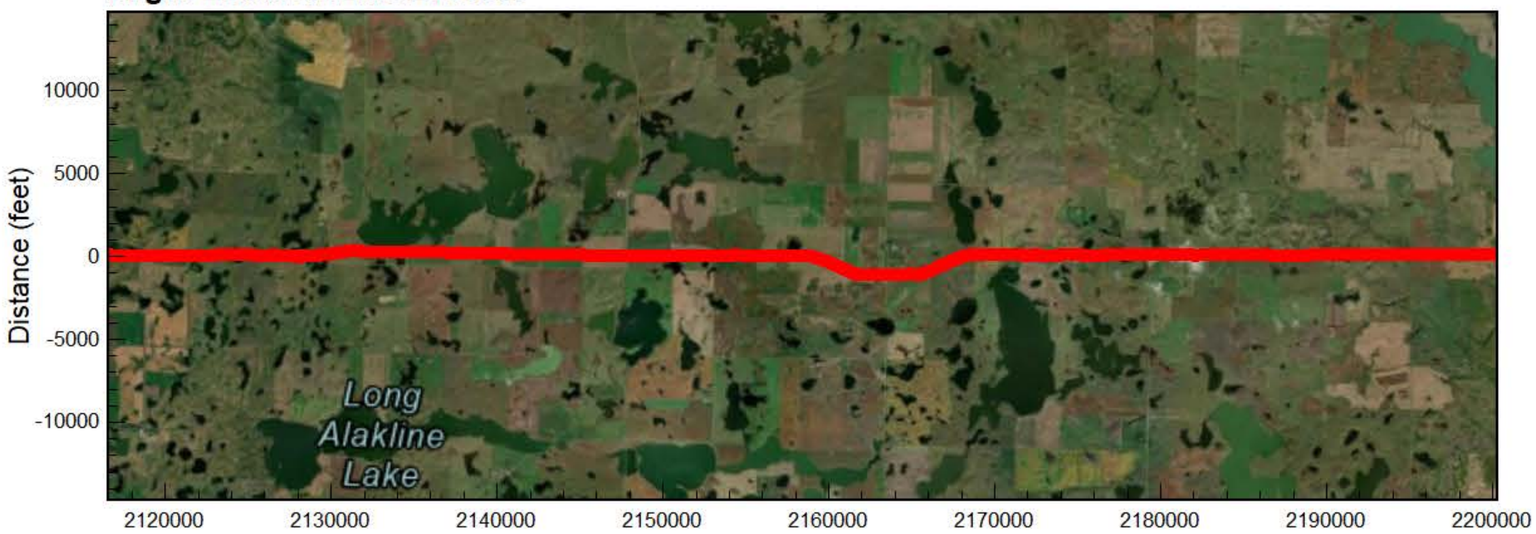
Final SCI Resistivity Line L100301



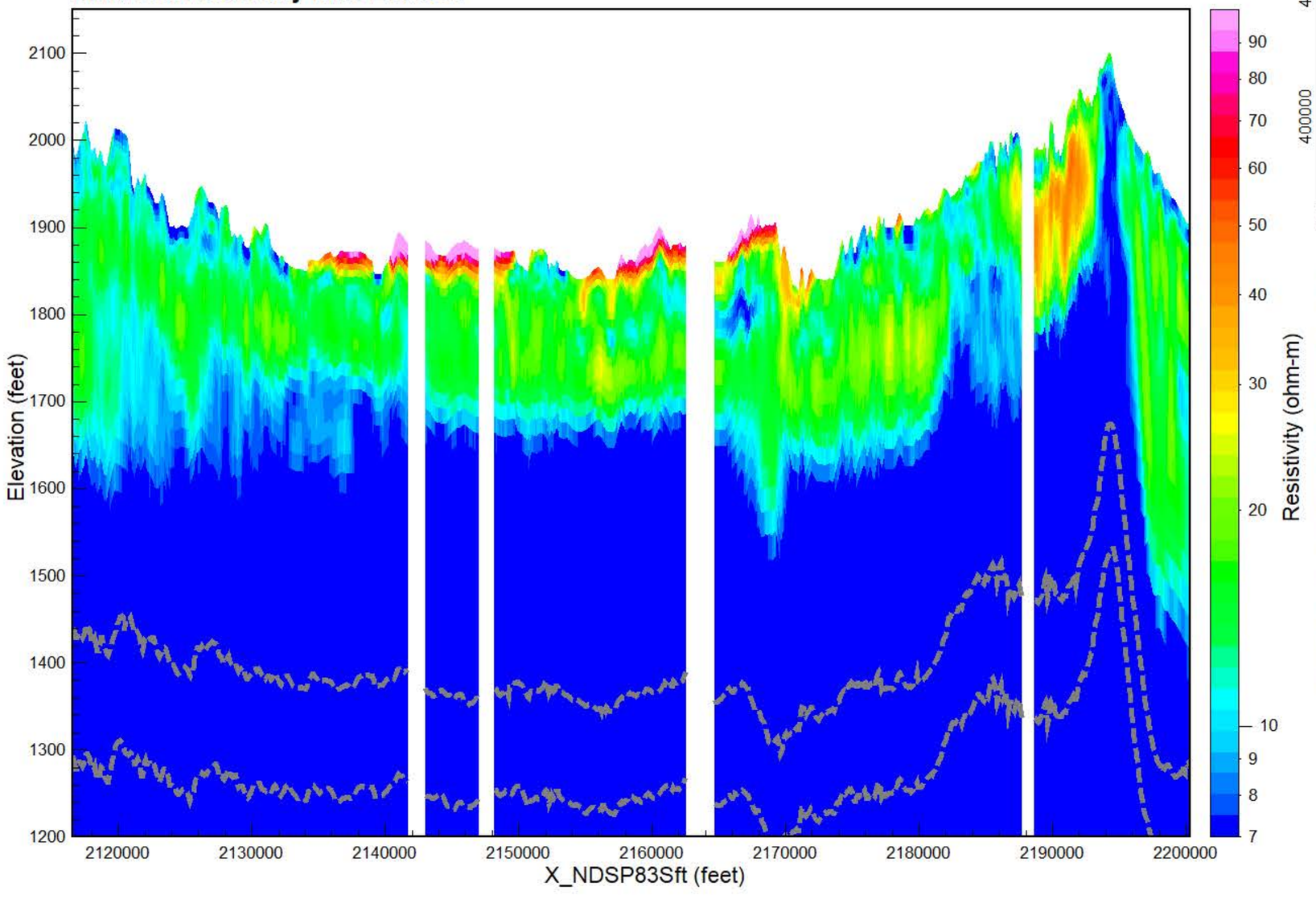
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

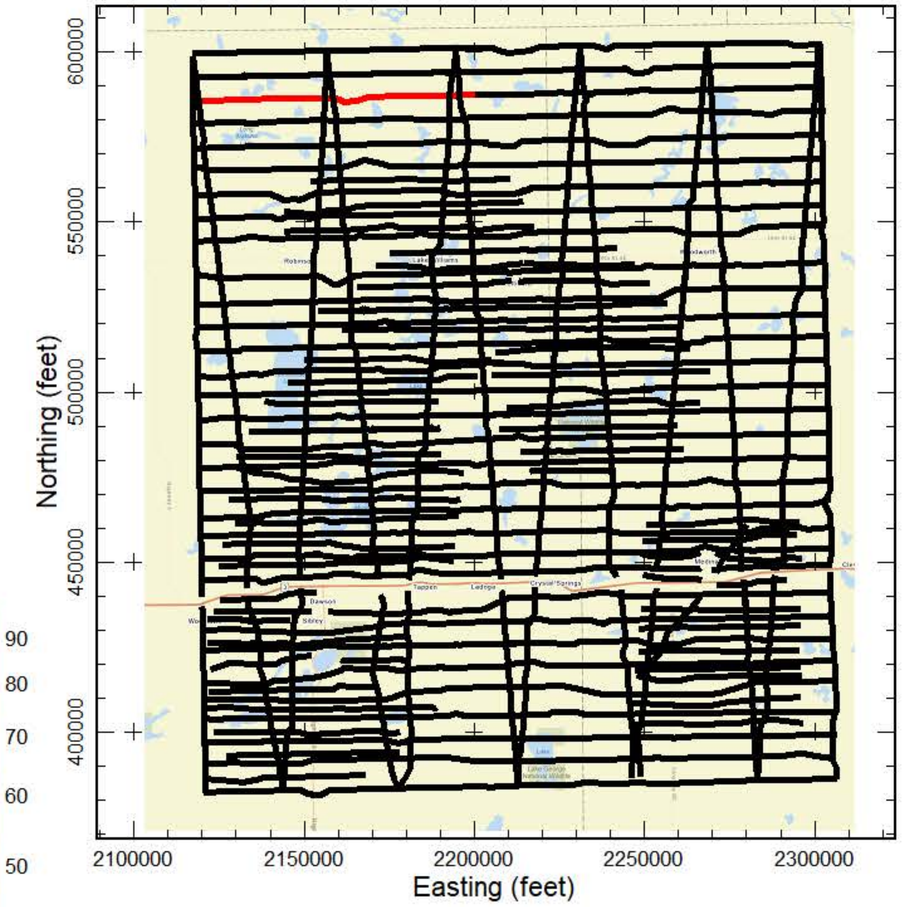
Flight Location Line L100302



Final SCI Resistivity Line L100302



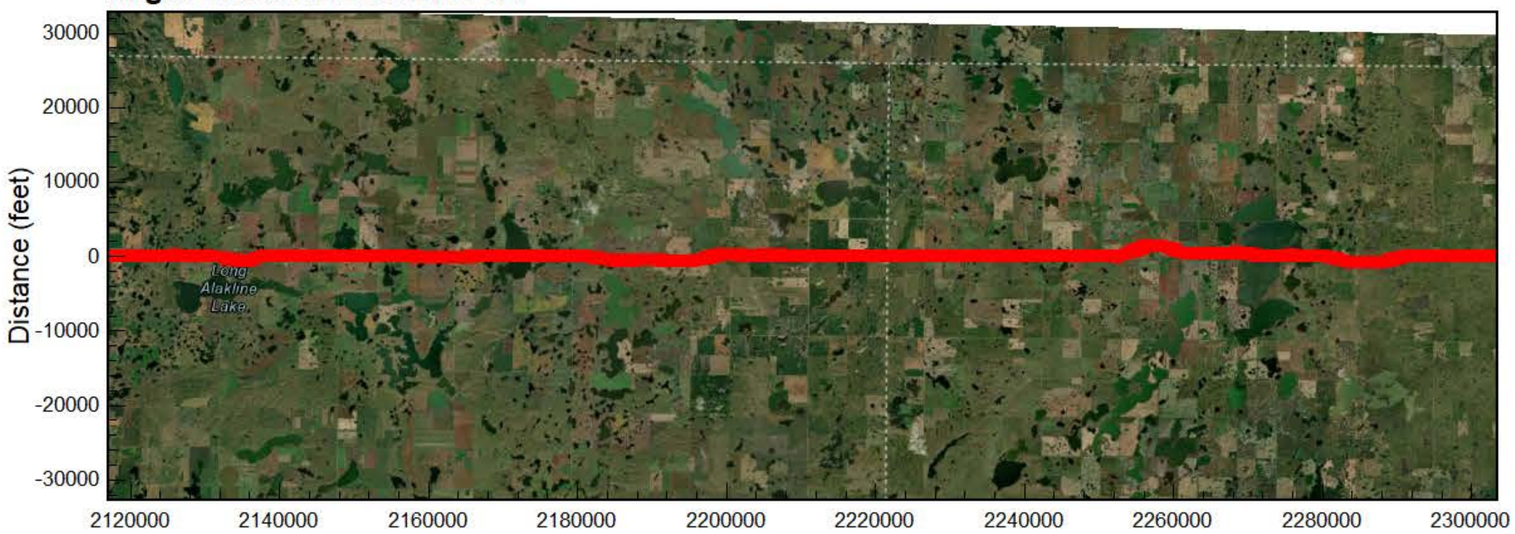
AEM Survey Area 1



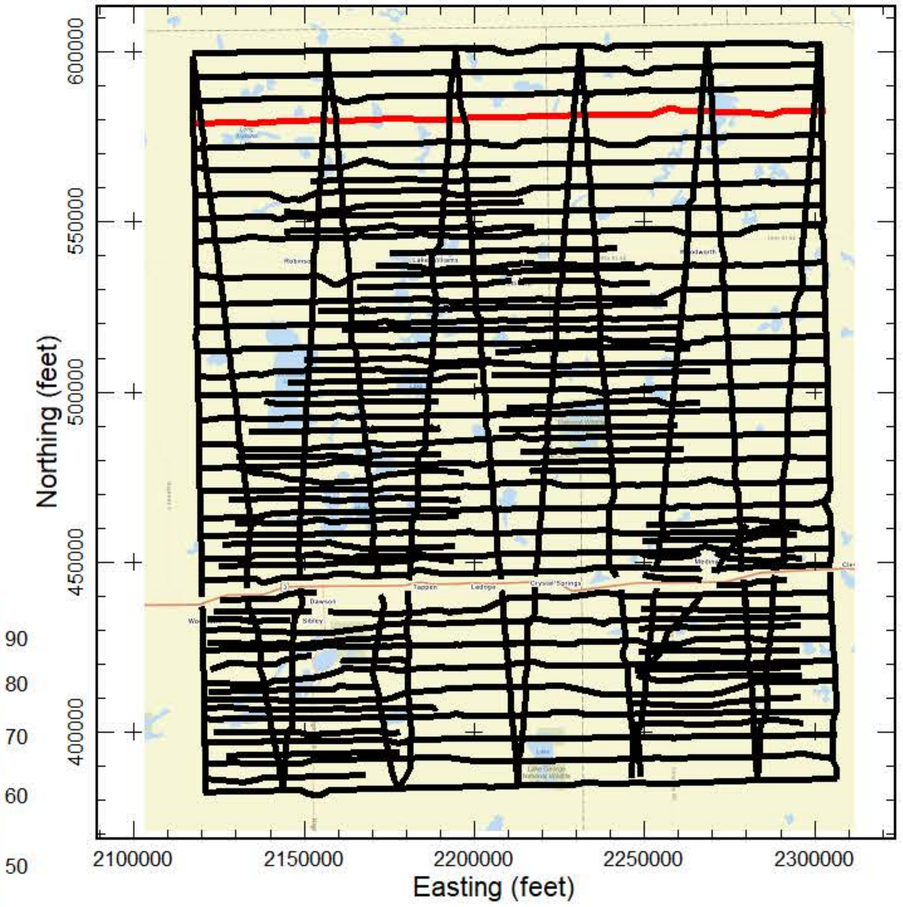
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

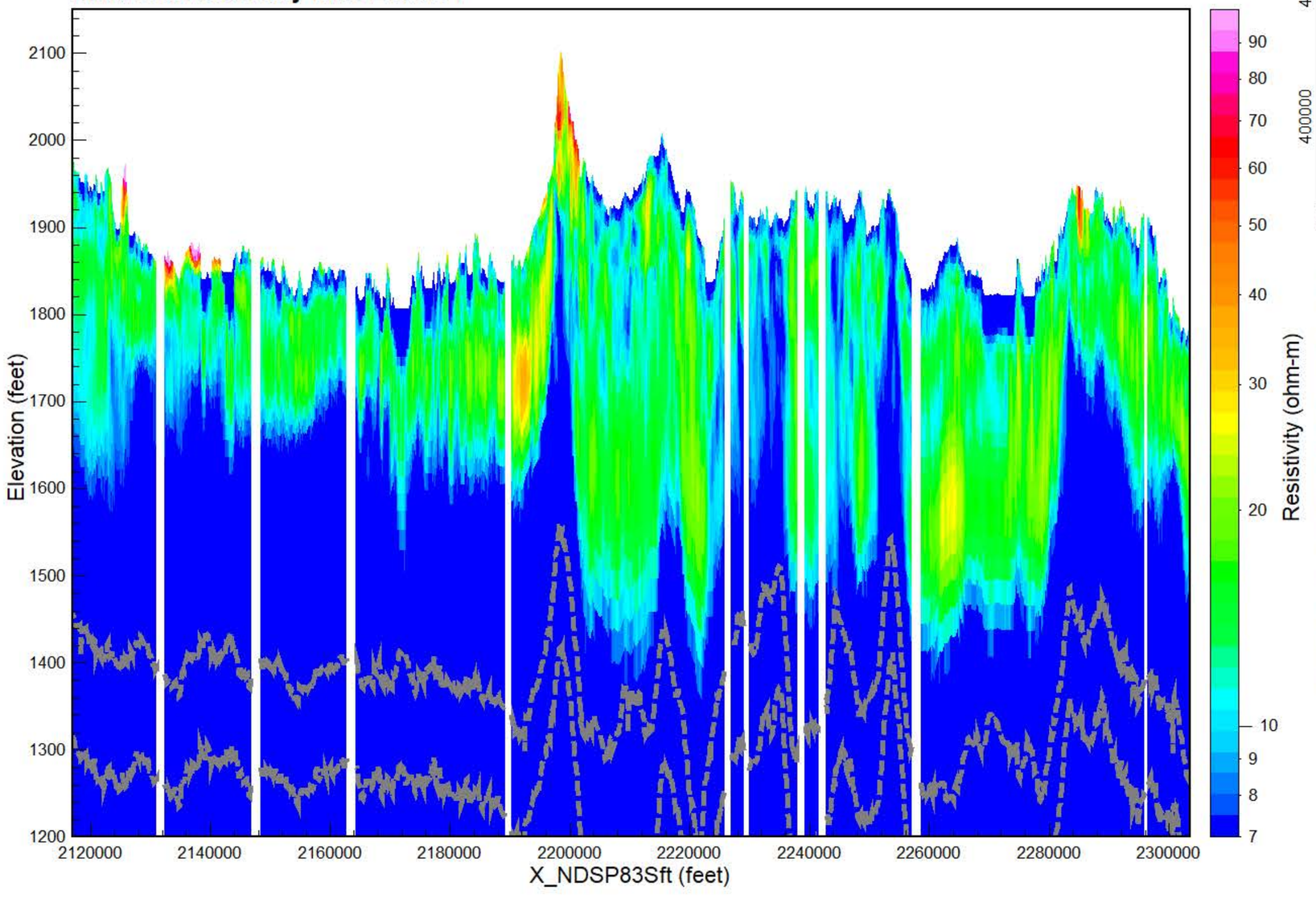
Flight Location Line L100401



AEM Survey Area 1



Final SCI Resistivity Line L100401



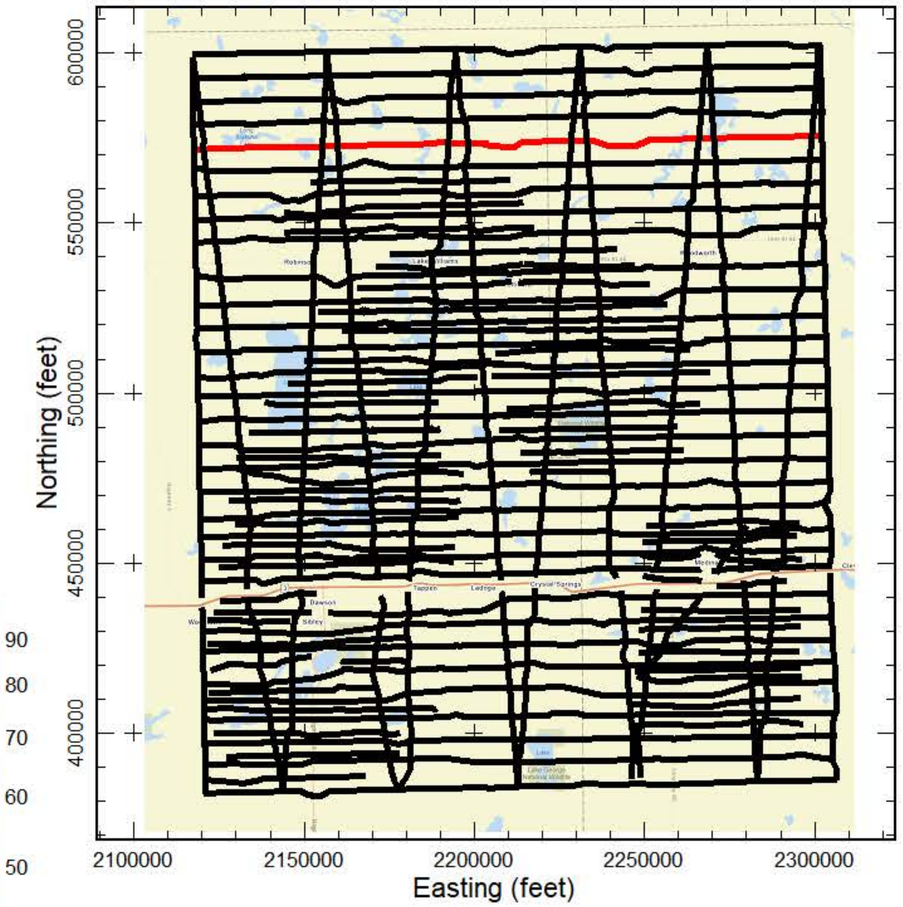
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

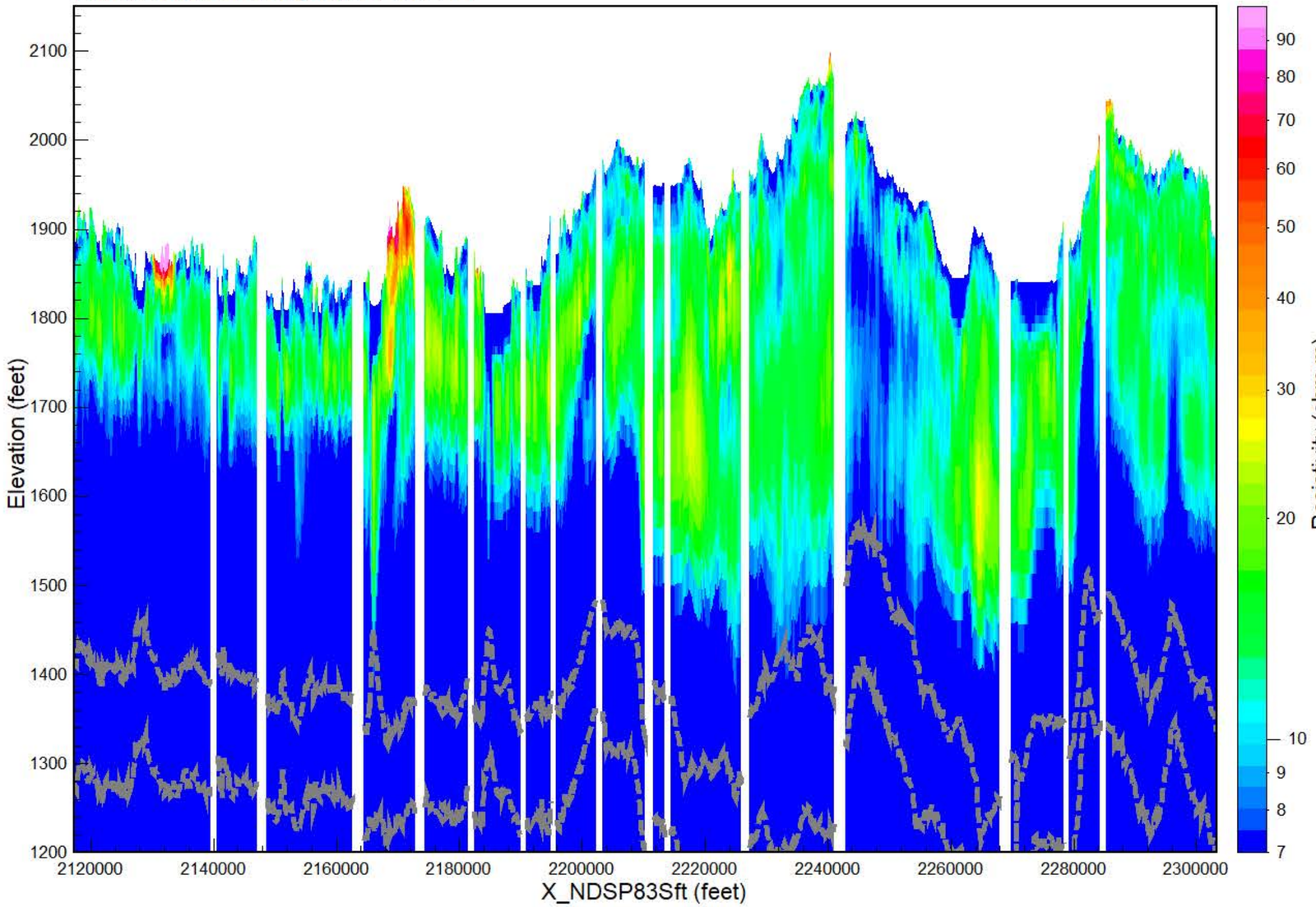
Flight Location Line L100501



AEM Survey Area 1



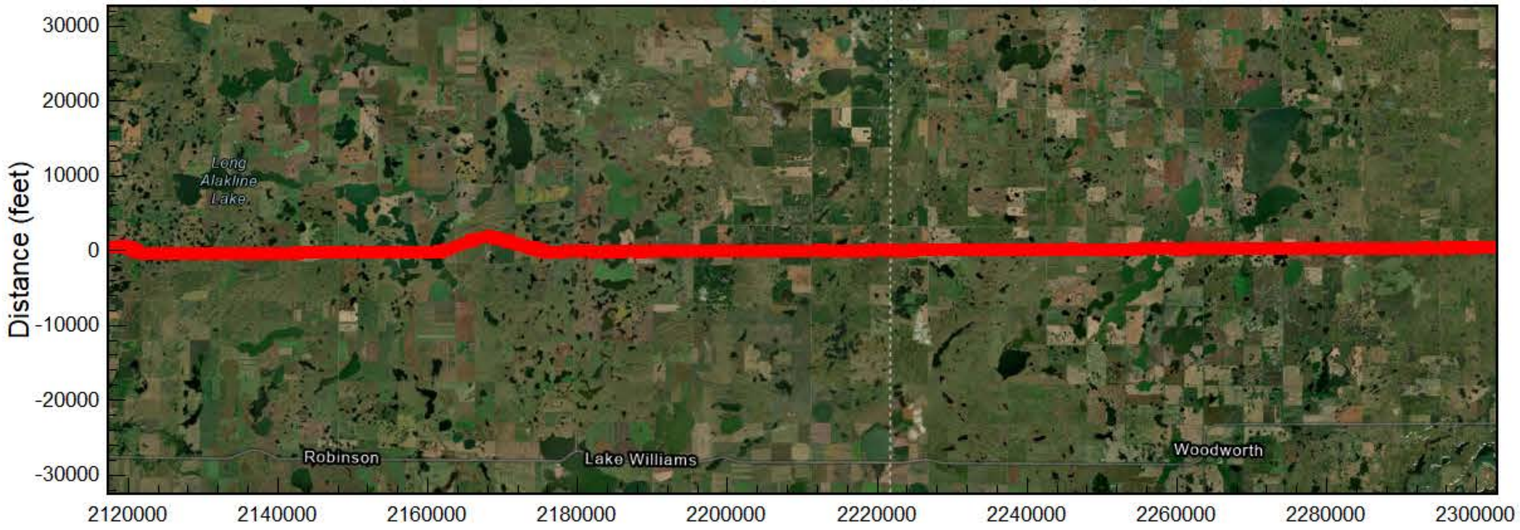
Final SCI Resistivity Line L100501



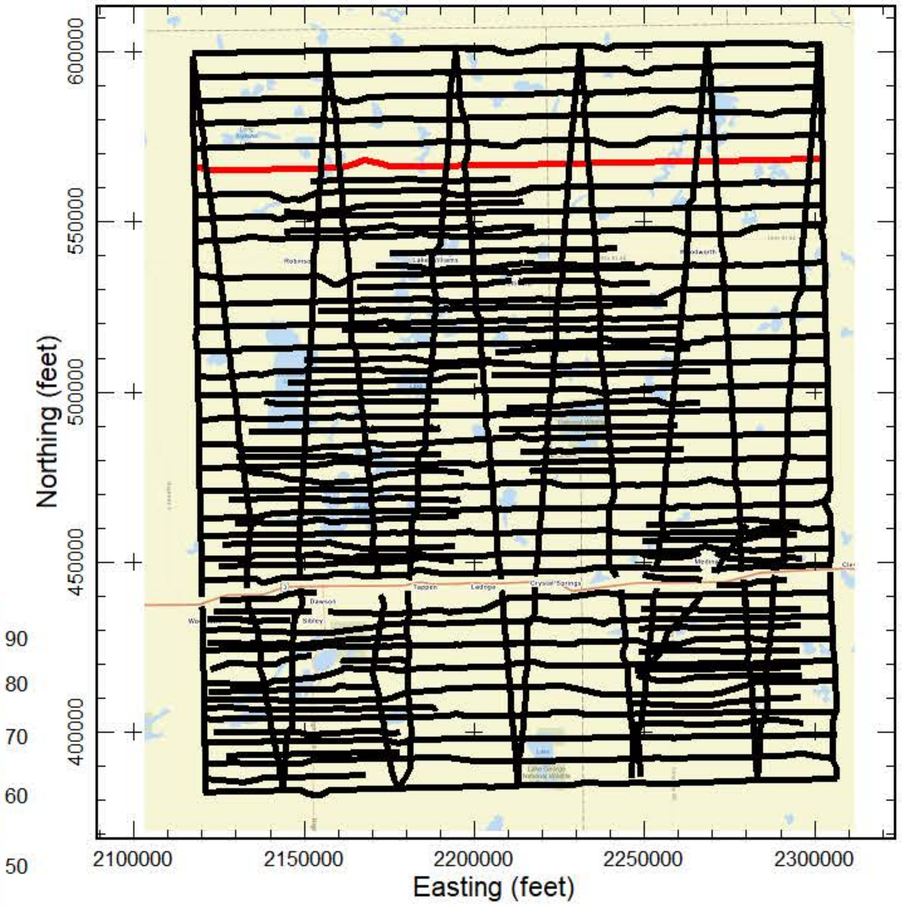
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

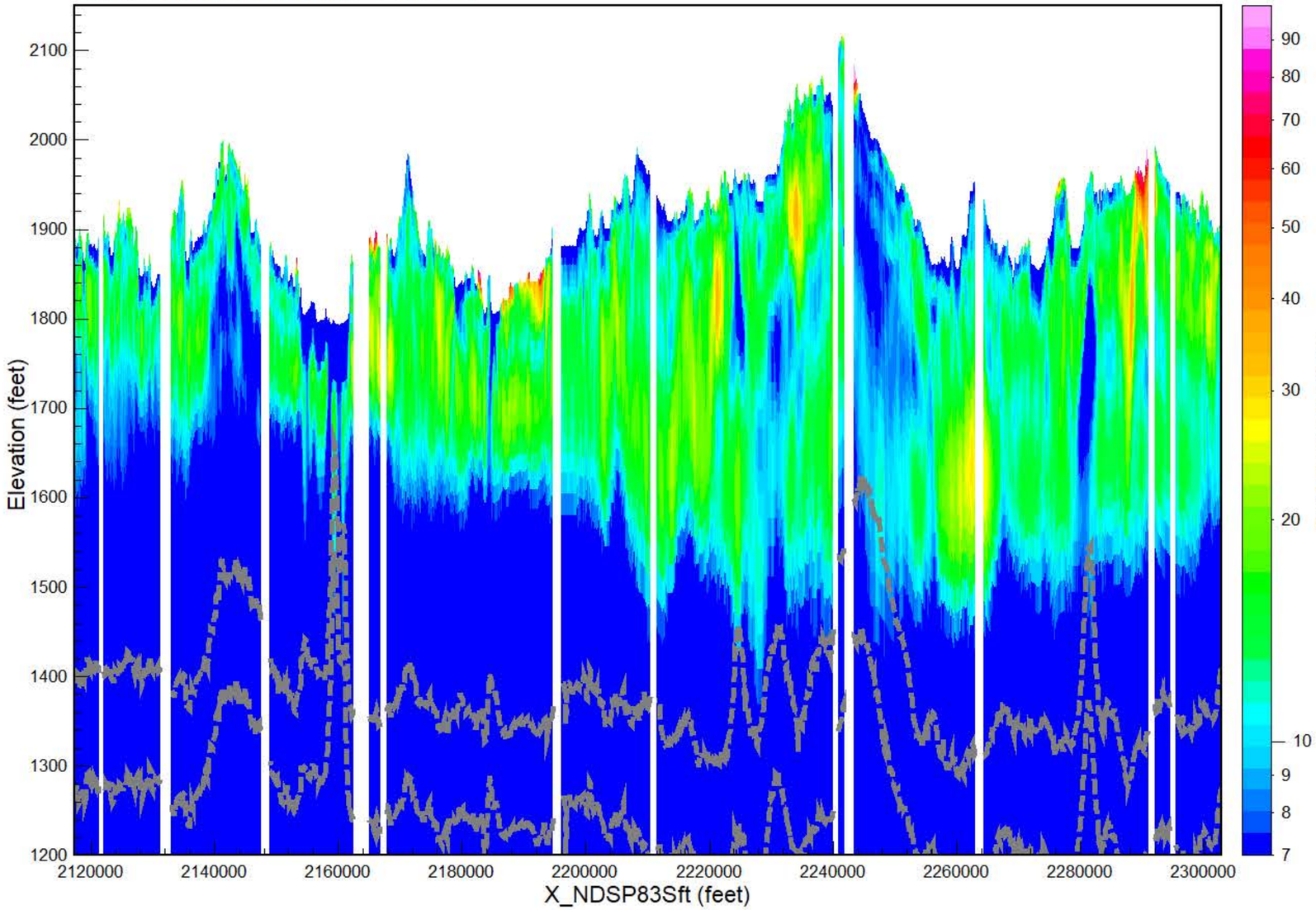
Flight Location Line L100601



AEM Survey Area 1



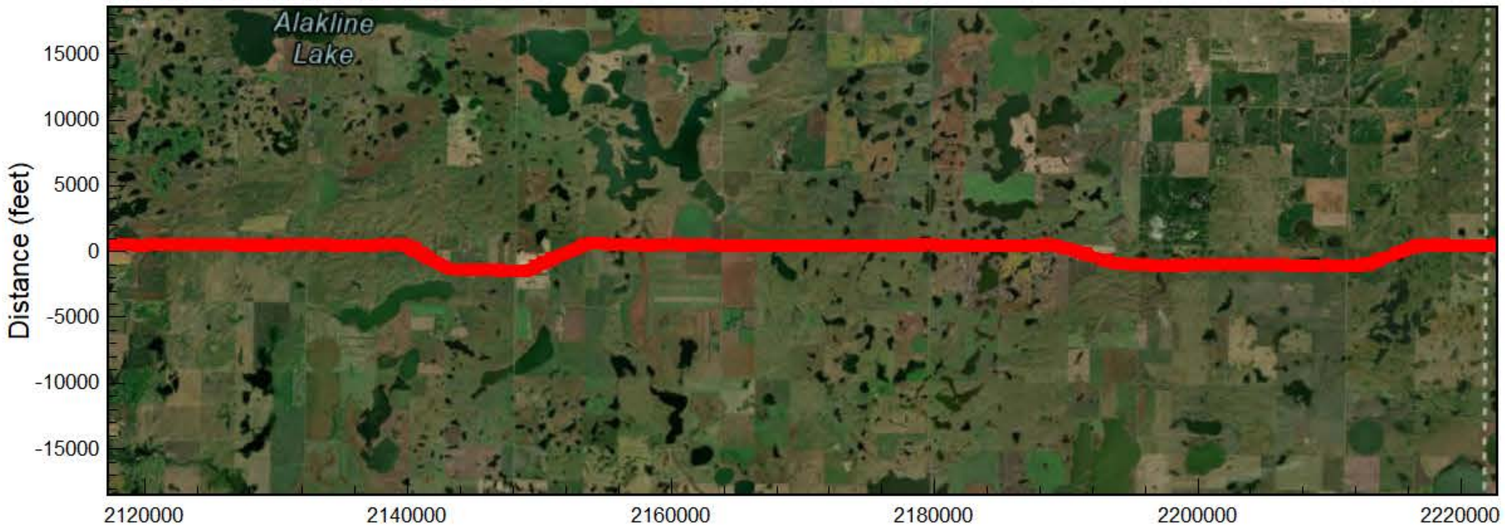
Final SCI Resistivity Line L100601



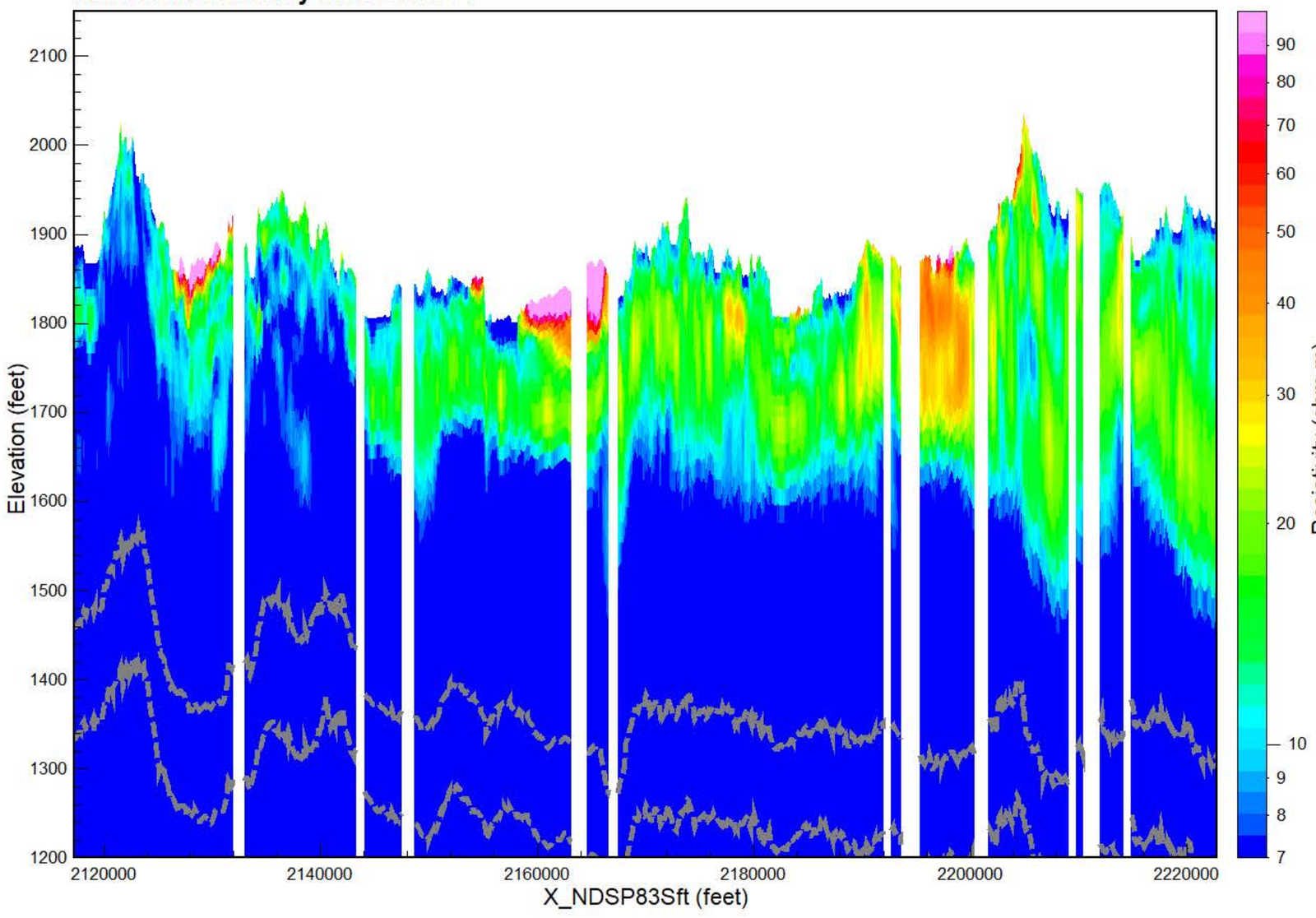
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

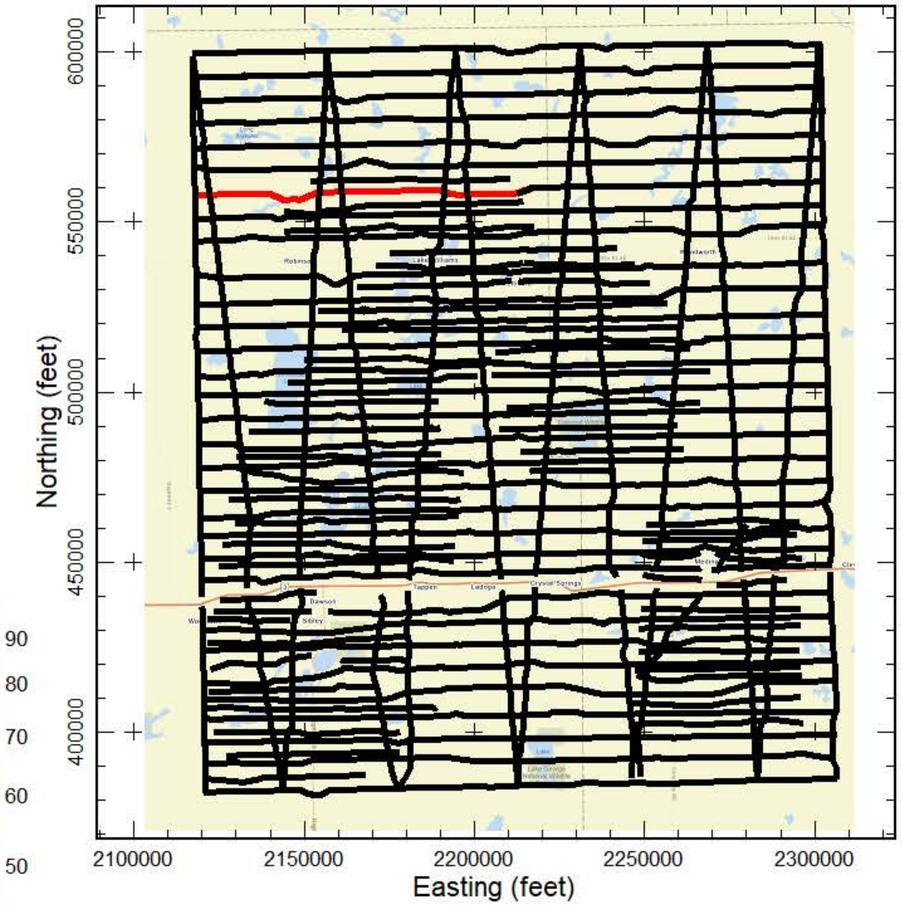
Flight Location Line L100701



Final SCI Resistivity Line L100701



AEM Survey Area 1



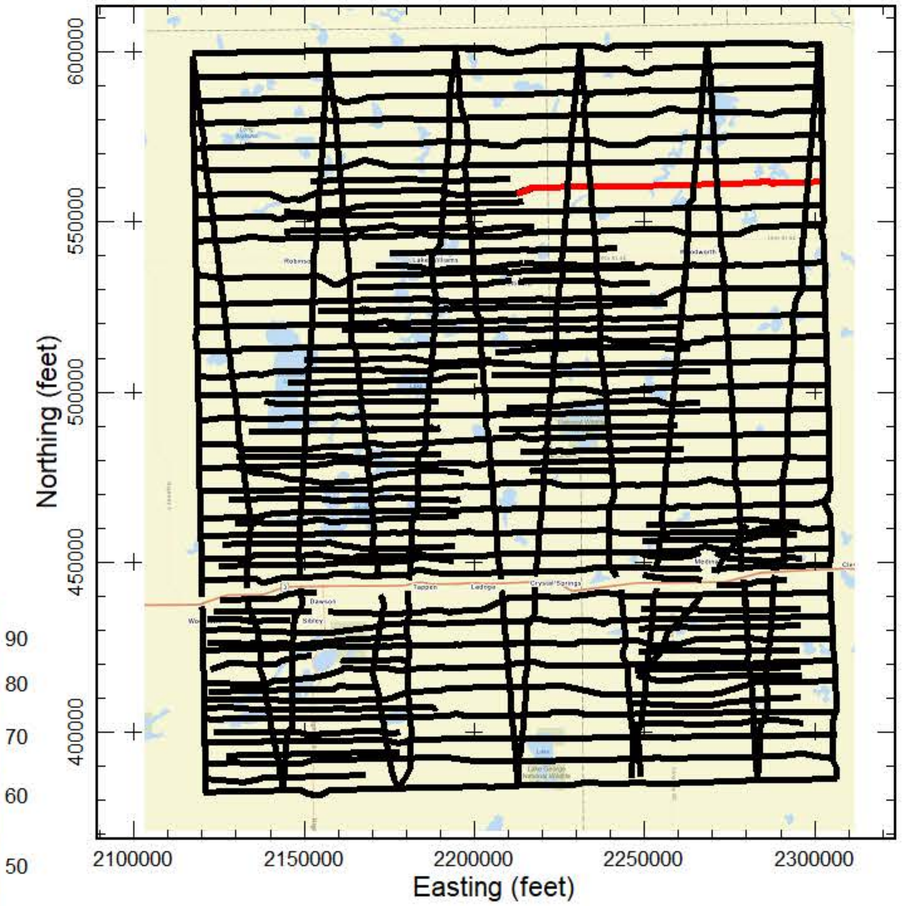
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

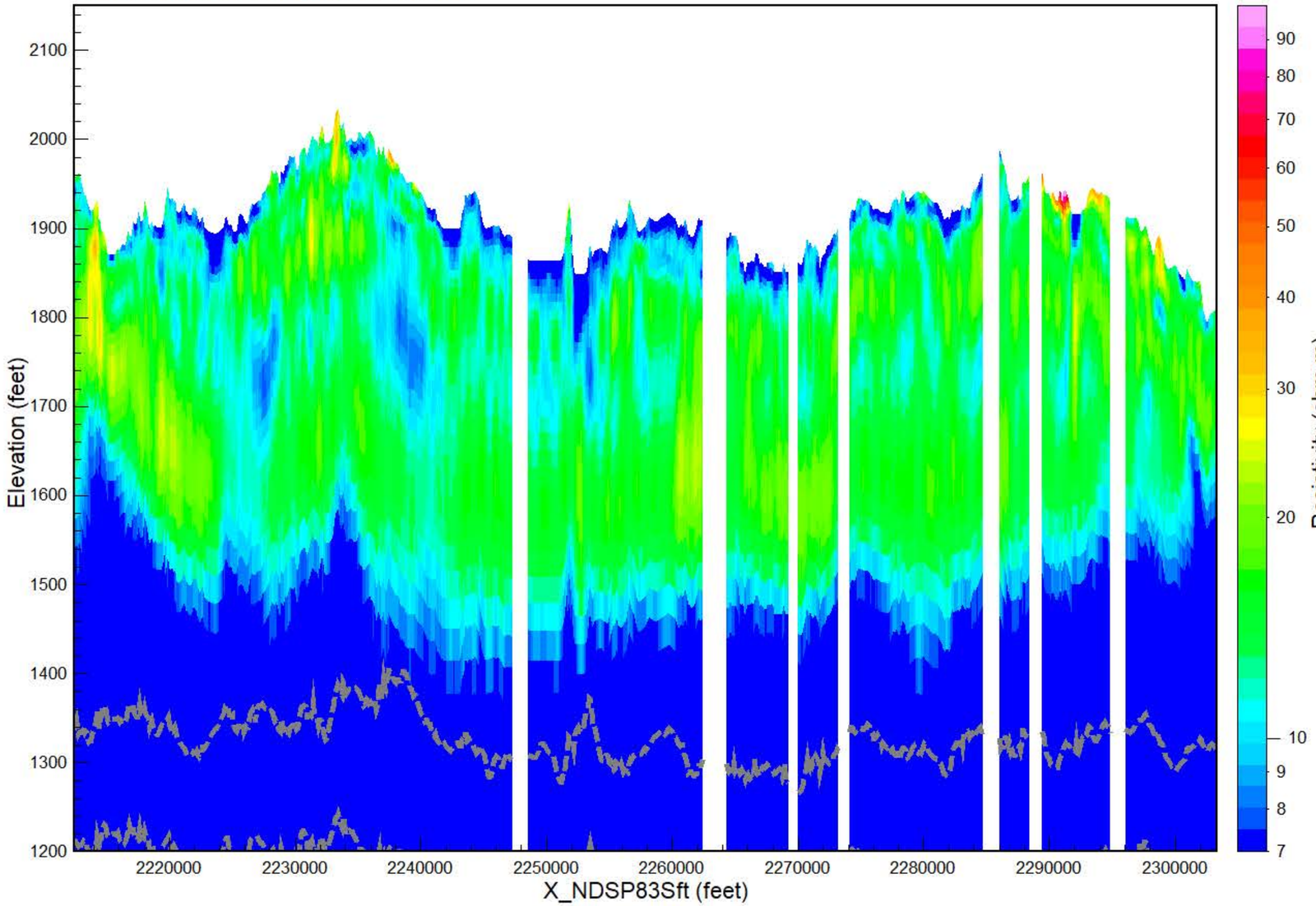
Flight Location Line L100702



AEM Survey Area 1



Final SCI Resistivity Line L100702



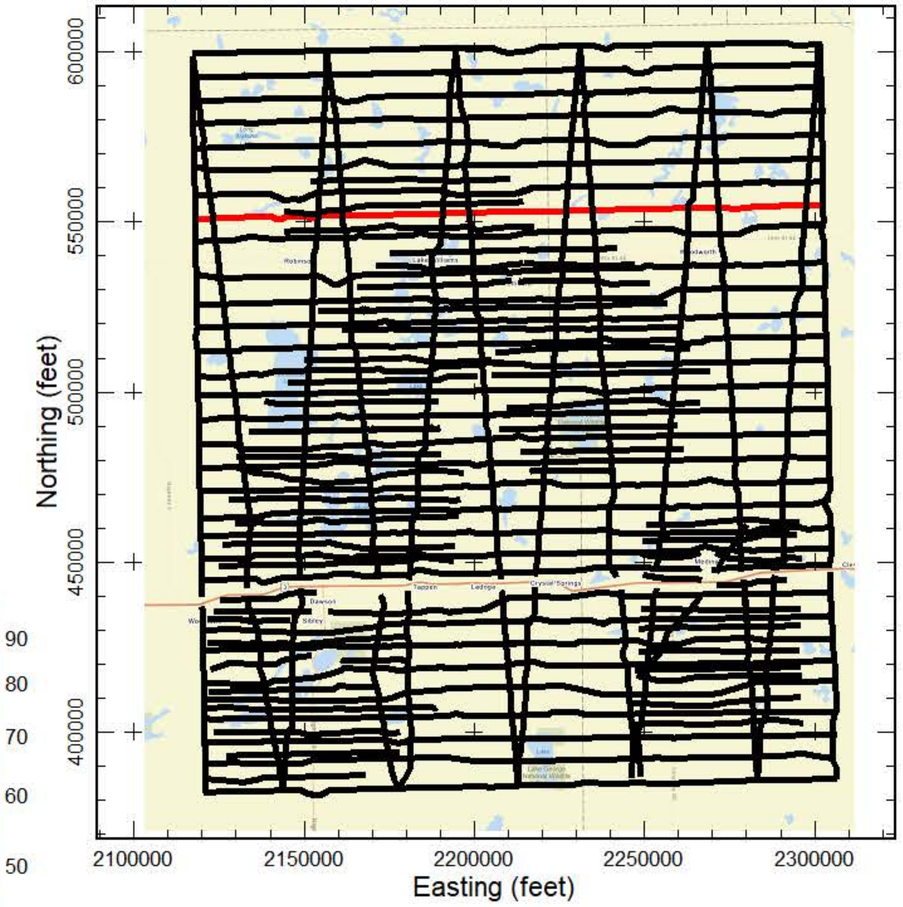
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

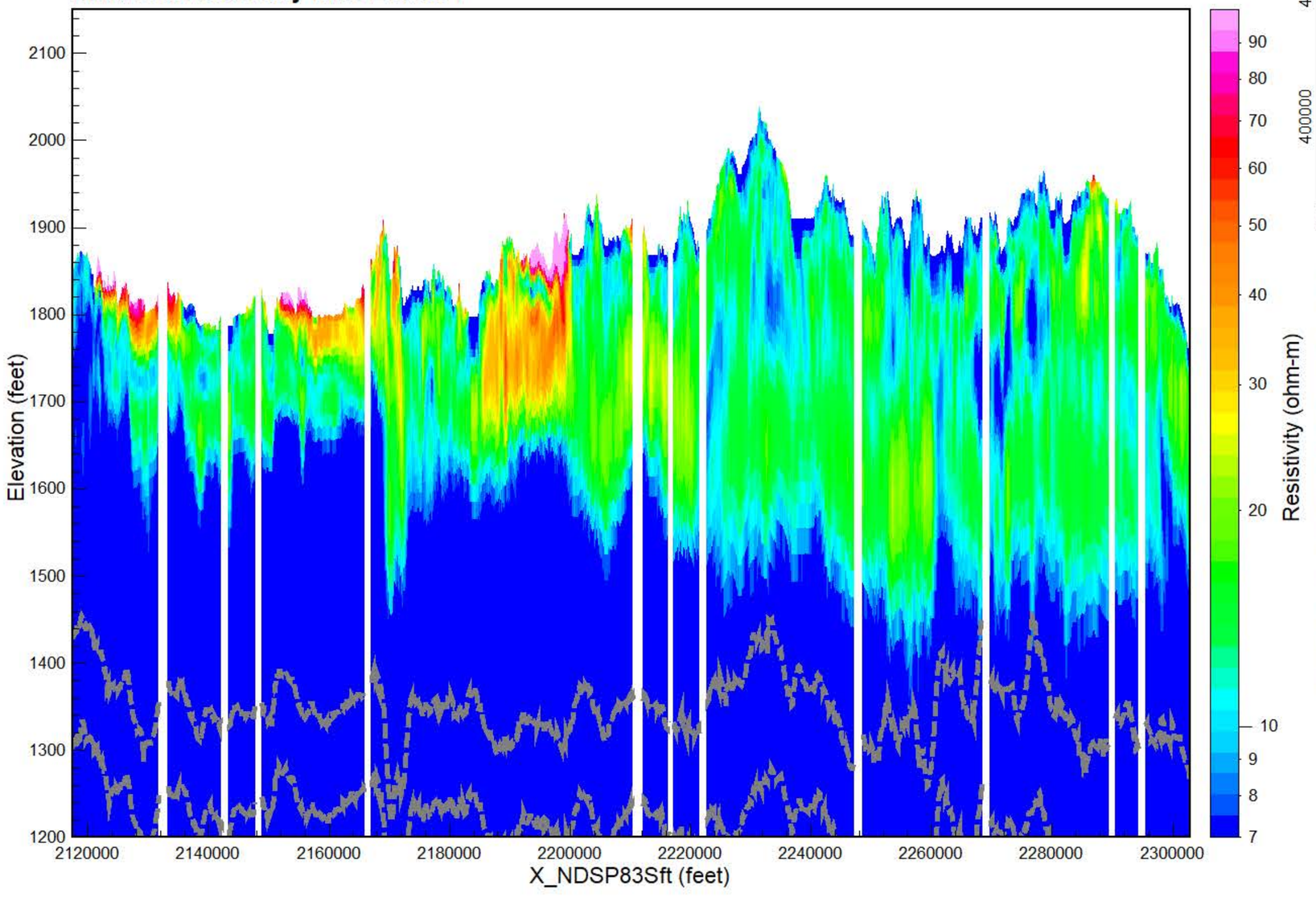
Flight Location Line L100801



AEM Survey Area 1



Final SCI Resistivity Line L100801



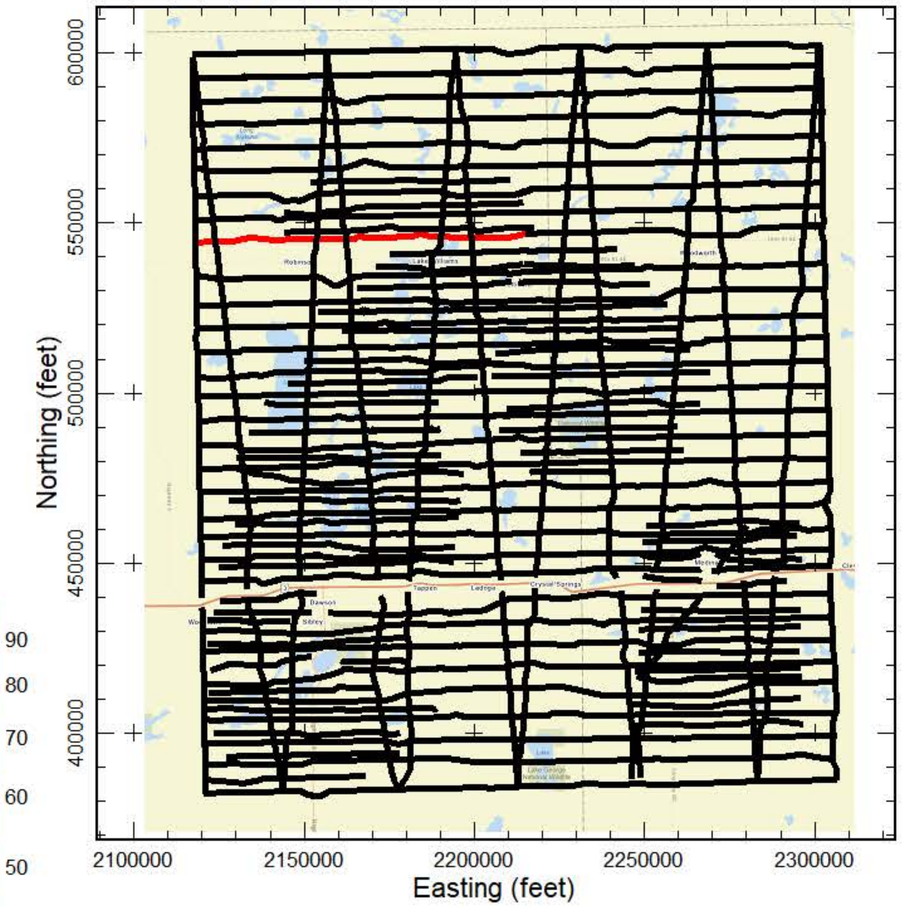
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

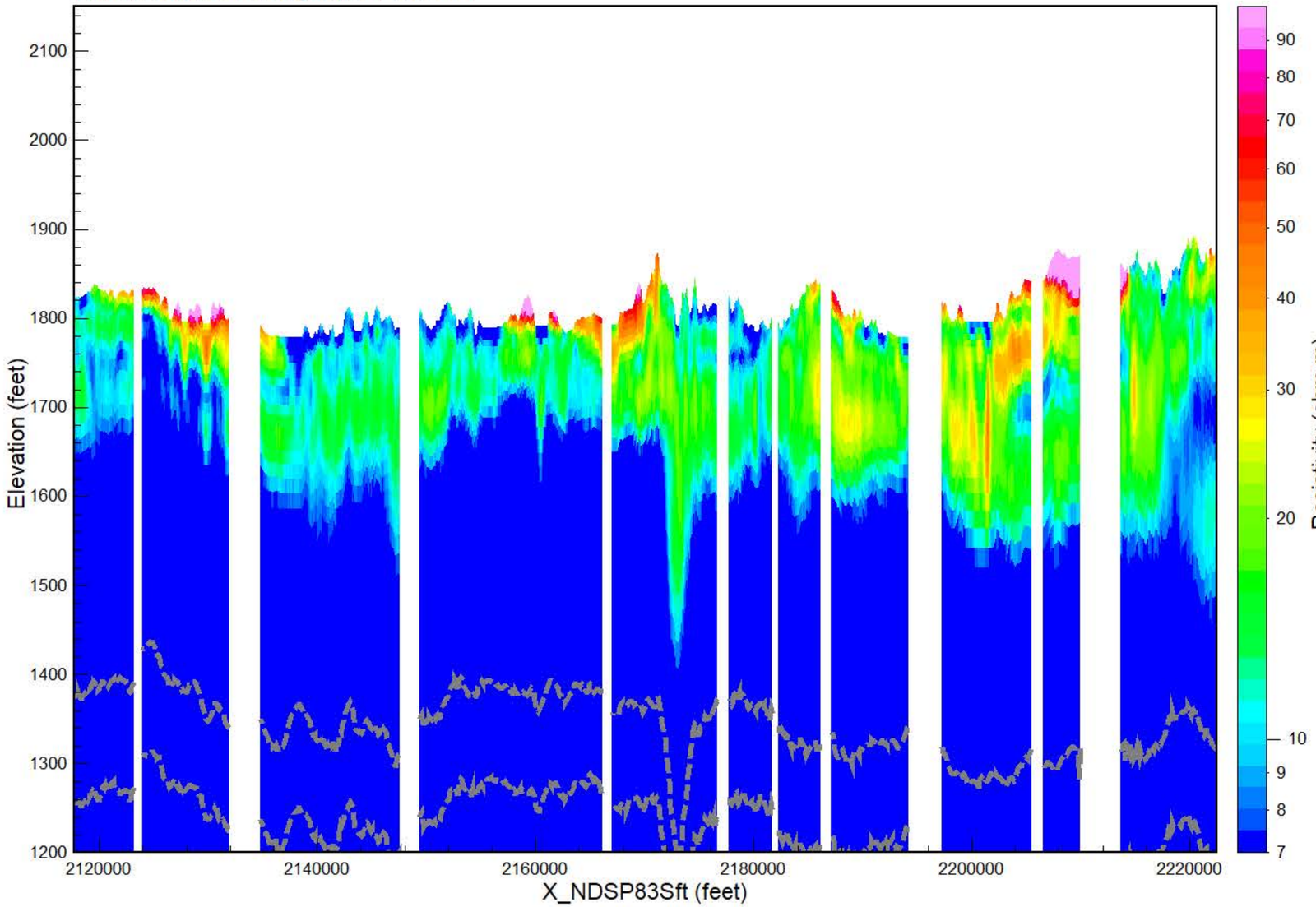
Flight Location Line L100901



AEM Survey Area 1



Final SCI Resistivity Line L100901



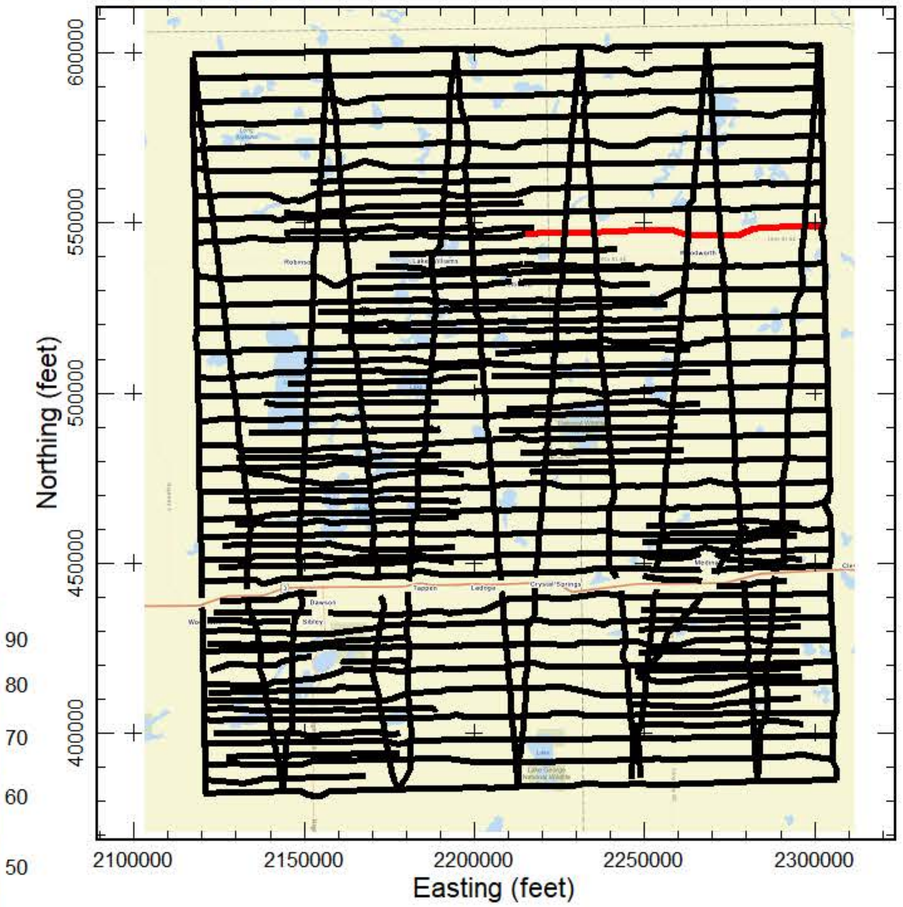
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

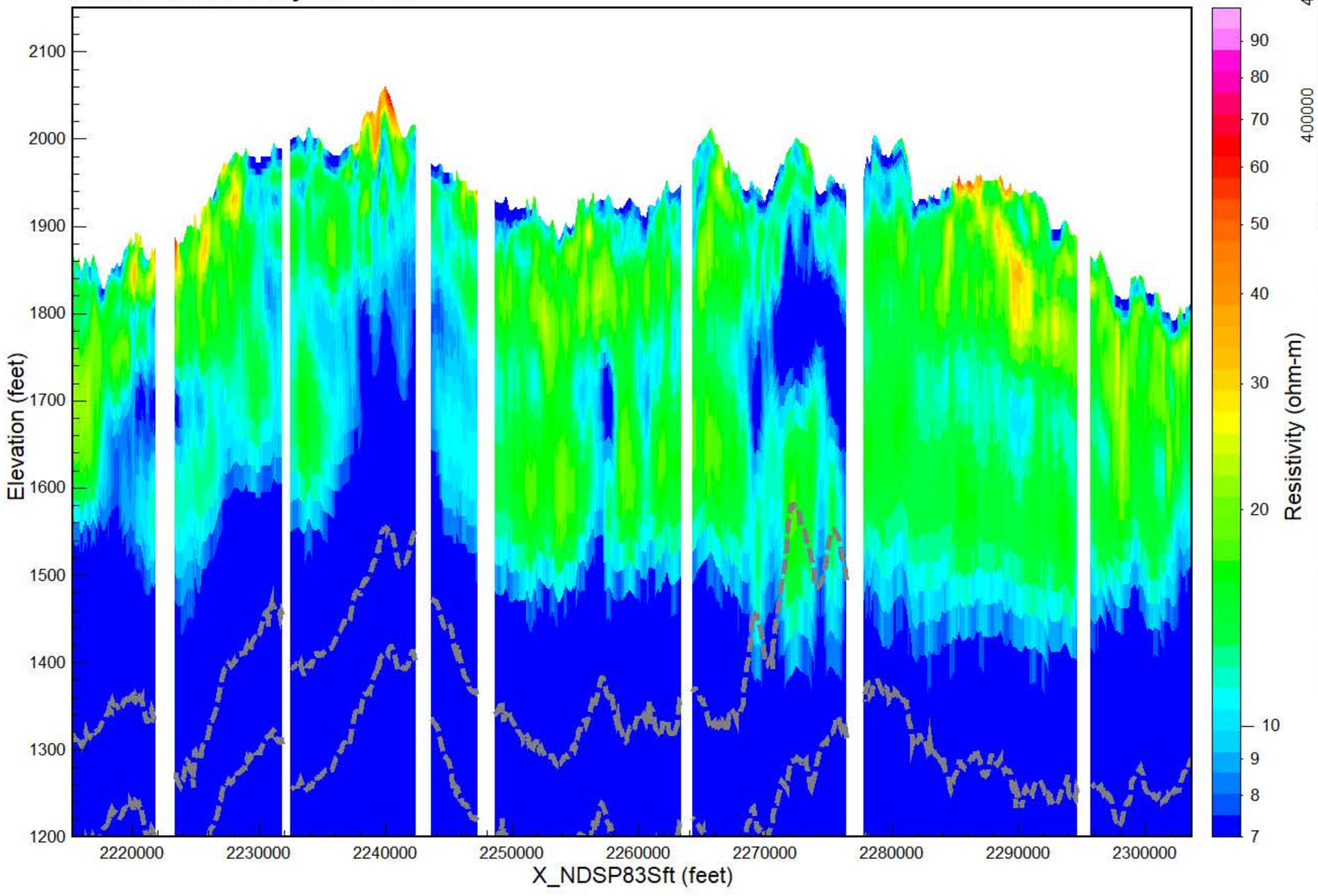
Flight Location Line L100902



AEM Survey Area 1



Final SCI Resistivity Line L100902



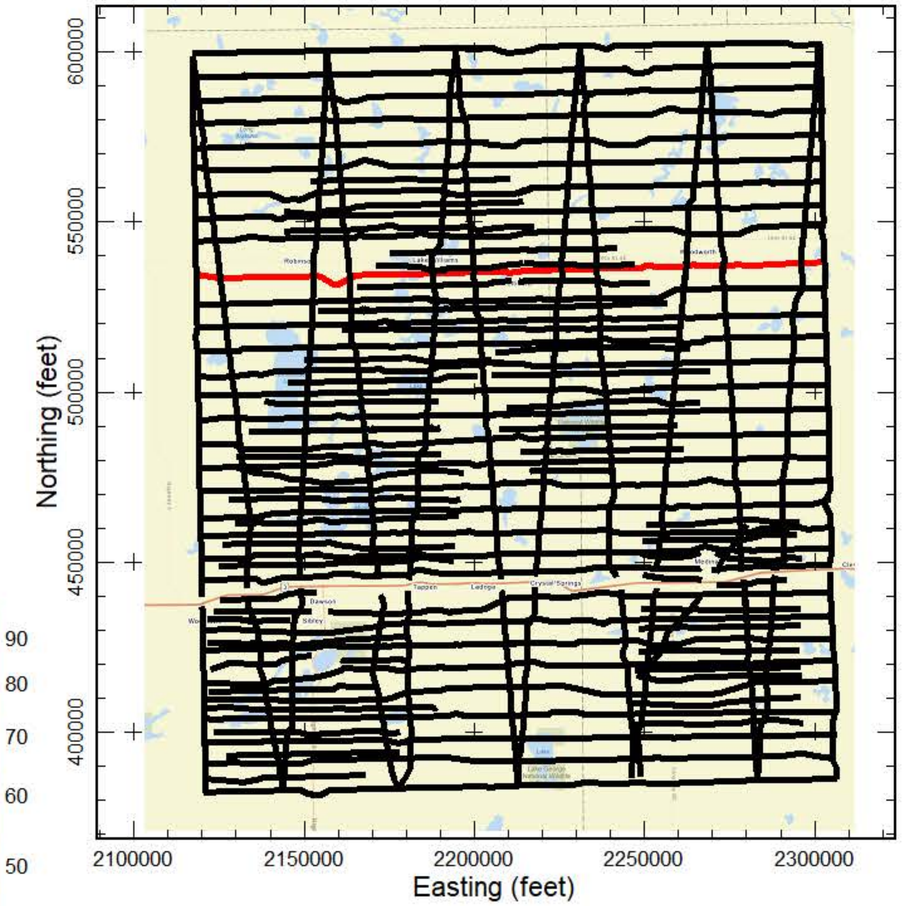
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

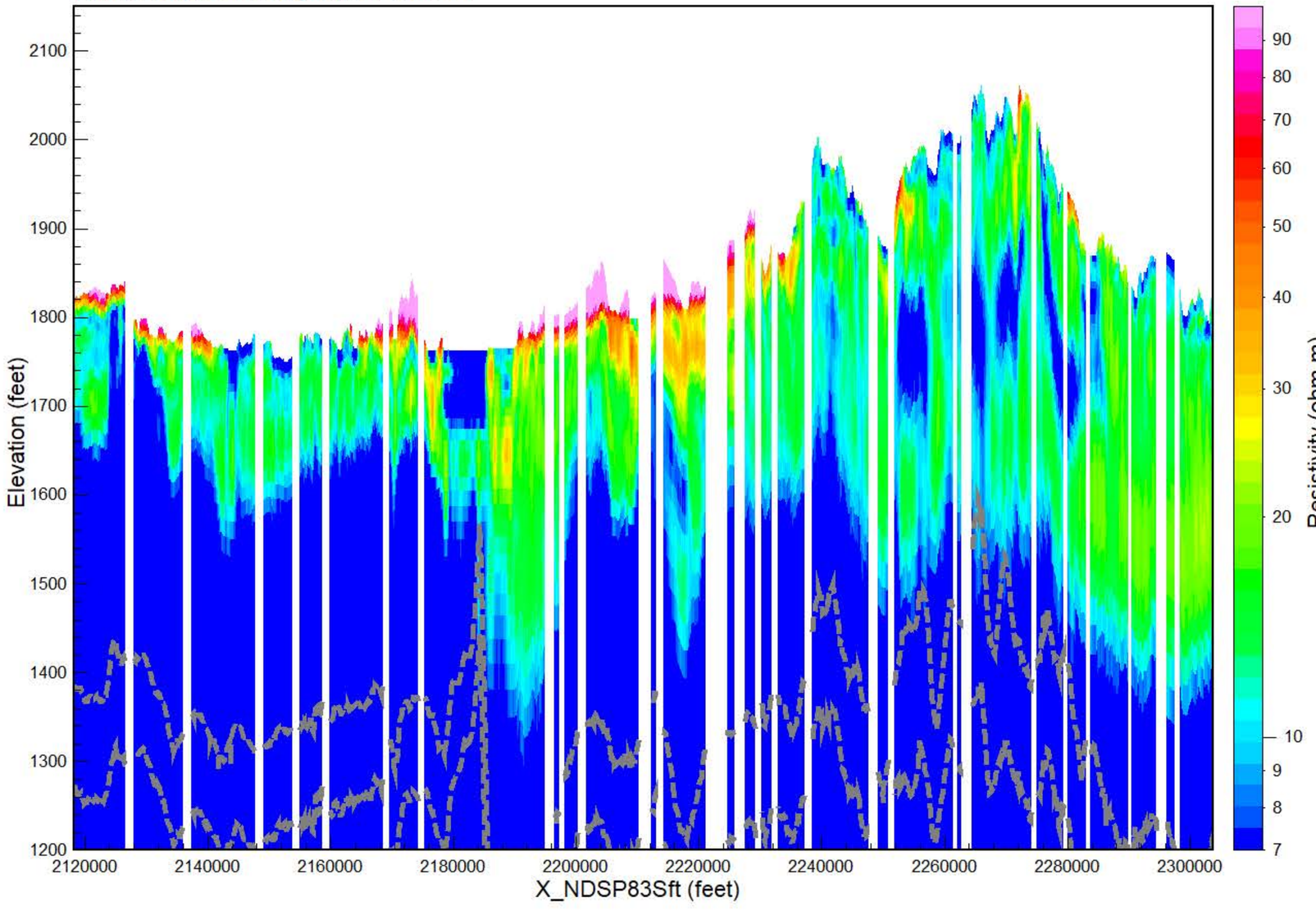
Flight Location Line L101001



AEM Survey Area 1



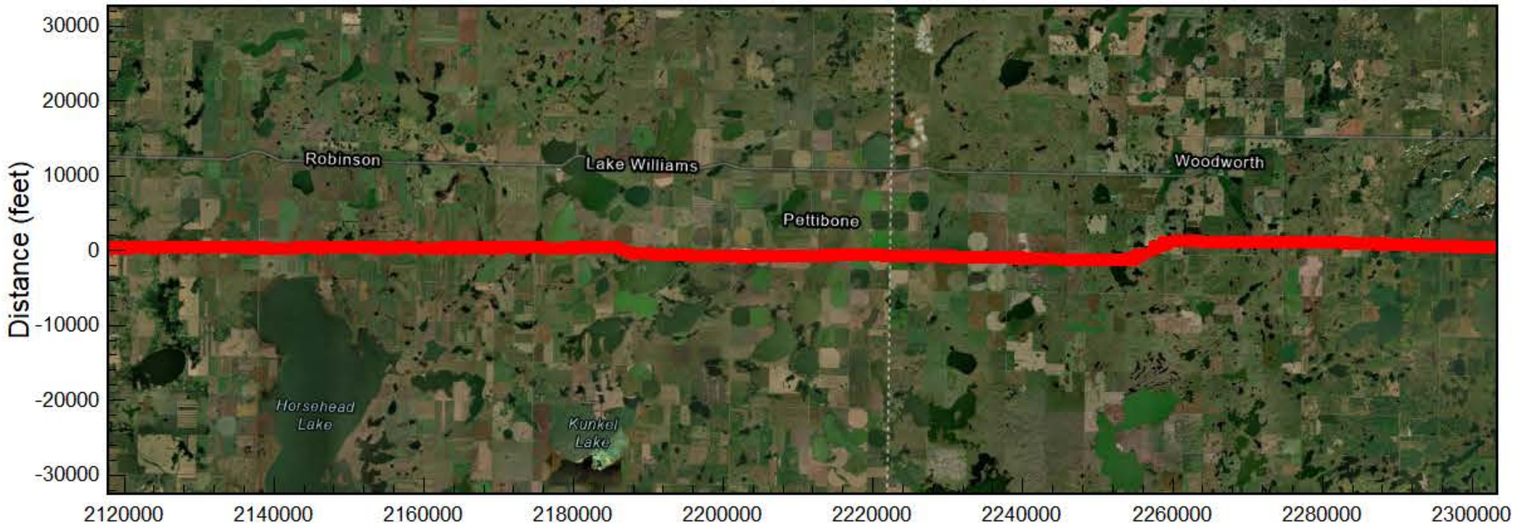
Final SCI Resistivity Line L101001



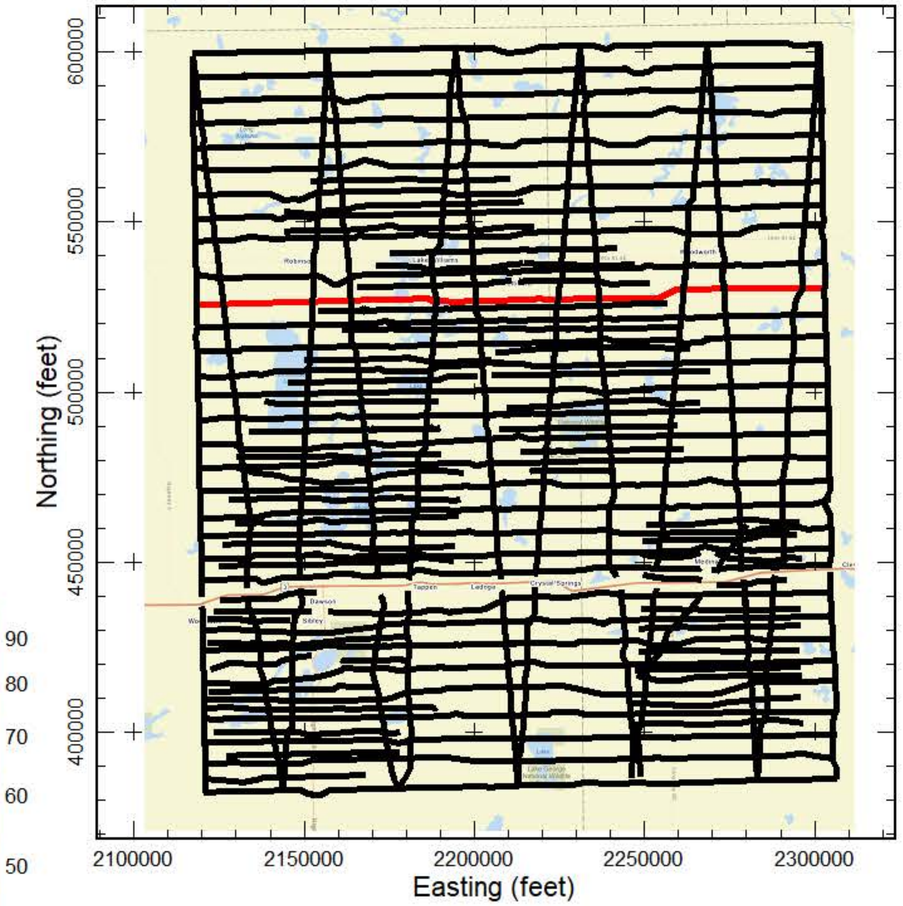
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

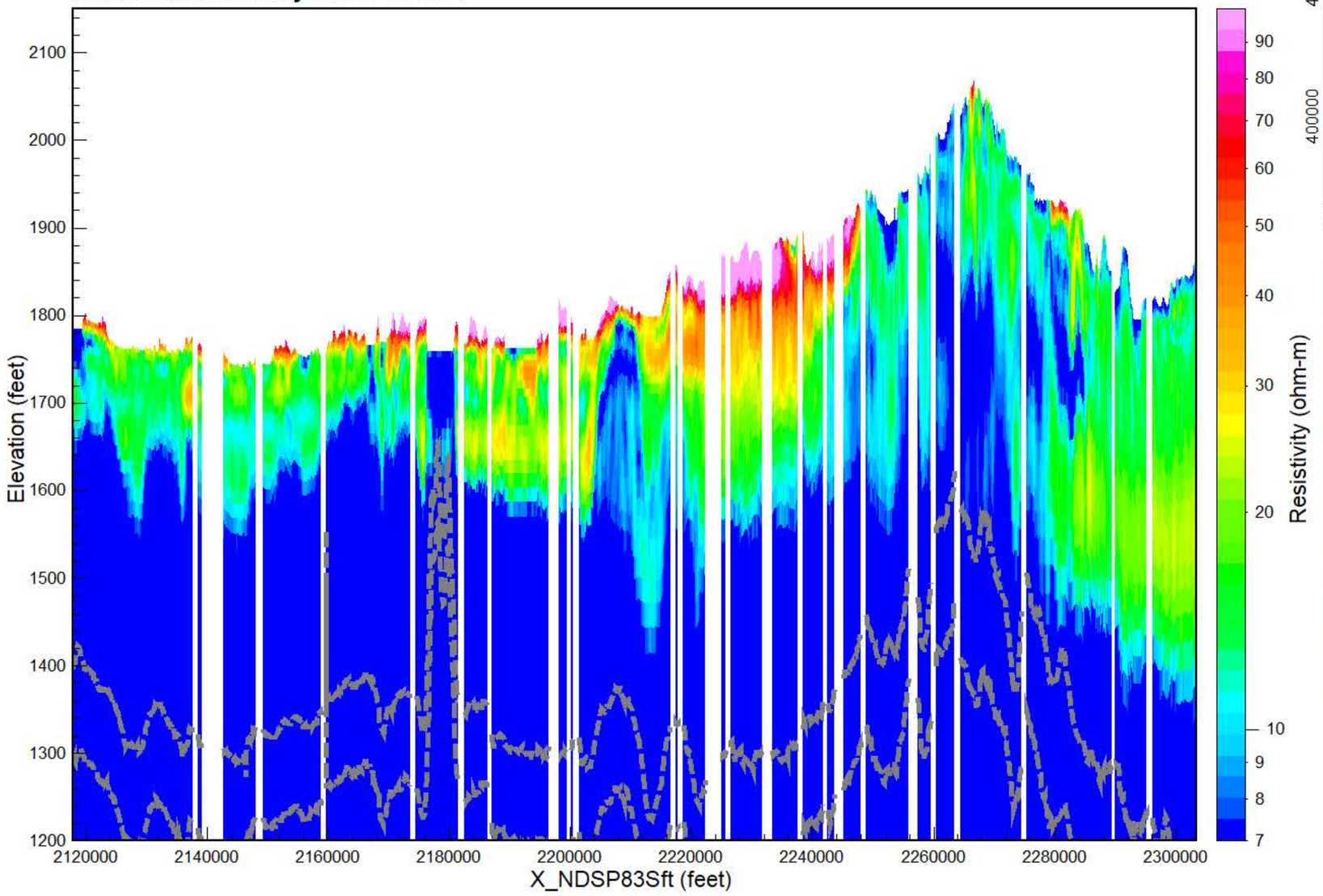
Flight Location Line L101101



AEM Survey Area 1



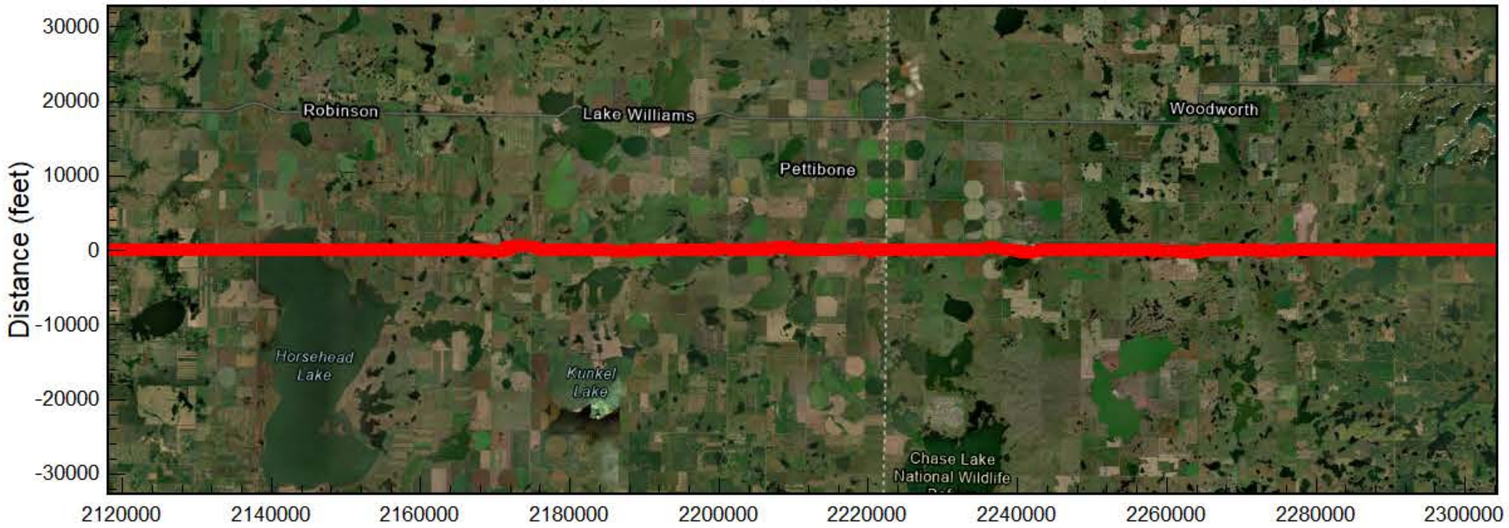
Final SCI Resistivity Line L101101



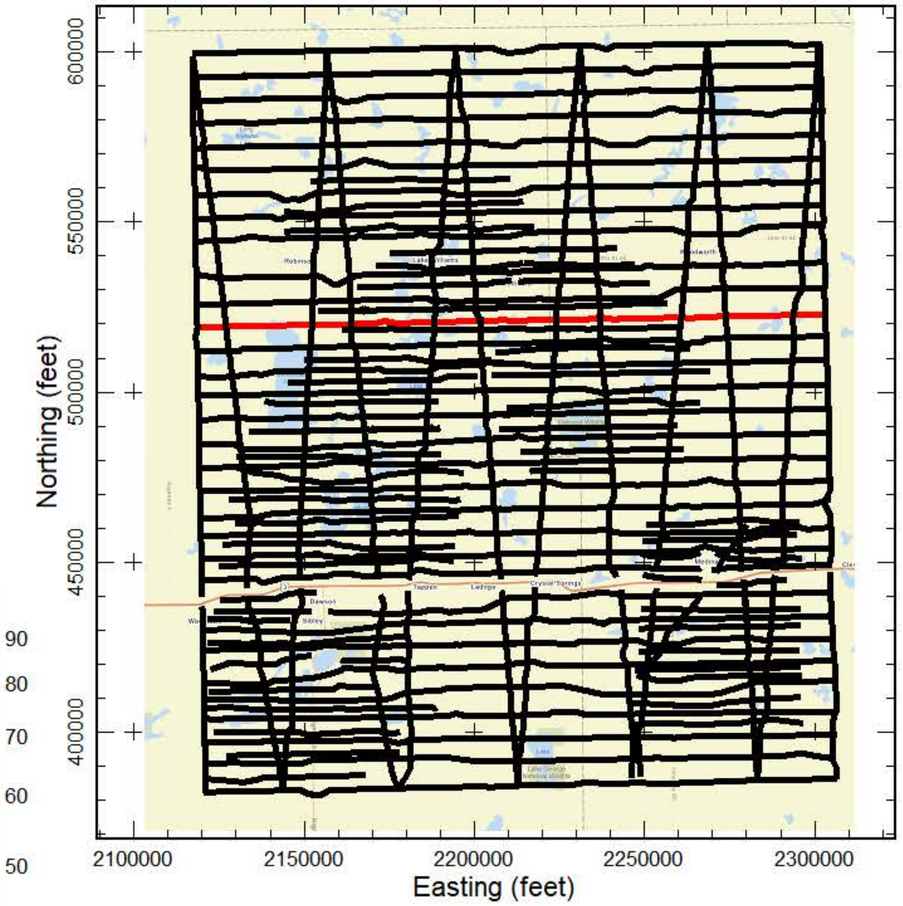
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

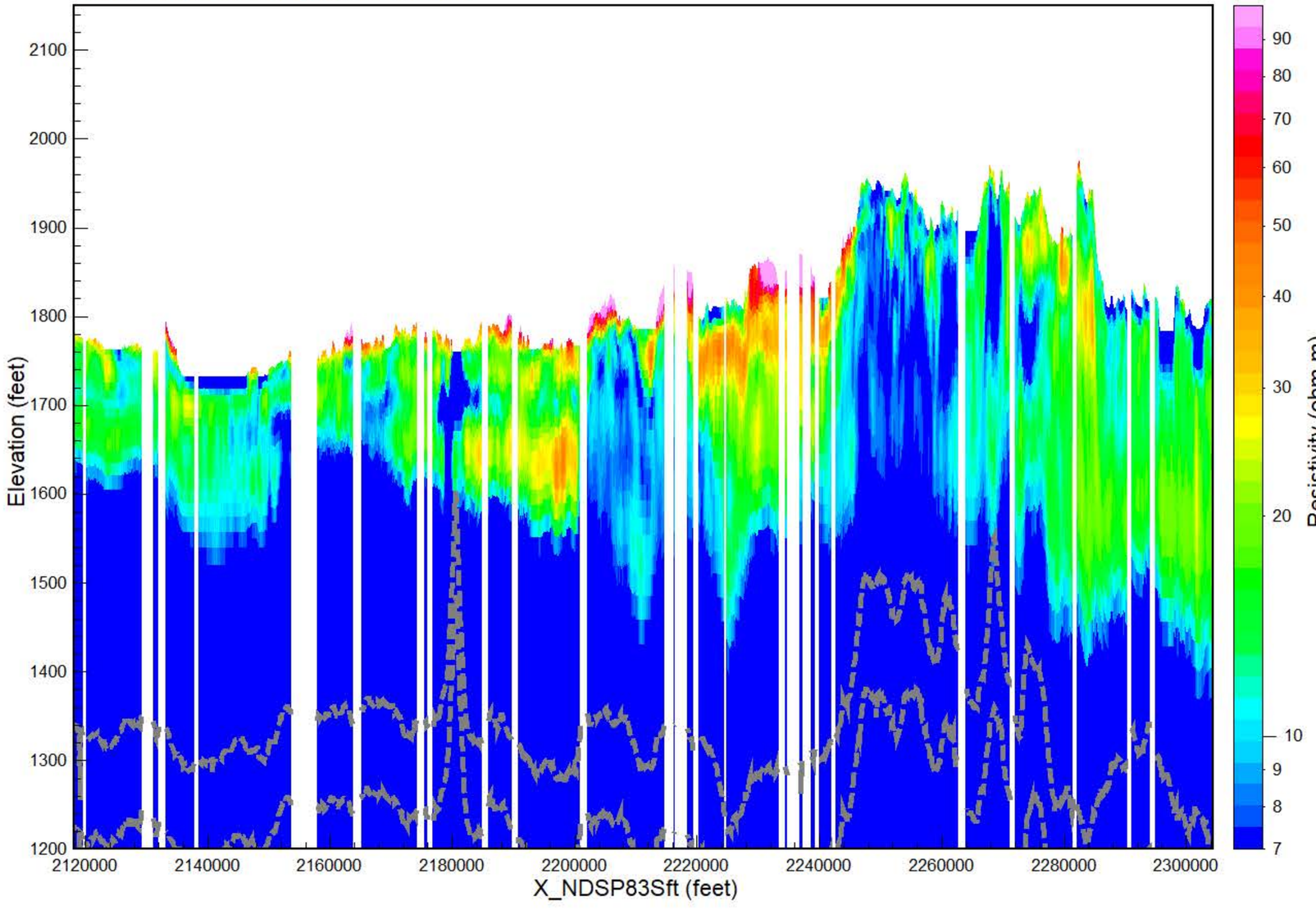
Flight Location Line L101201



AEM Survey Area 1



Final SCI Resistivity Line L101201



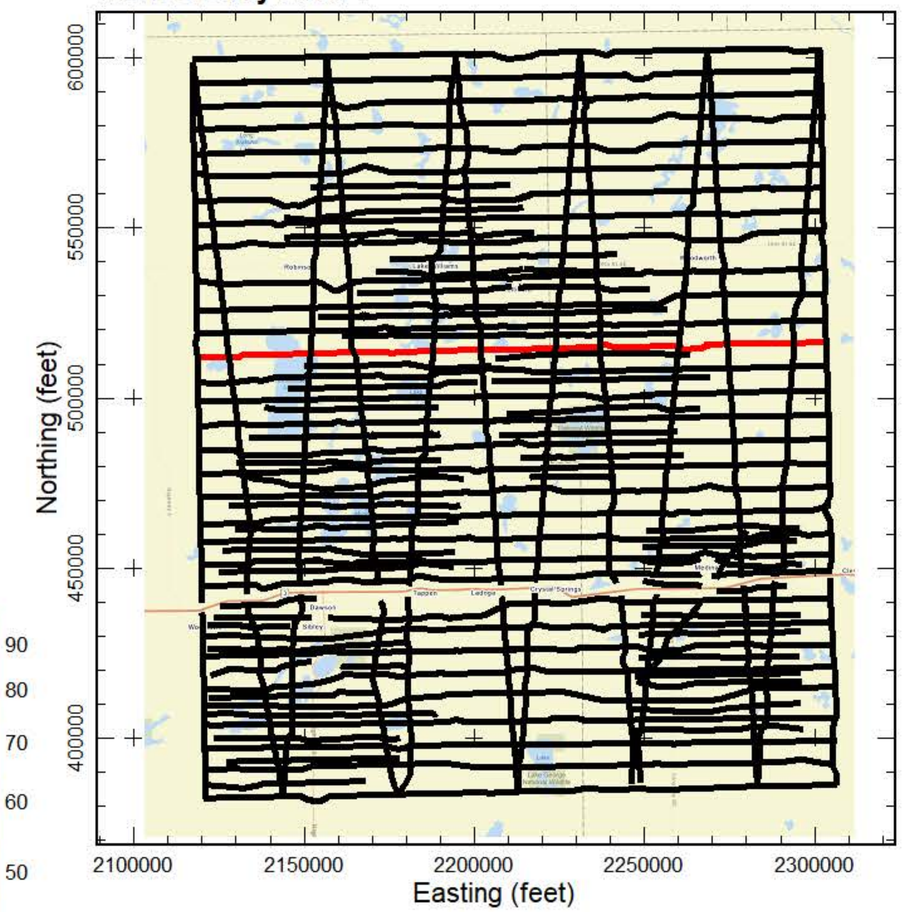
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

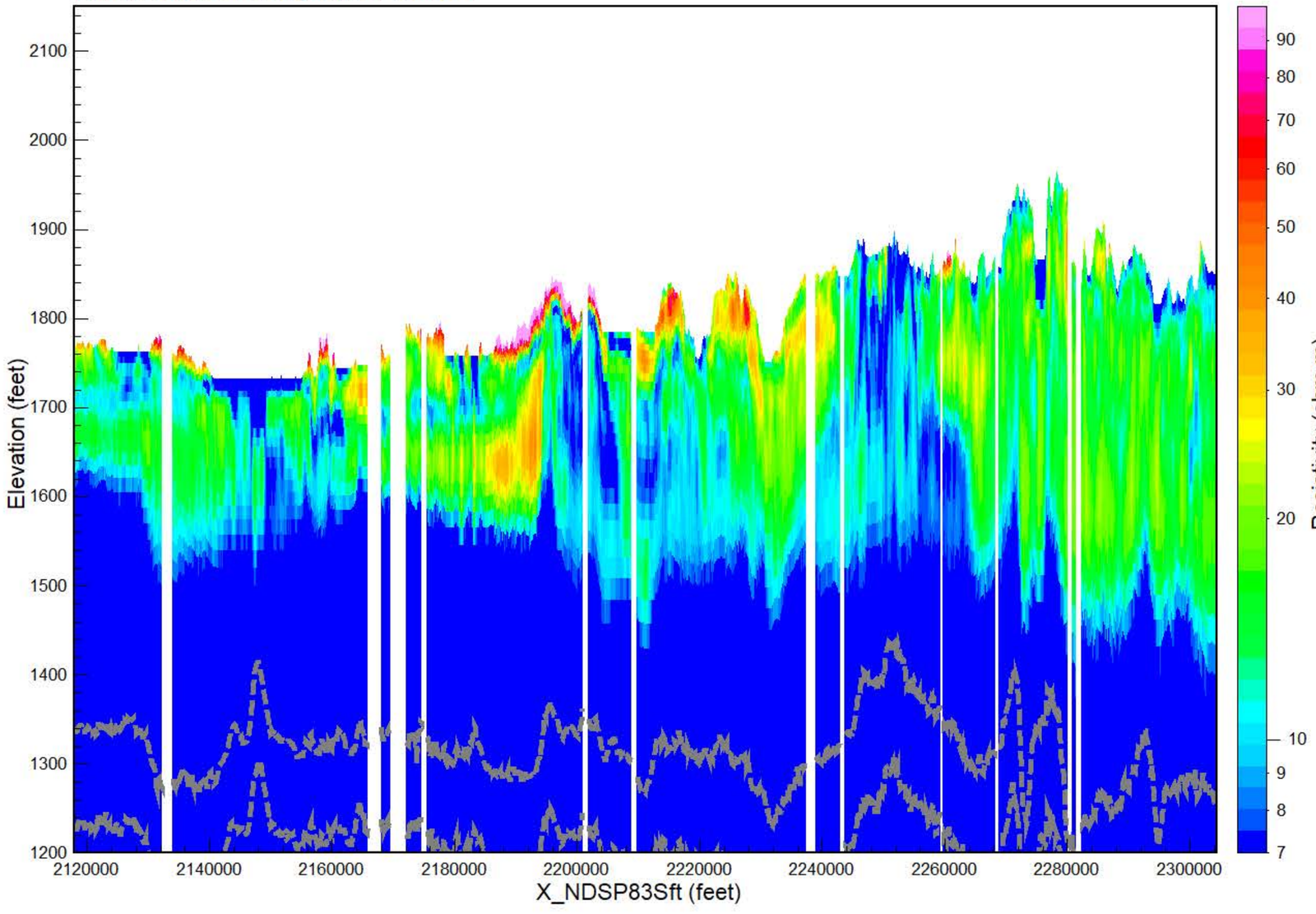
Flight Location Line L101301



AEM Survey Area 1



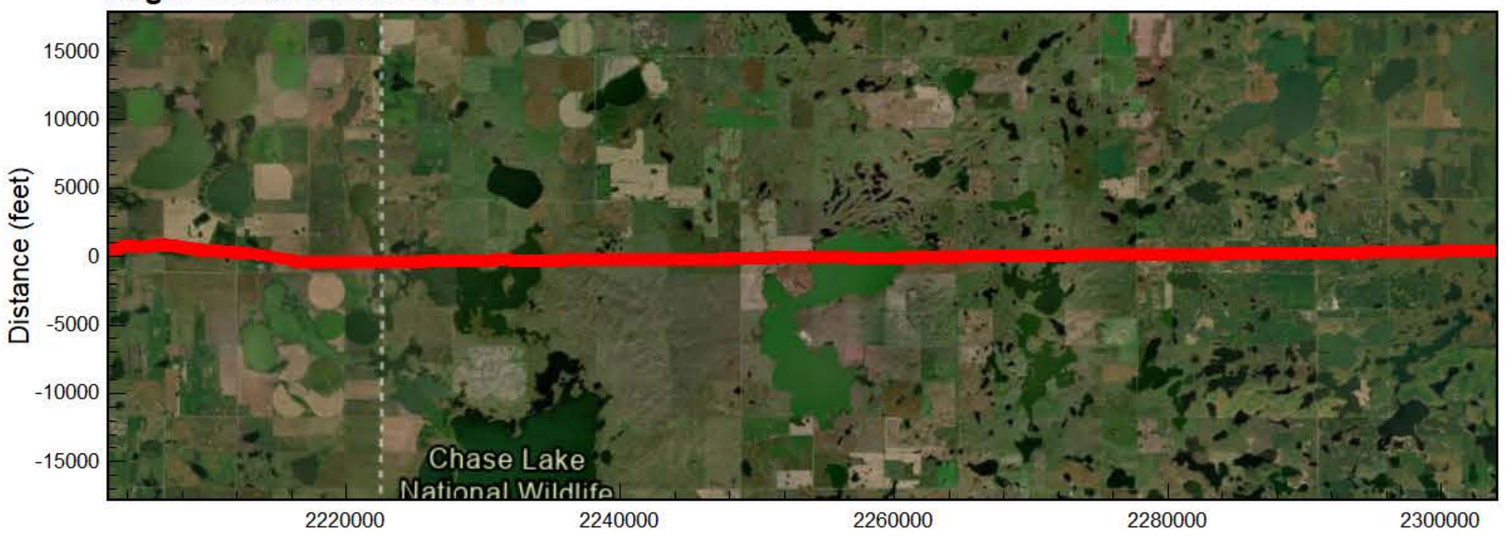
Final SCI Resistivity Line L101301



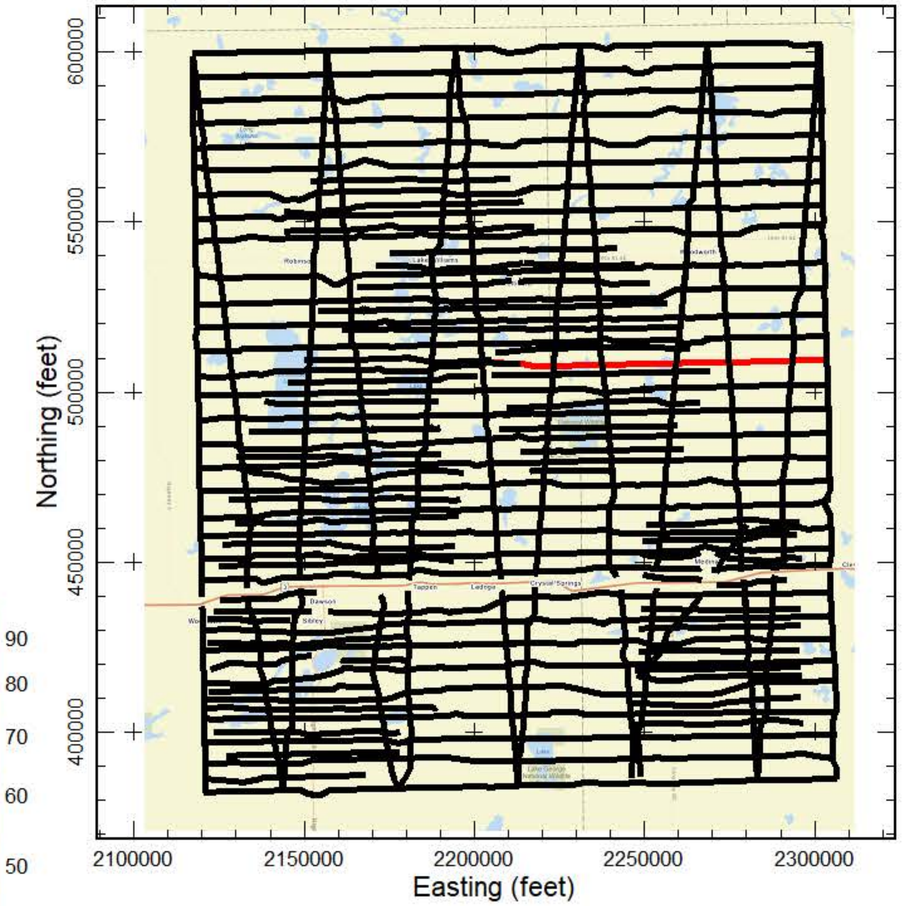
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

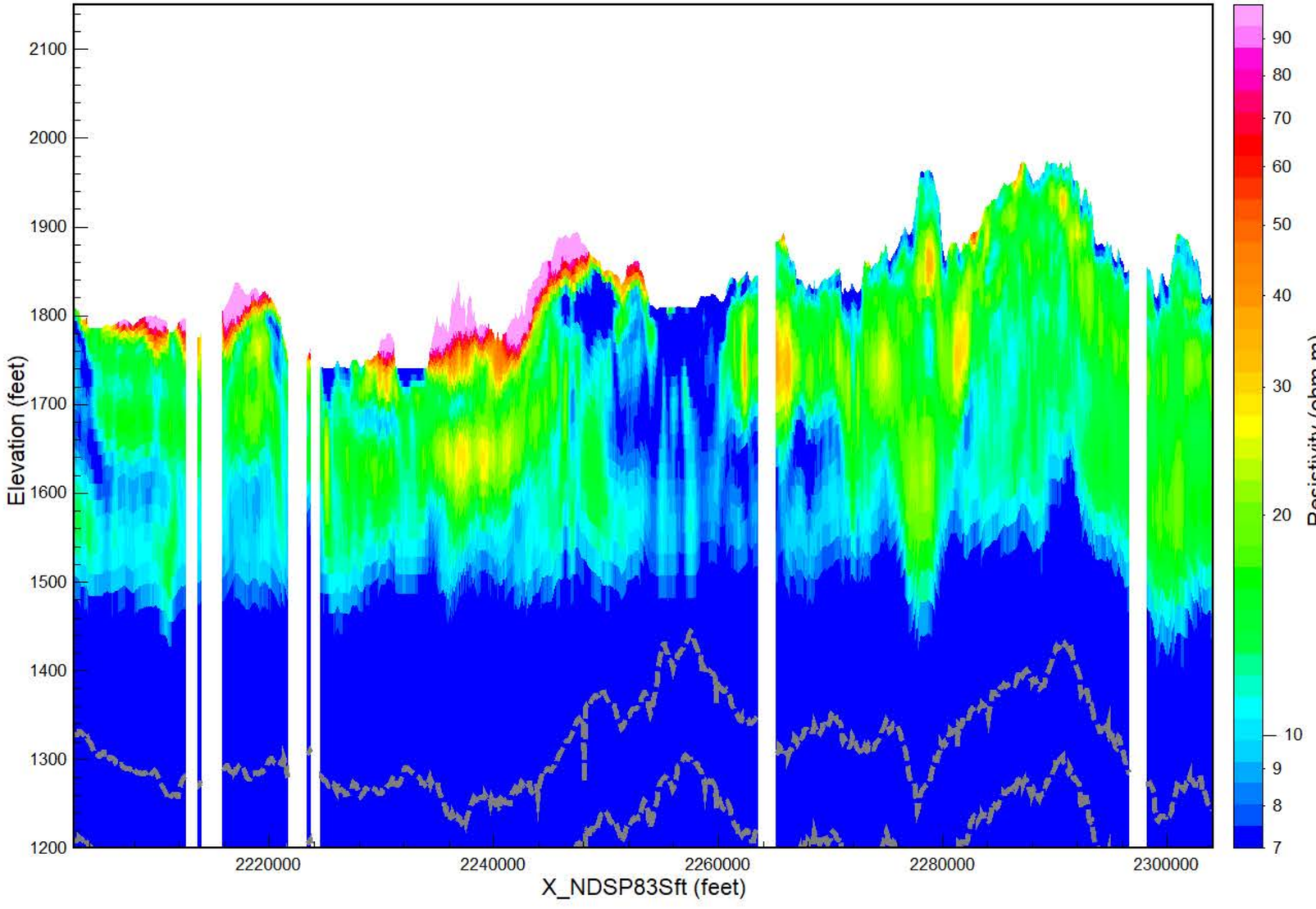
Flight Location Line L101401



AEM Survey Area 1



Final SCI Resistivity Line L101401



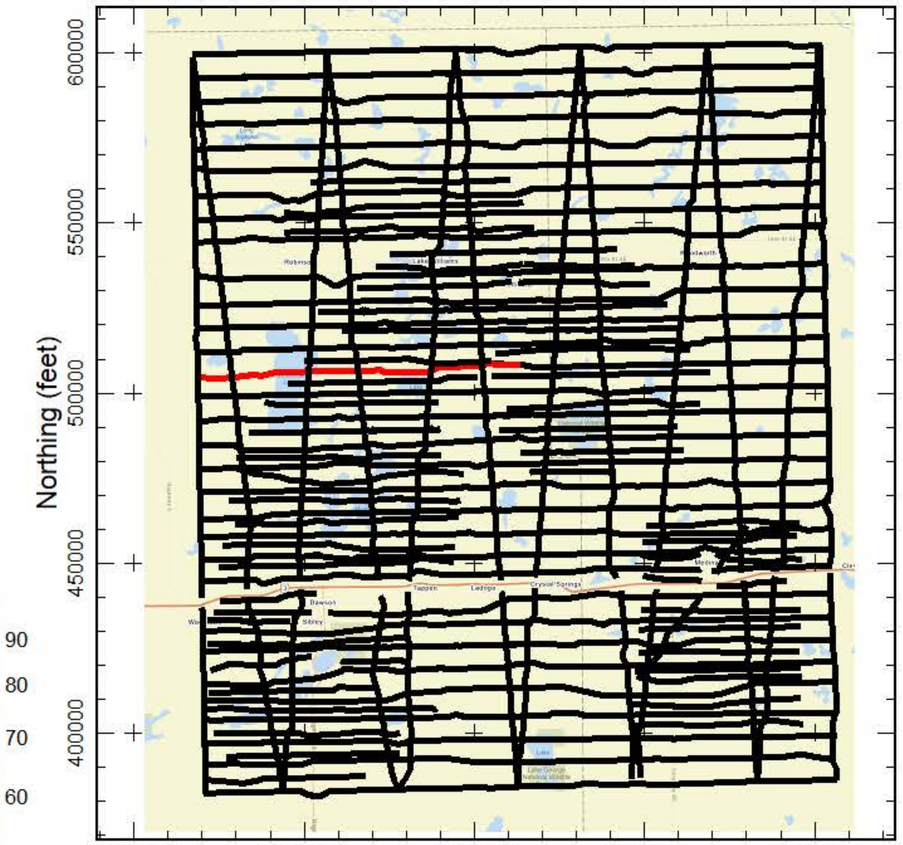
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

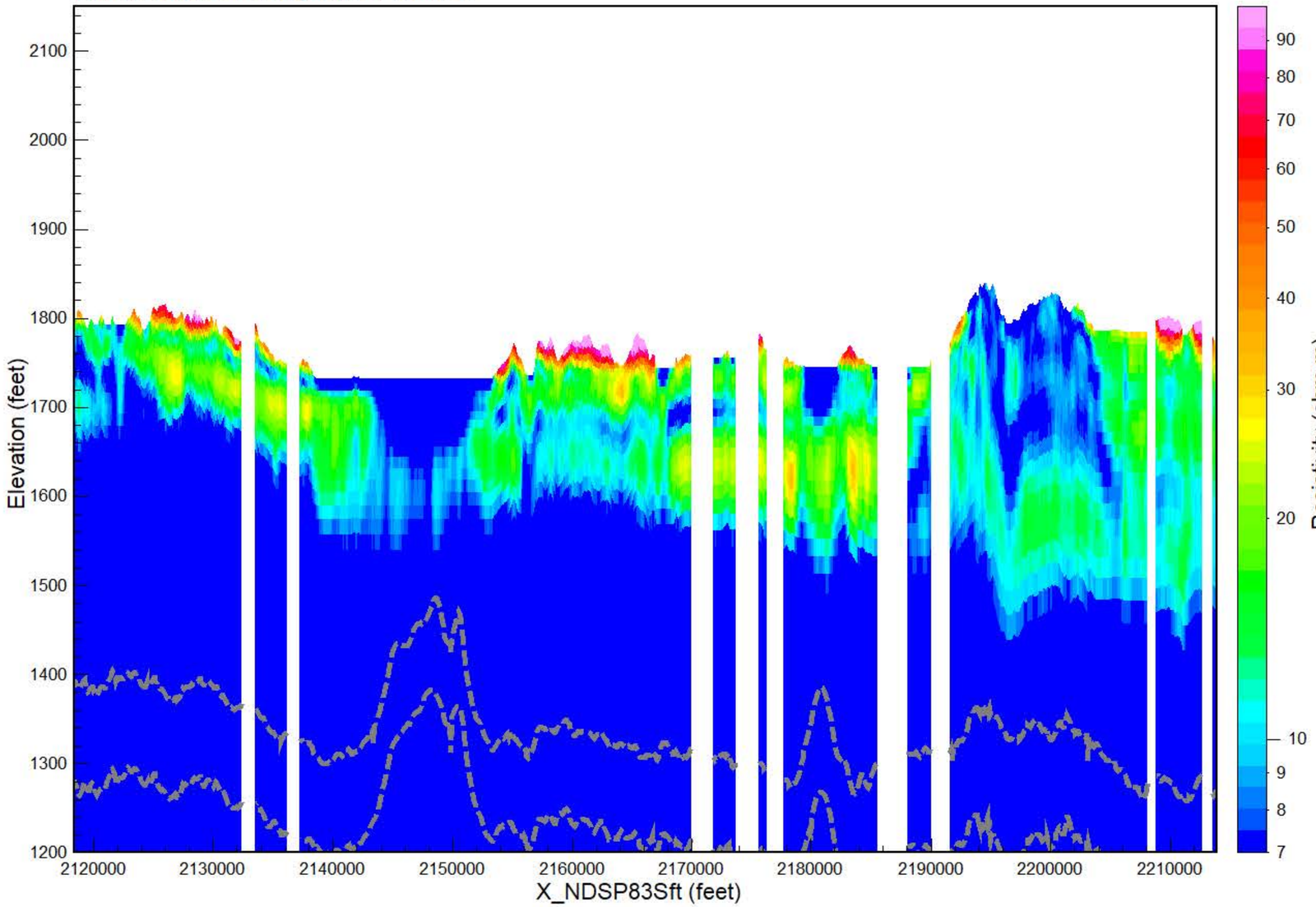
Flight Location Line L101402



AEM Survey Area 1



Final SCI Resistivity Line L101402



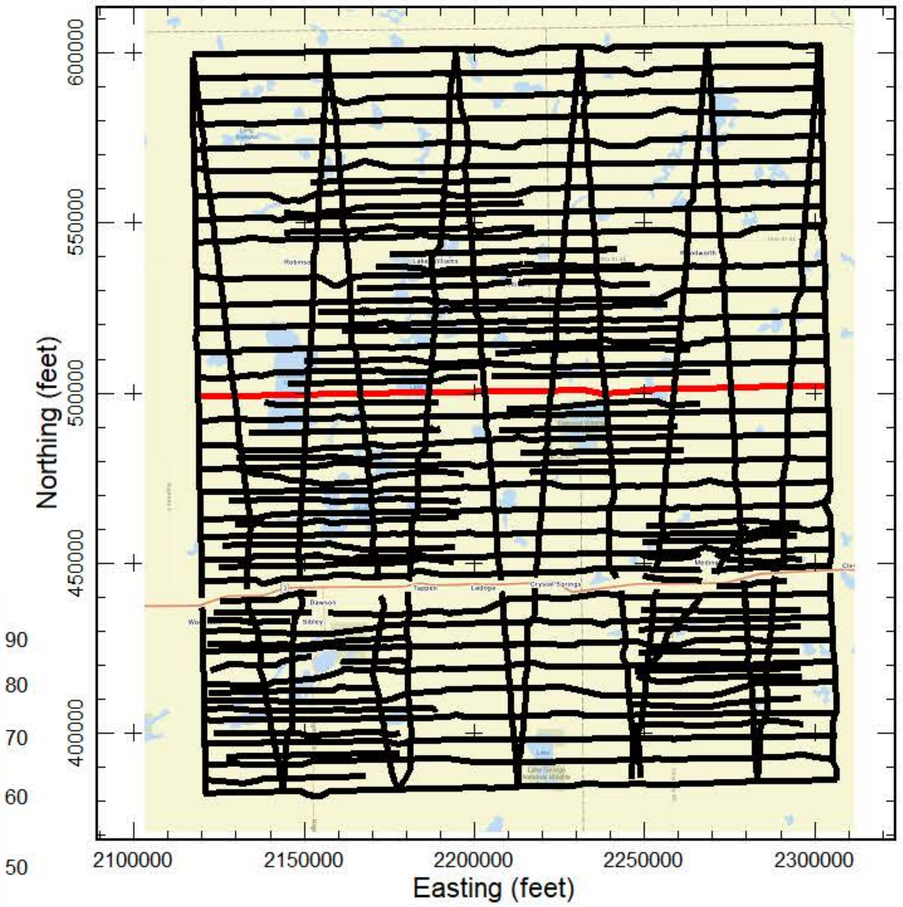
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

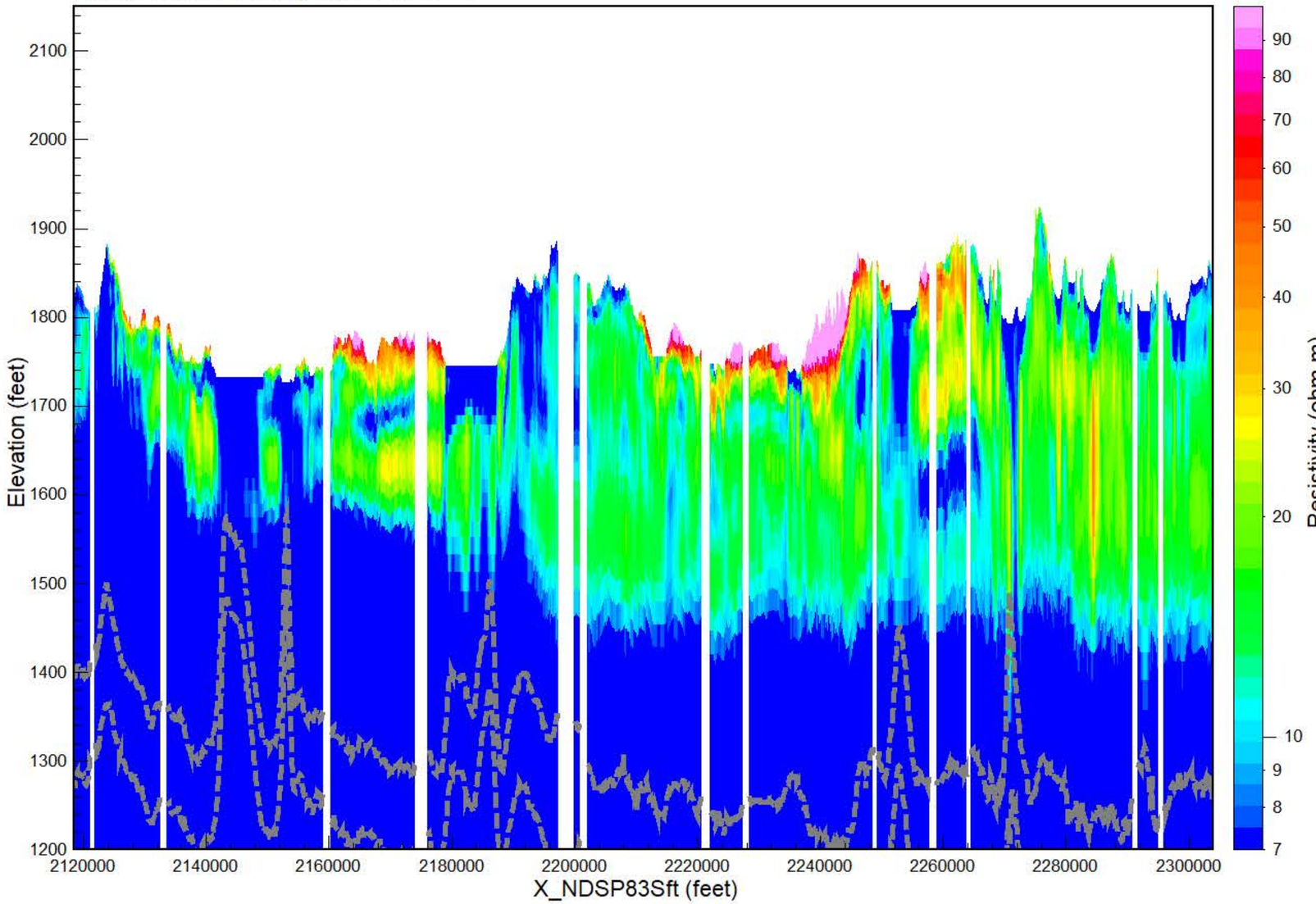
Flight Location Line L101501



AEM Survey Area 1



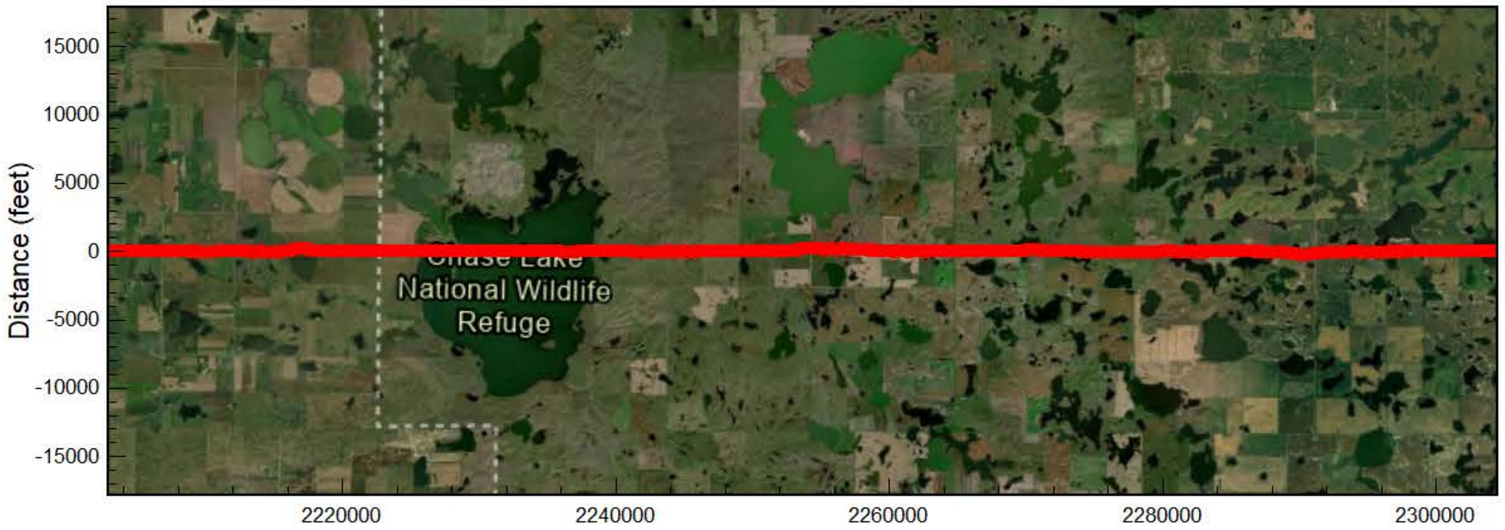
Final SCI Resistivity Line L101501



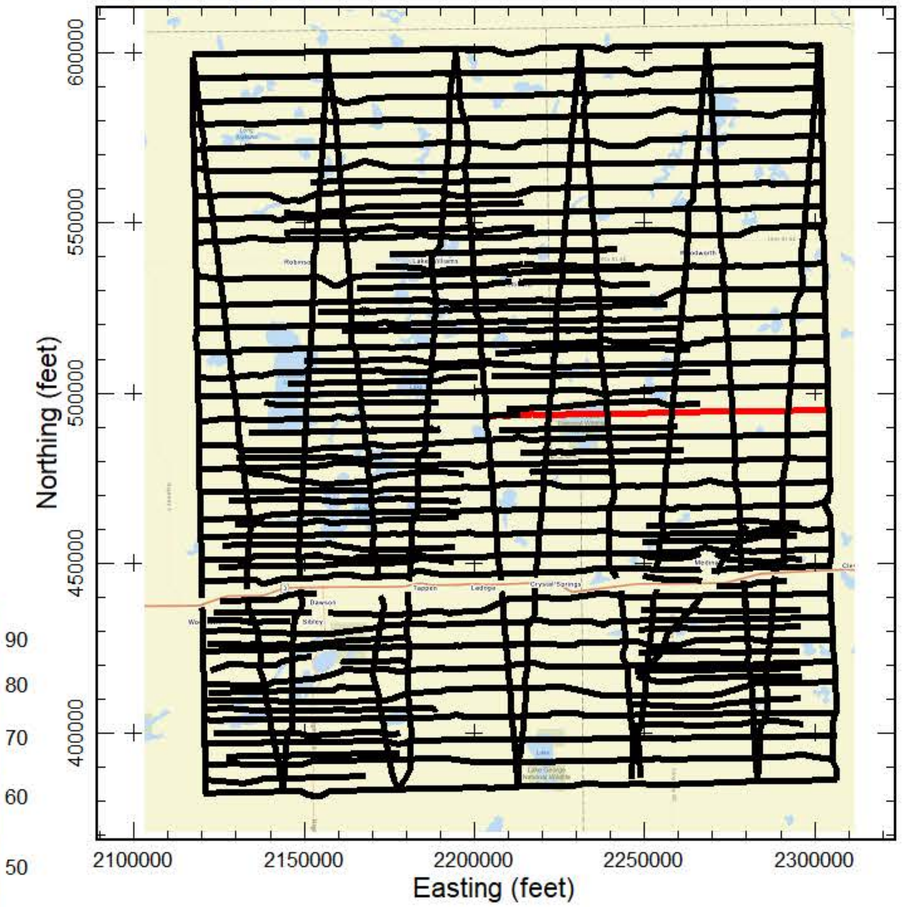
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

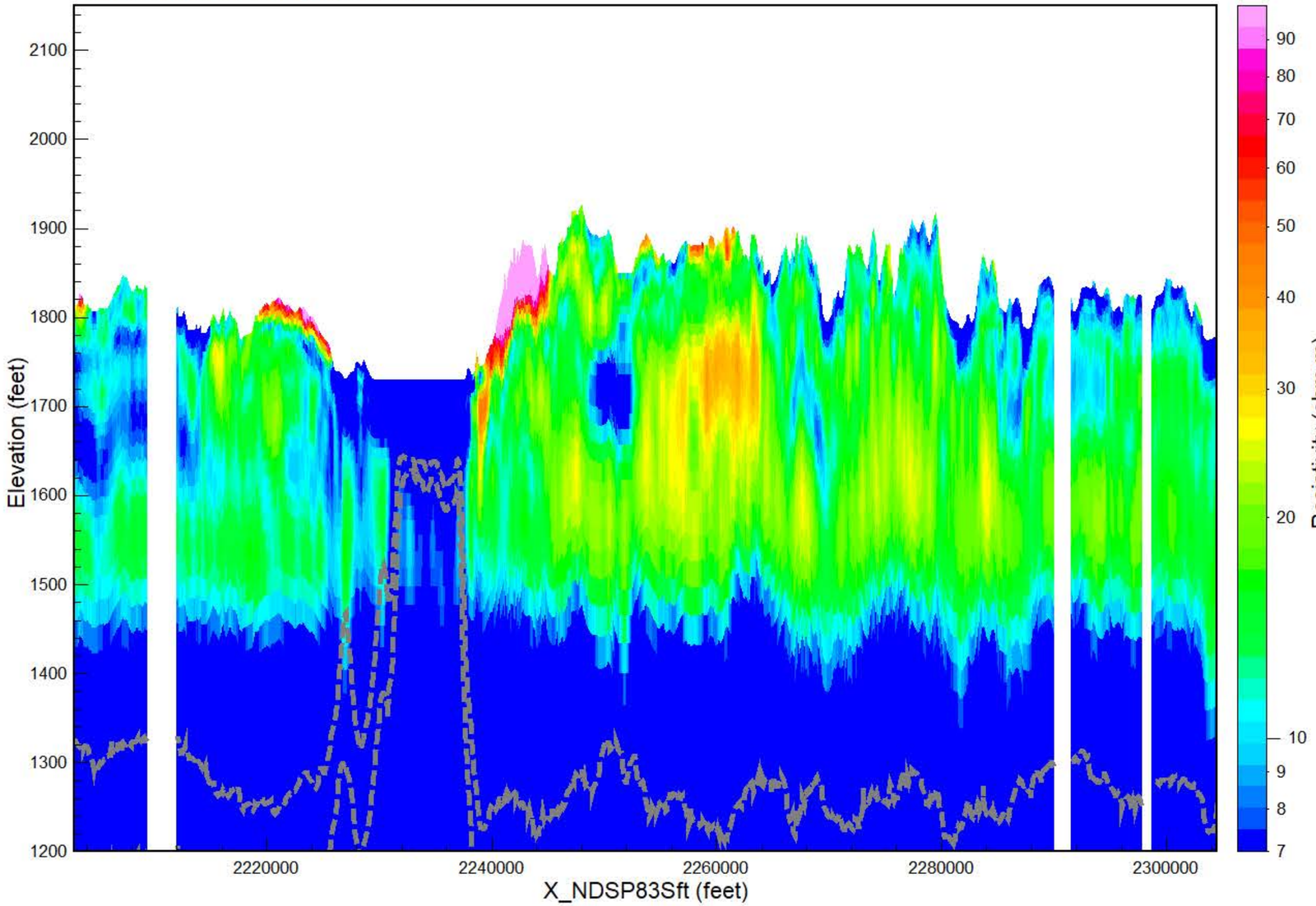
Flight Location Line L101601



AEM Survey Area 1



Final SCI Resistivity Line L101601



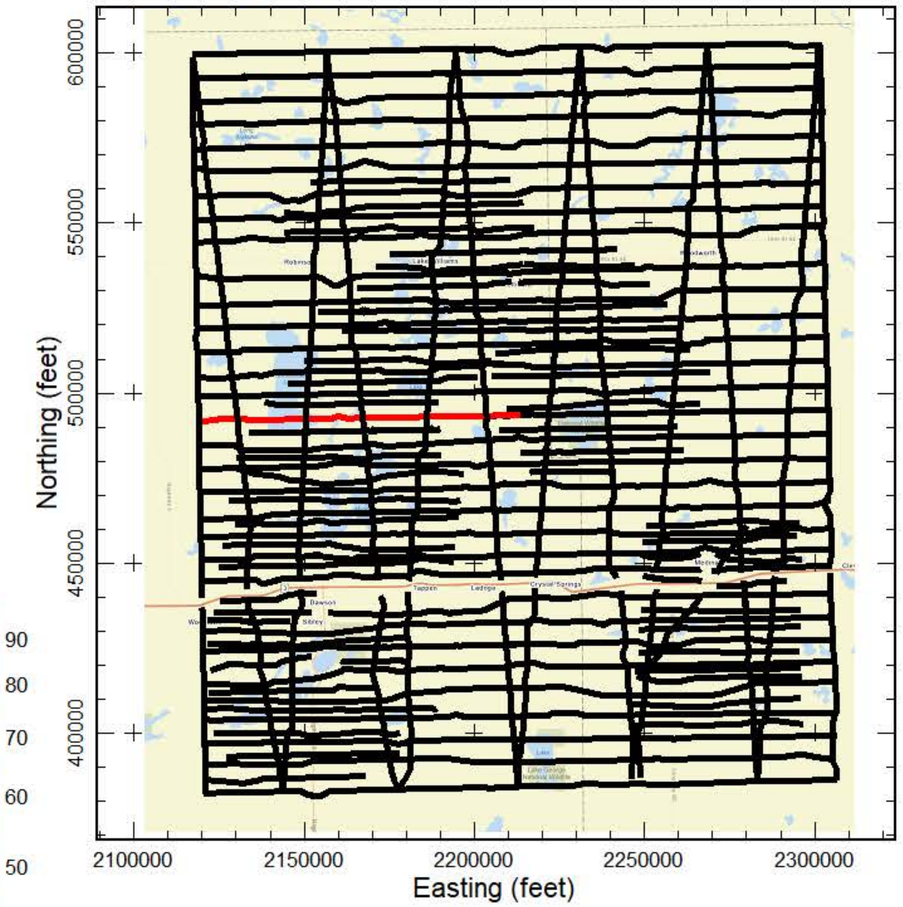
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

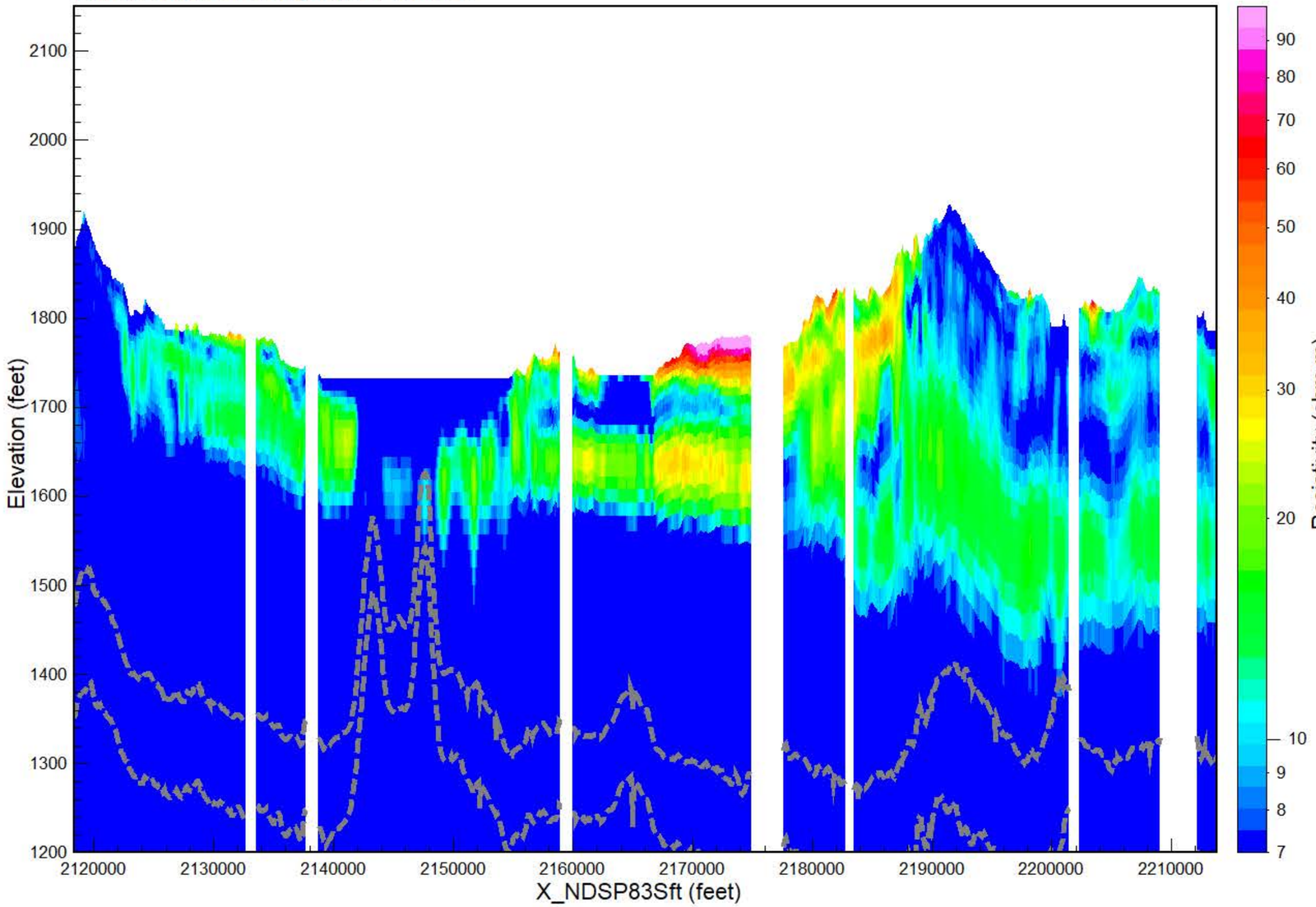
Flight Location Line L101602



AEM Survey Area 1



Final SCI Resistivity Line L101602



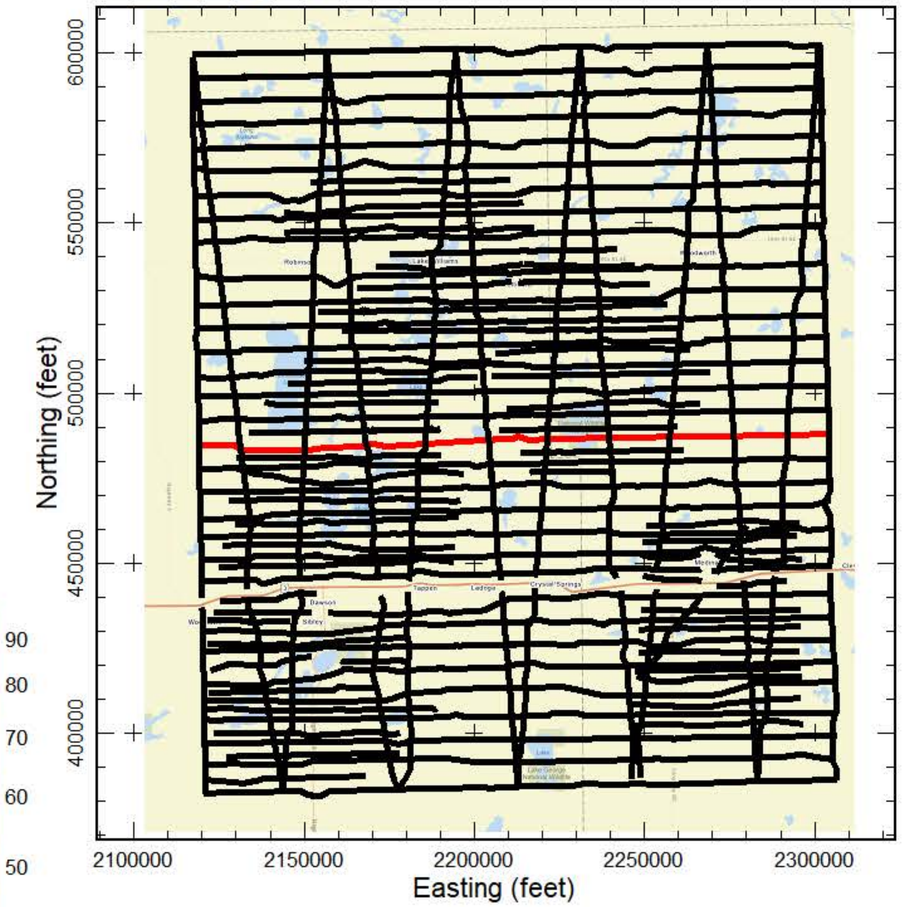
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

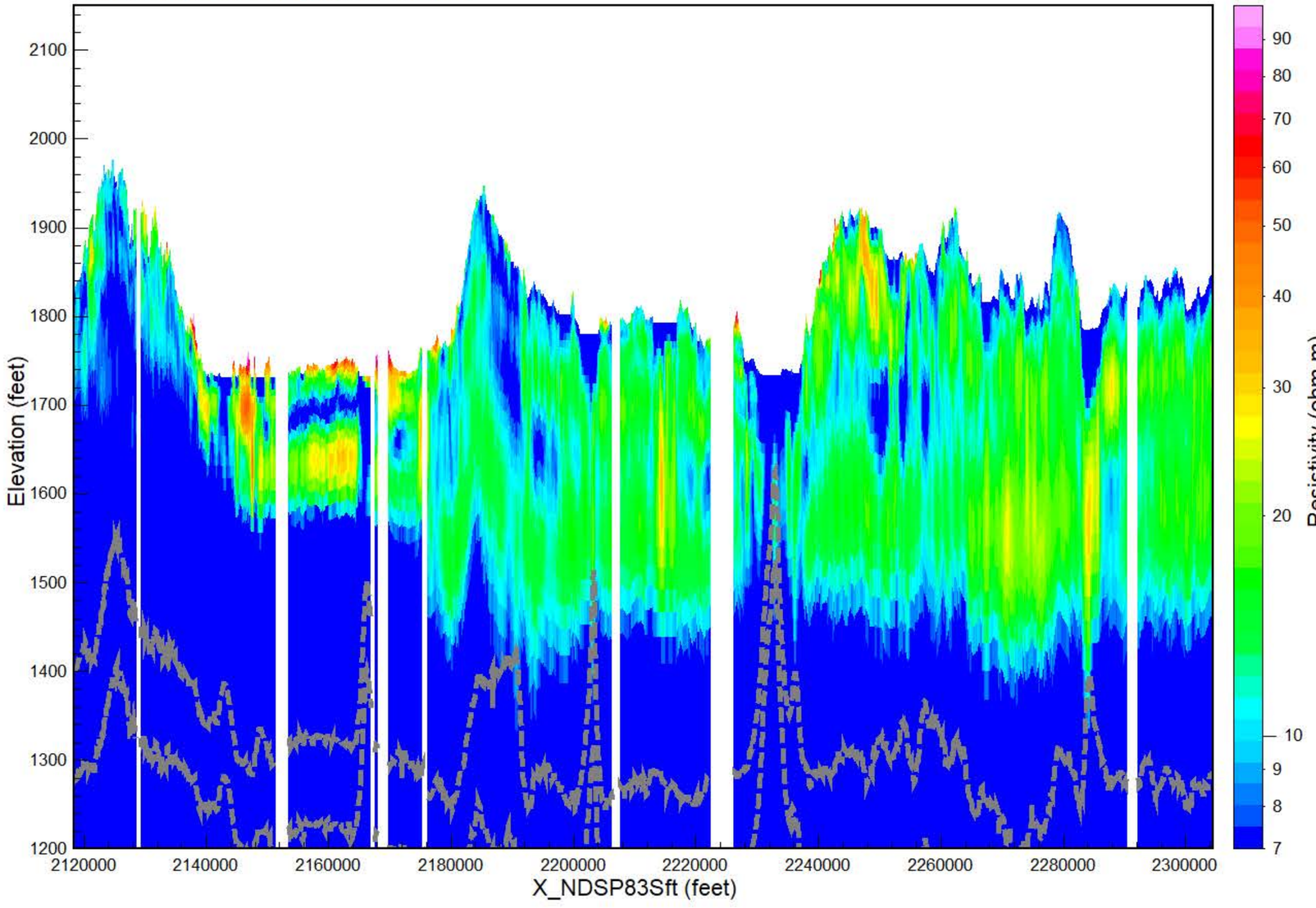
Flight Location Line L101701



AEM Survey Area 1



Final SCI Resistivity Line L101701



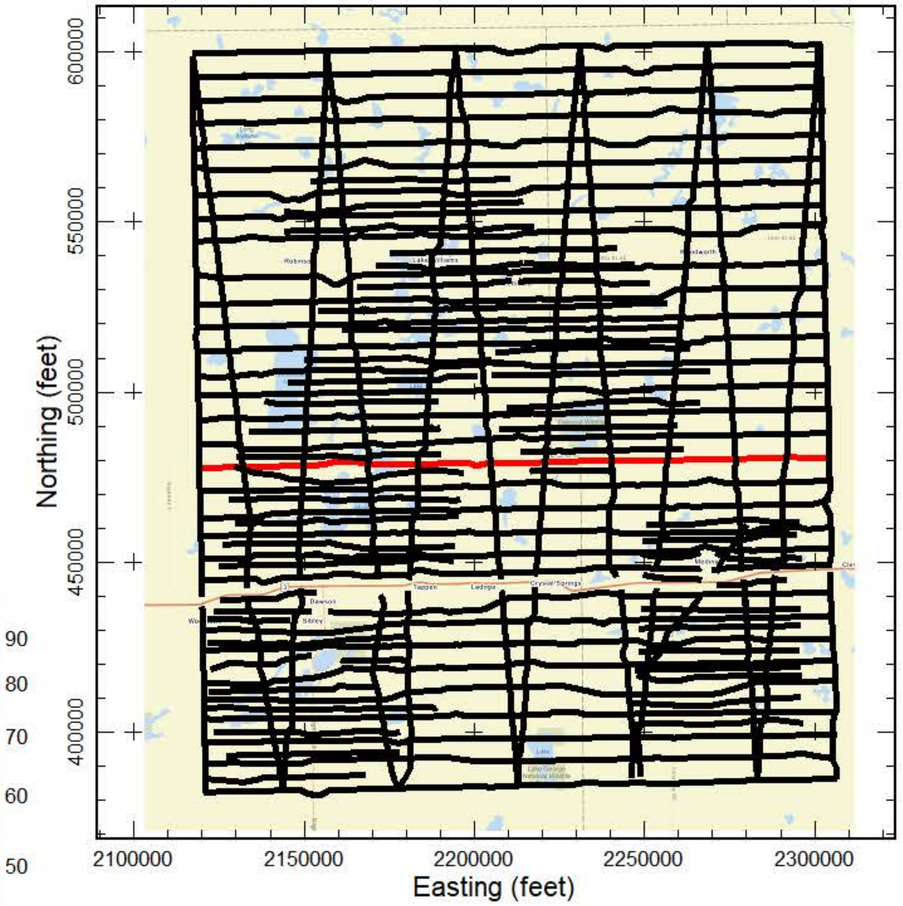
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

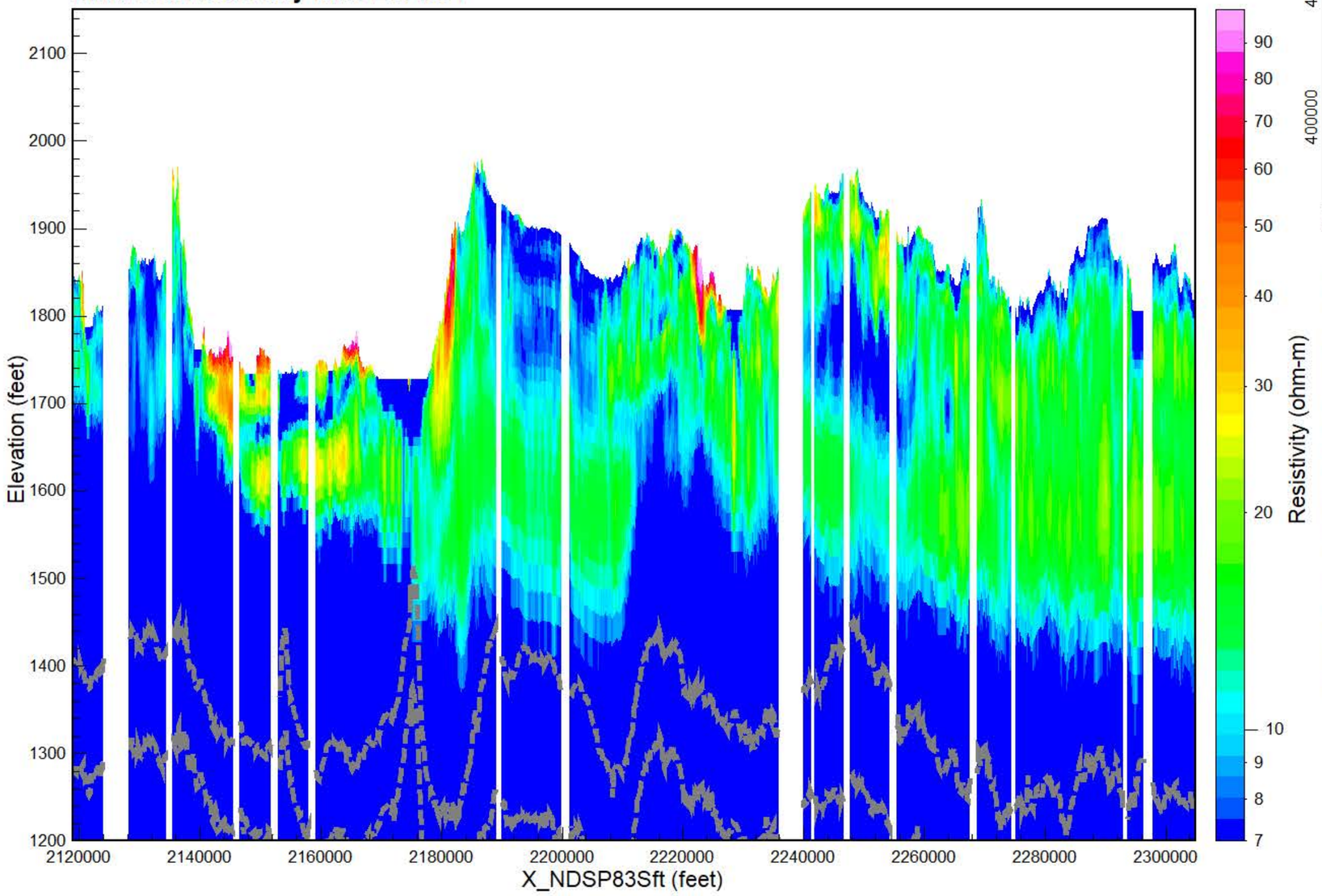
Flight Location Line L101801



AEM Survey Area 1



Final SCI Resistivity Line L101801



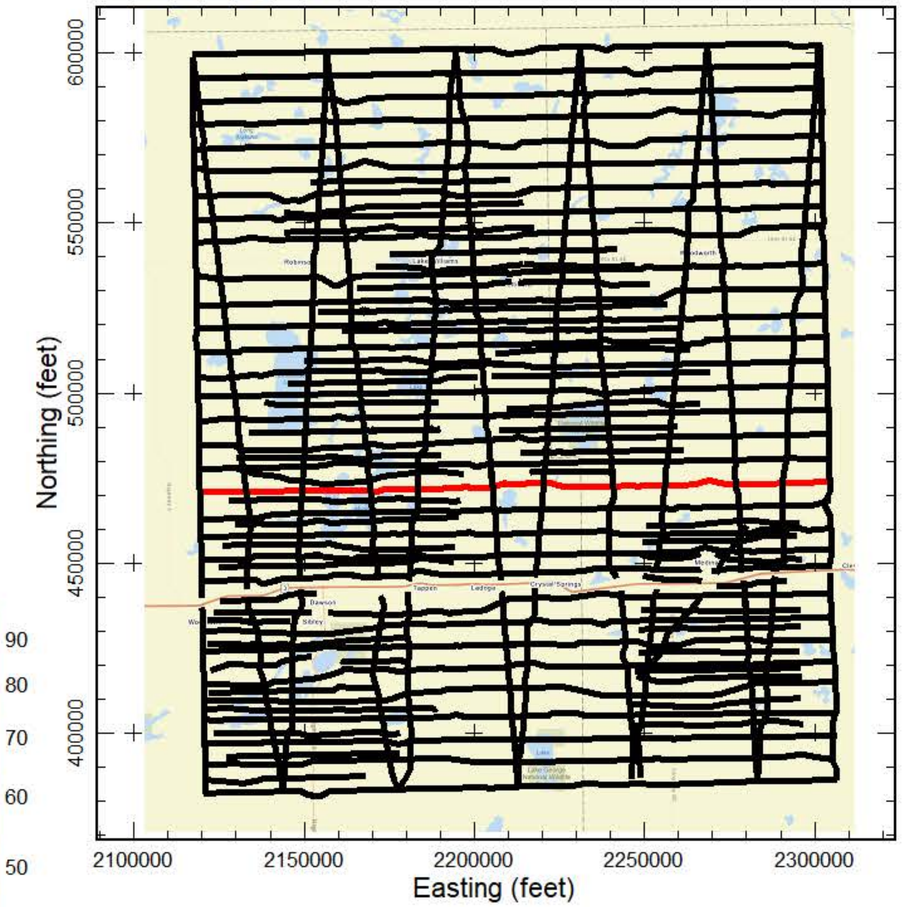
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

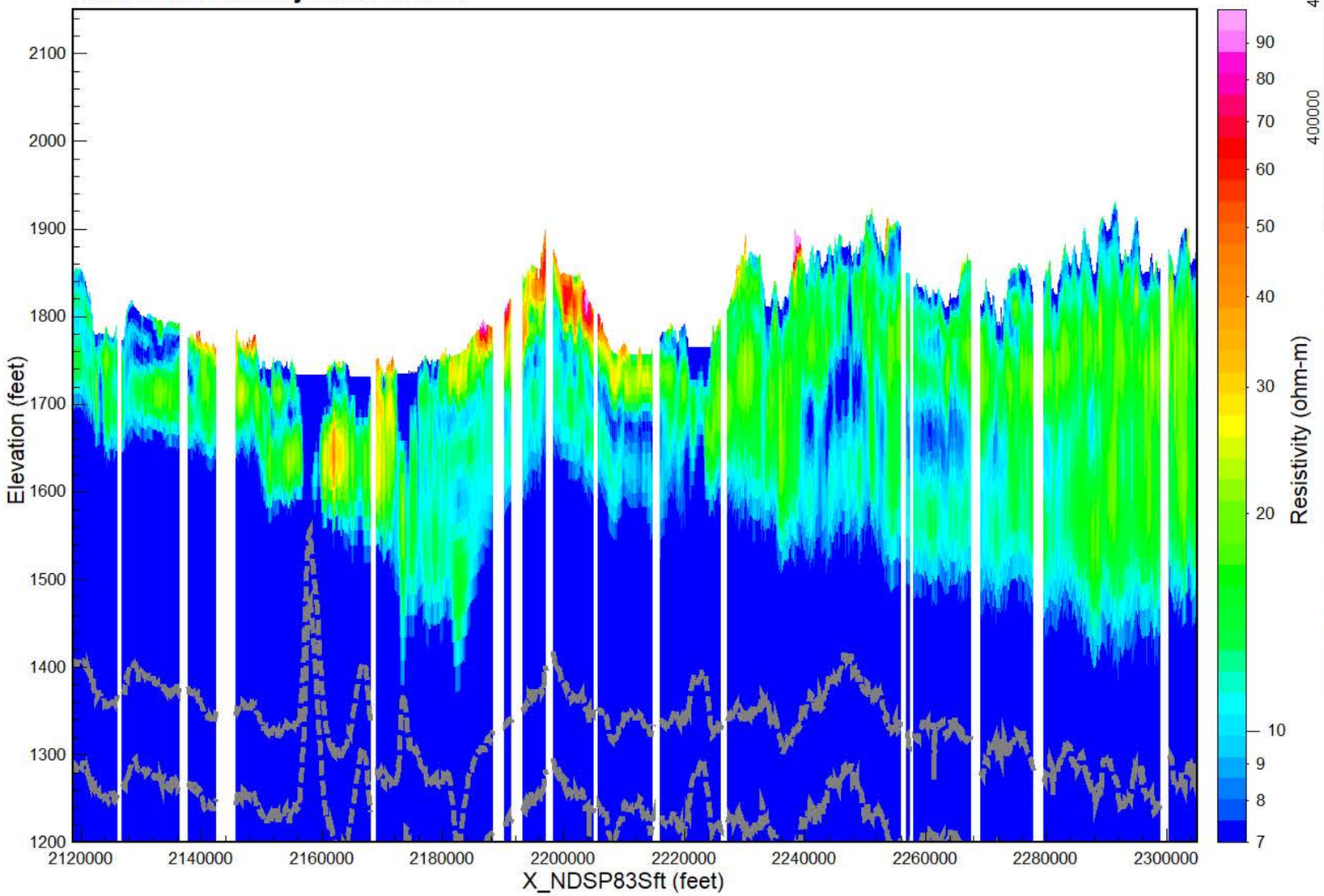
Flight Location Line L101901



AEM Survey Area 1



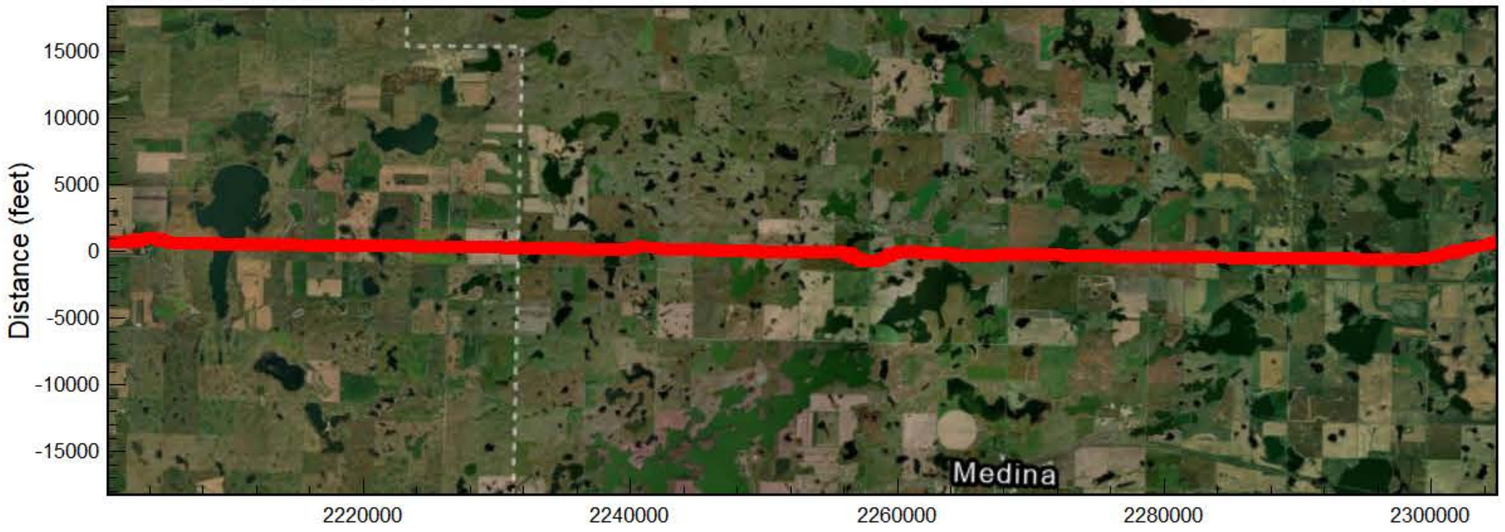
Final SCI Resistivity Line L101901



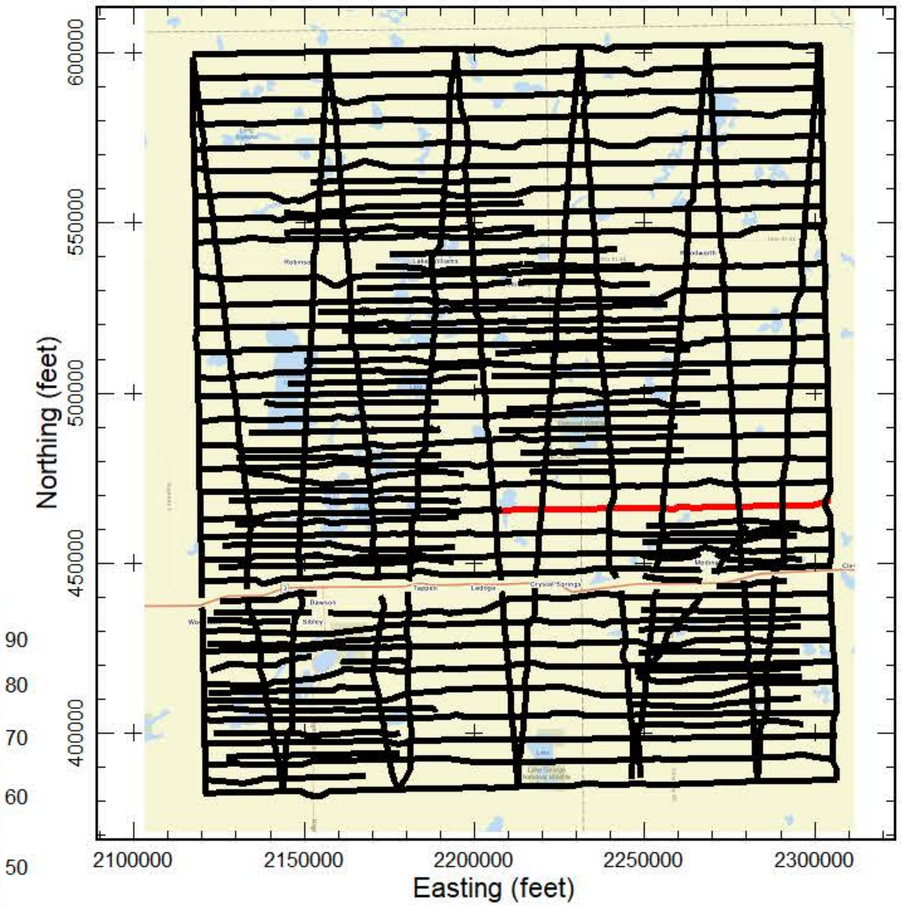
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

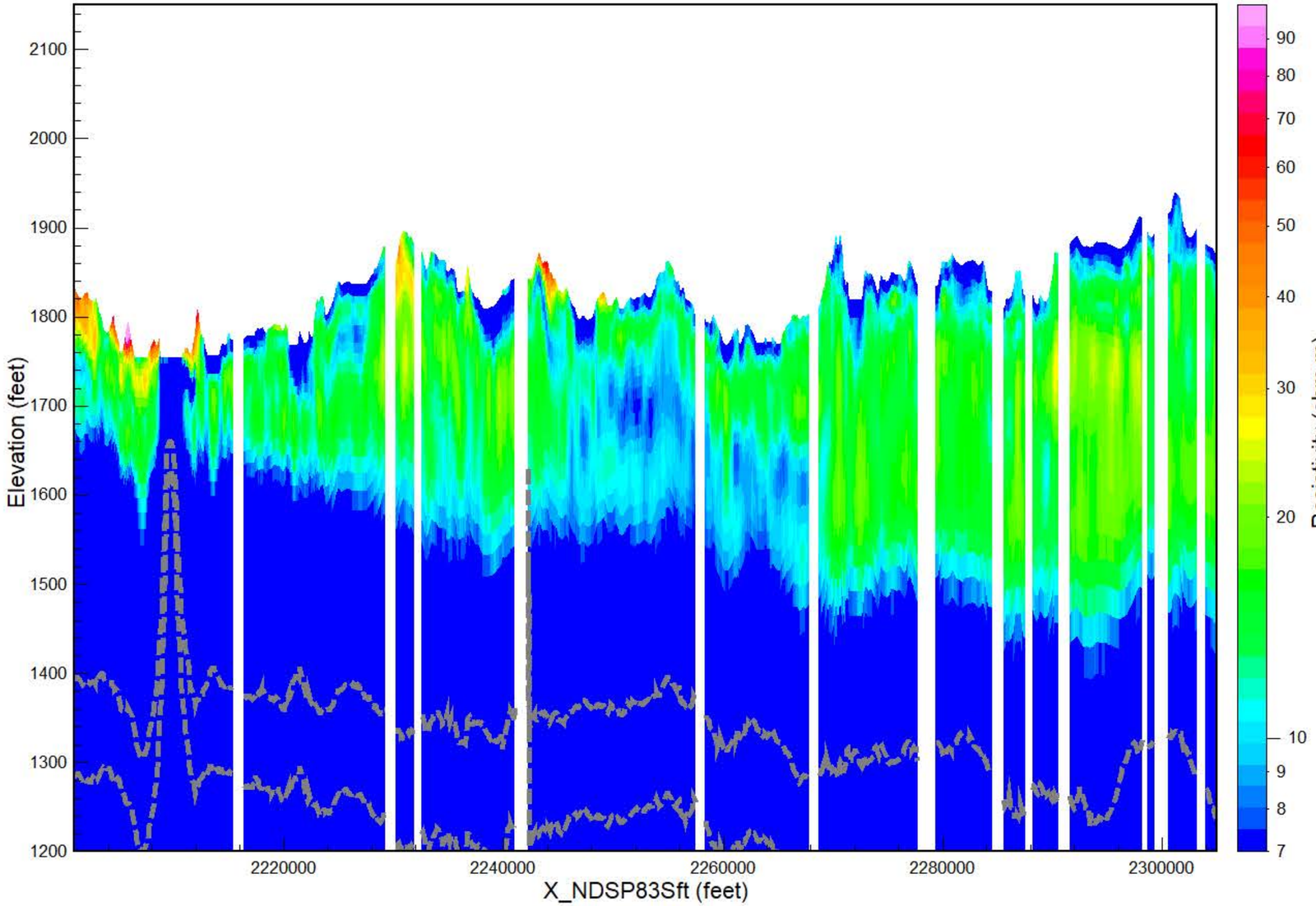
Flight Location Line L102001



AEM Survey Area 1



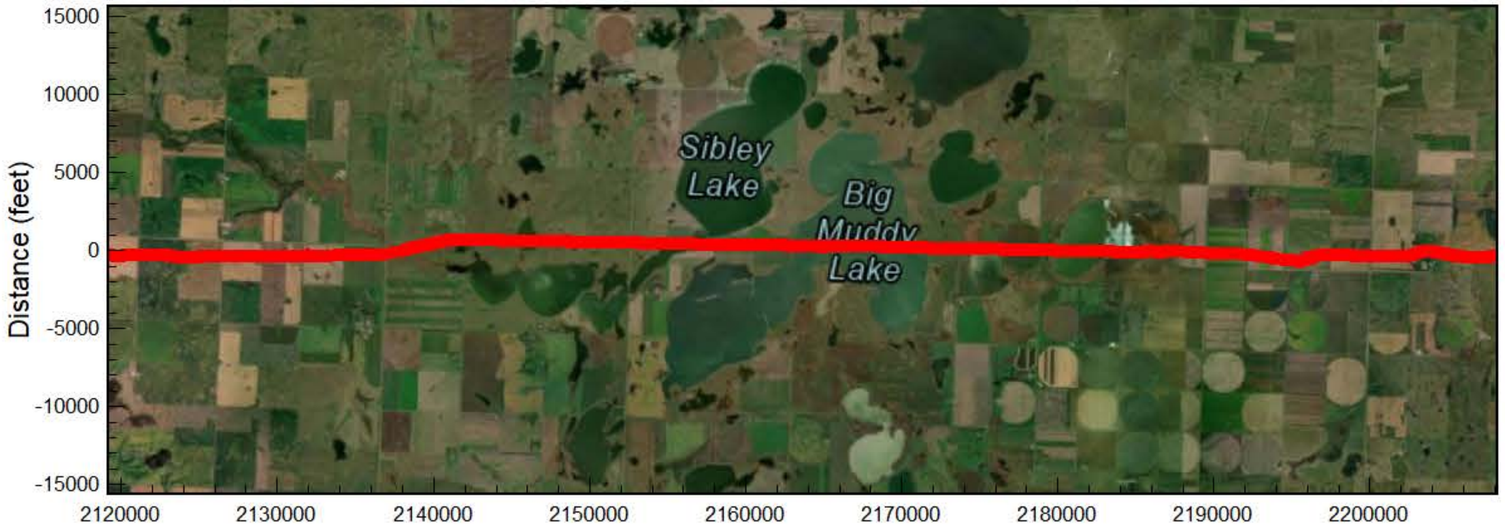
Final SCI Resistivity Line L102001



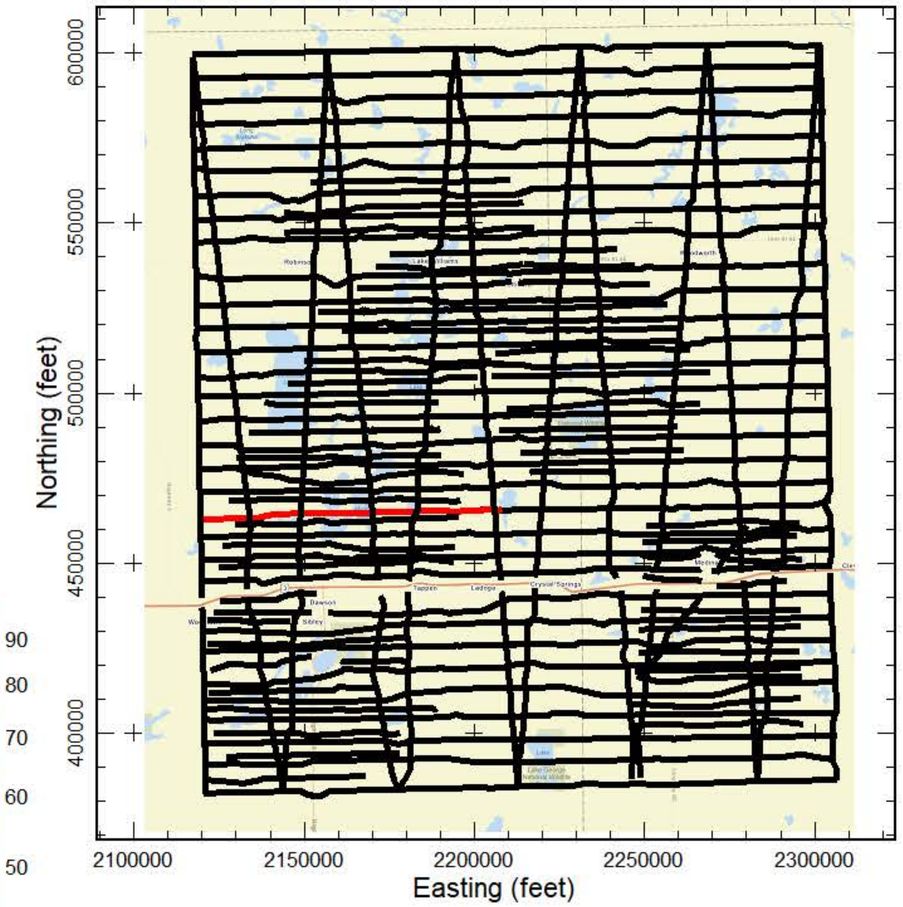
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

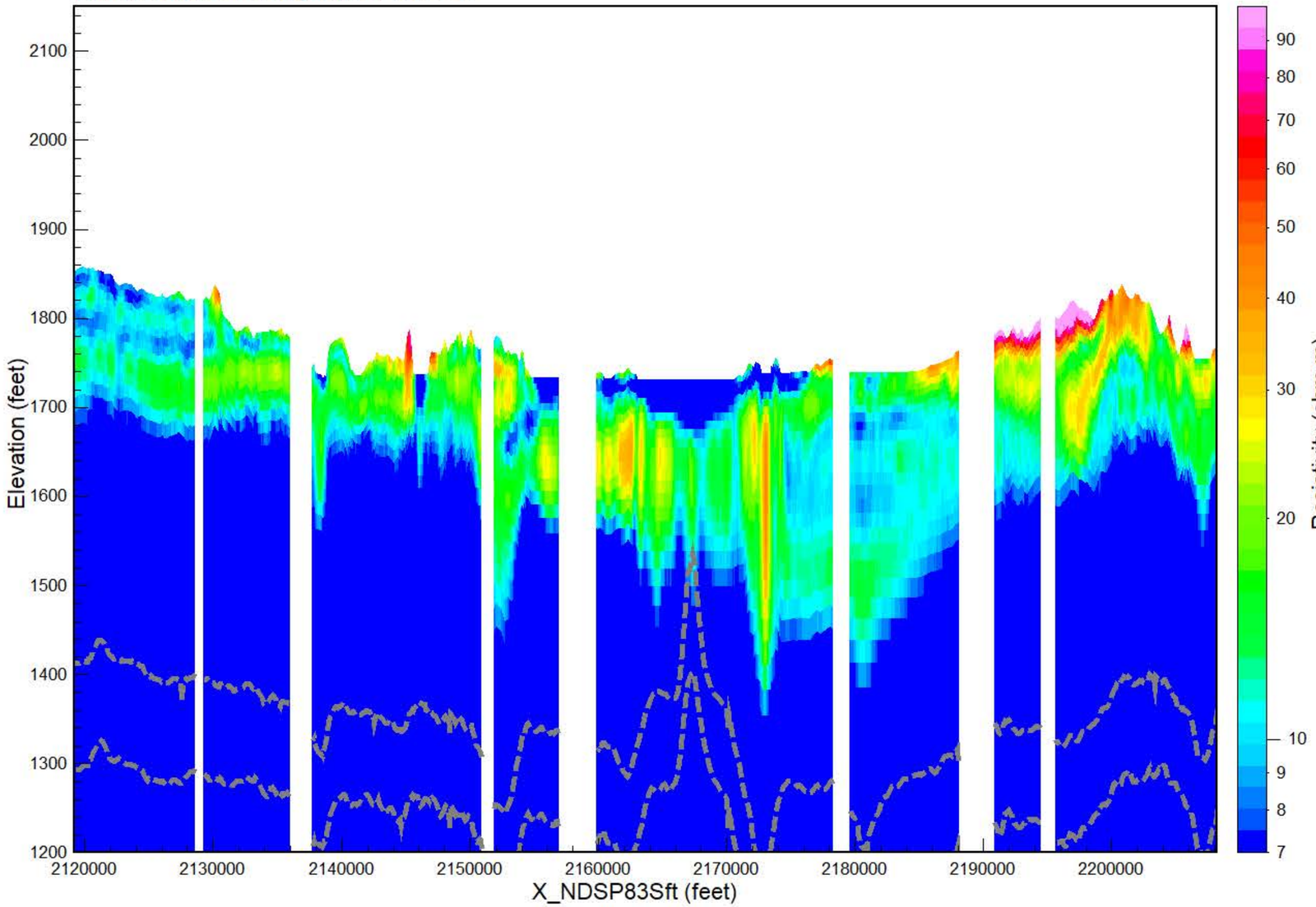
Flight Location Line L102002



AEM Survey Area 1



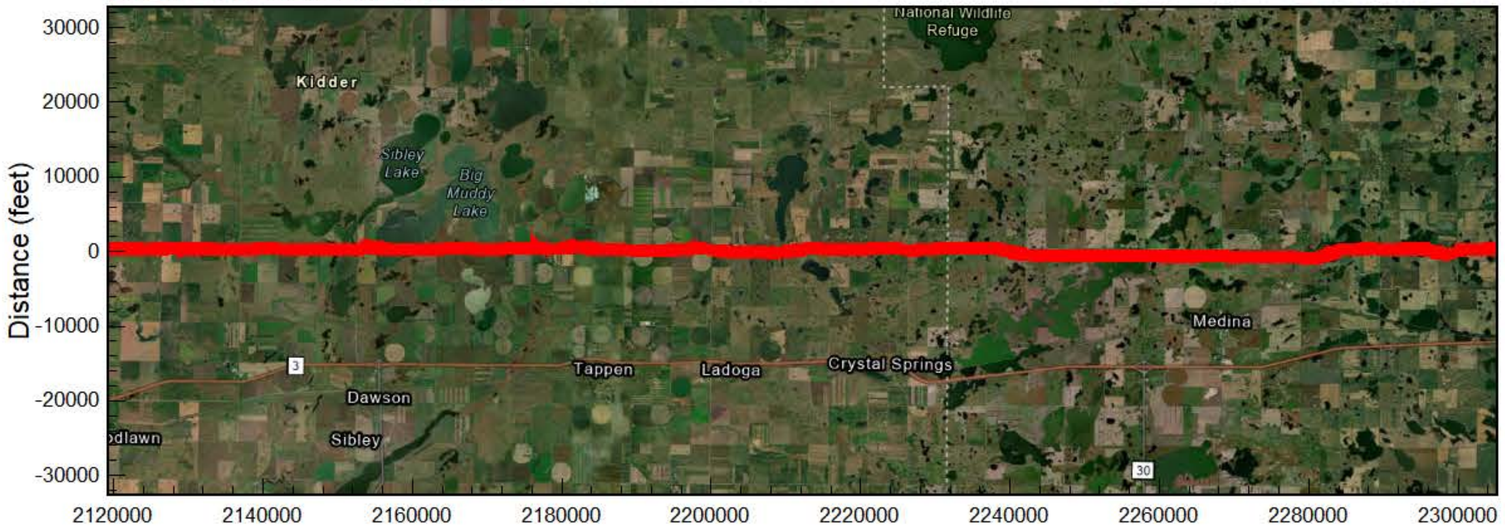
Final SCI Resistivity Line L102002



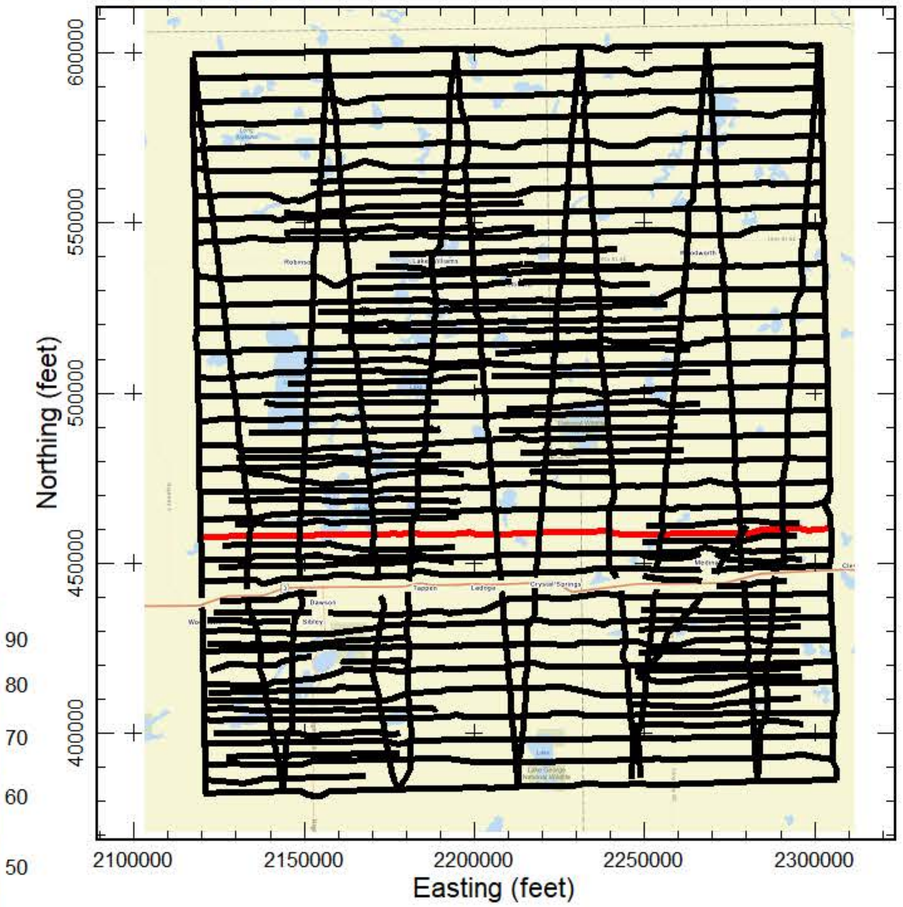
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

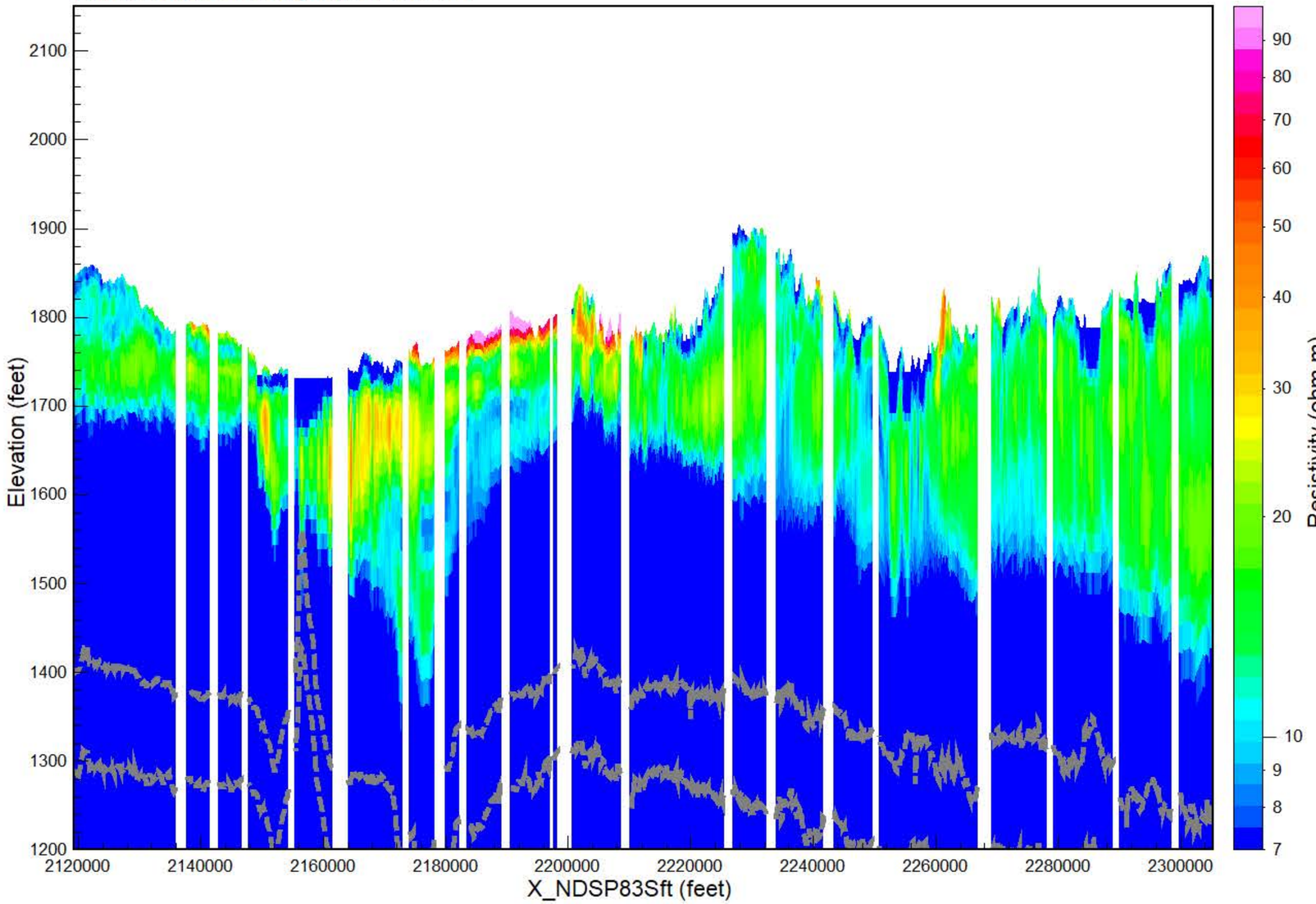
Flight Location Line L102101



AEM Survey Area 1



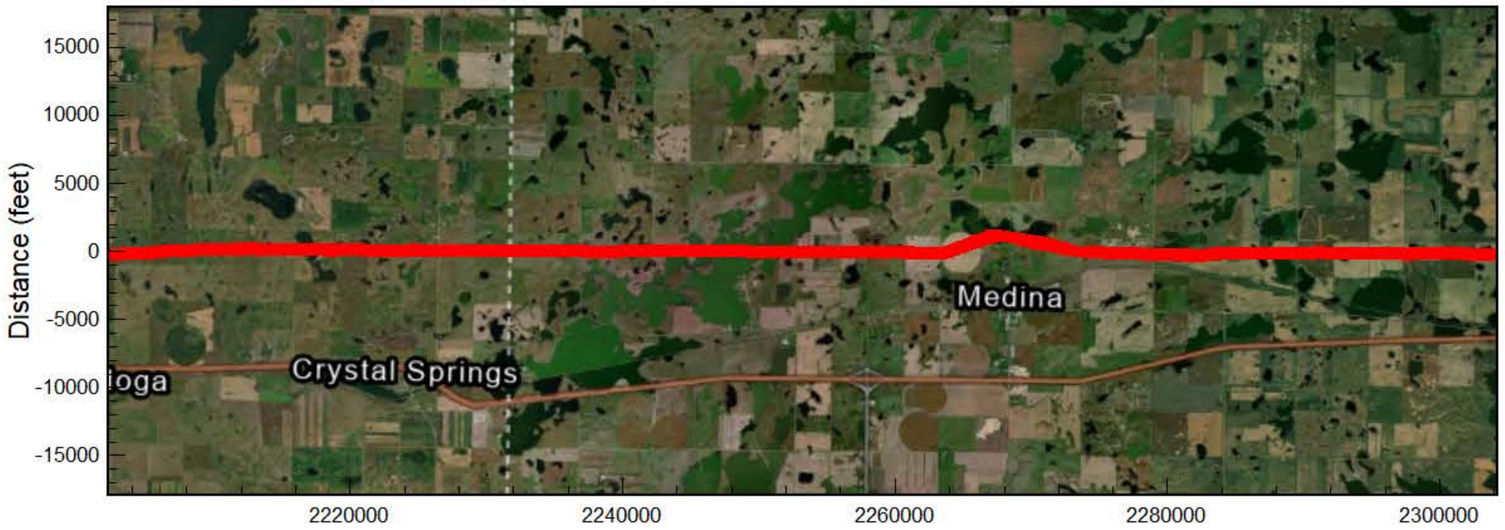
Final SCI Resistivity Line L102101



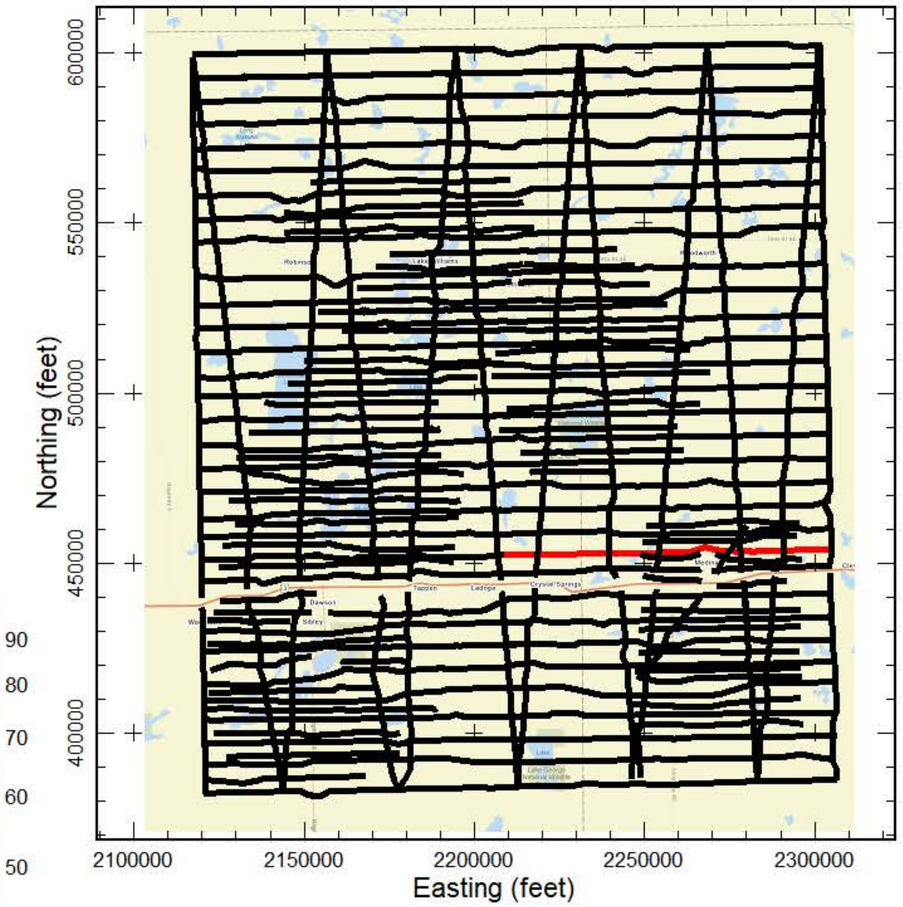
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

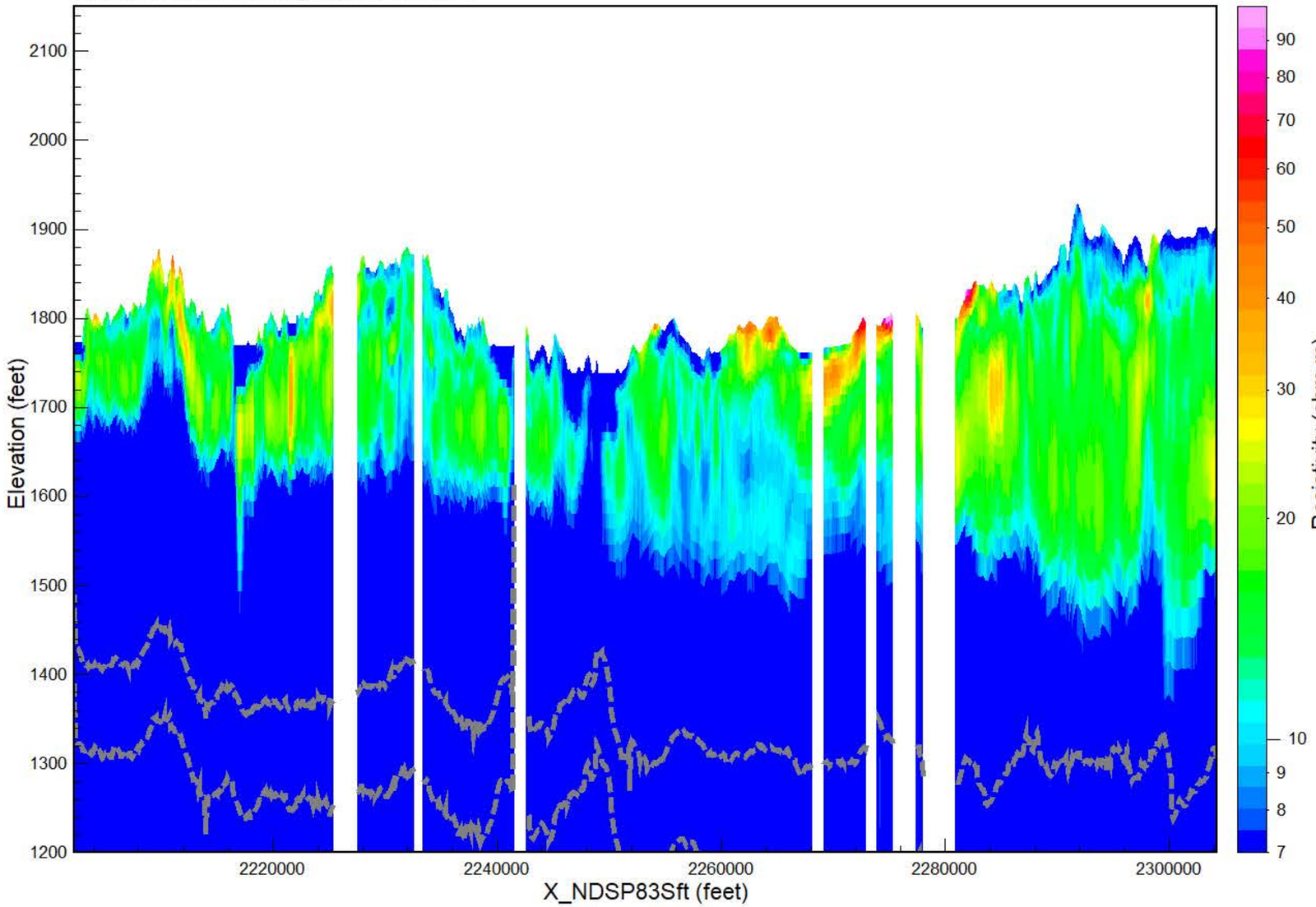
Flight Location Line L102201



AEM Survey Area 1



Final SCI Resistivity Line L102201



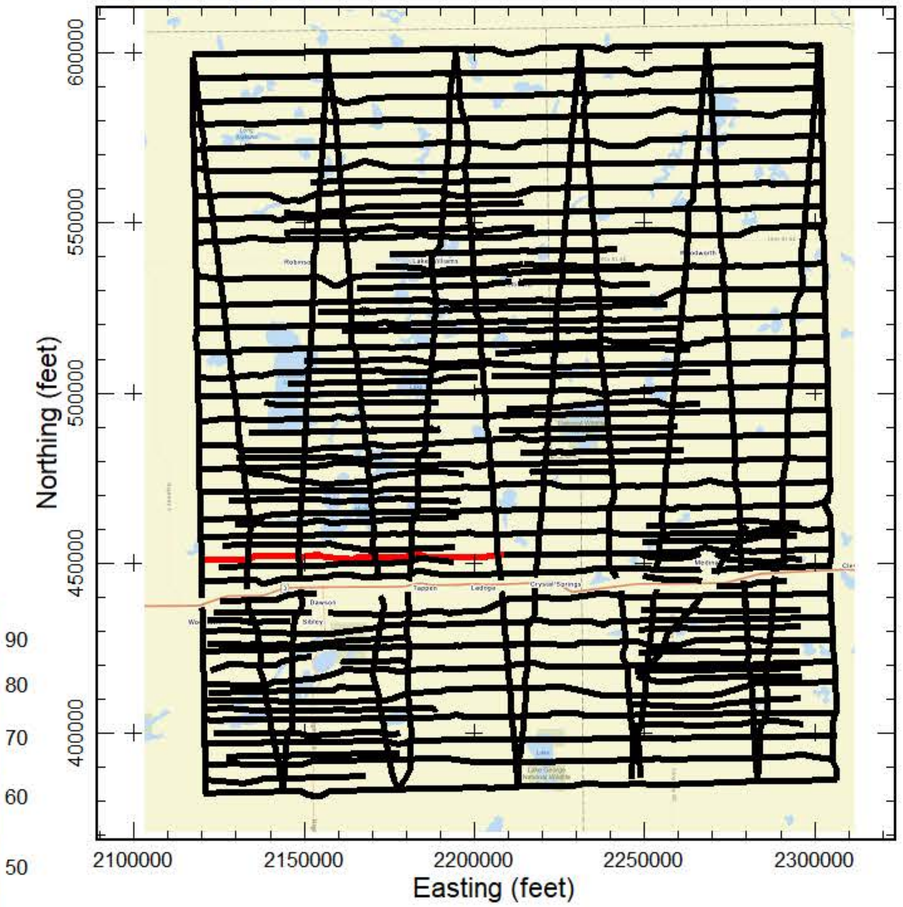
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

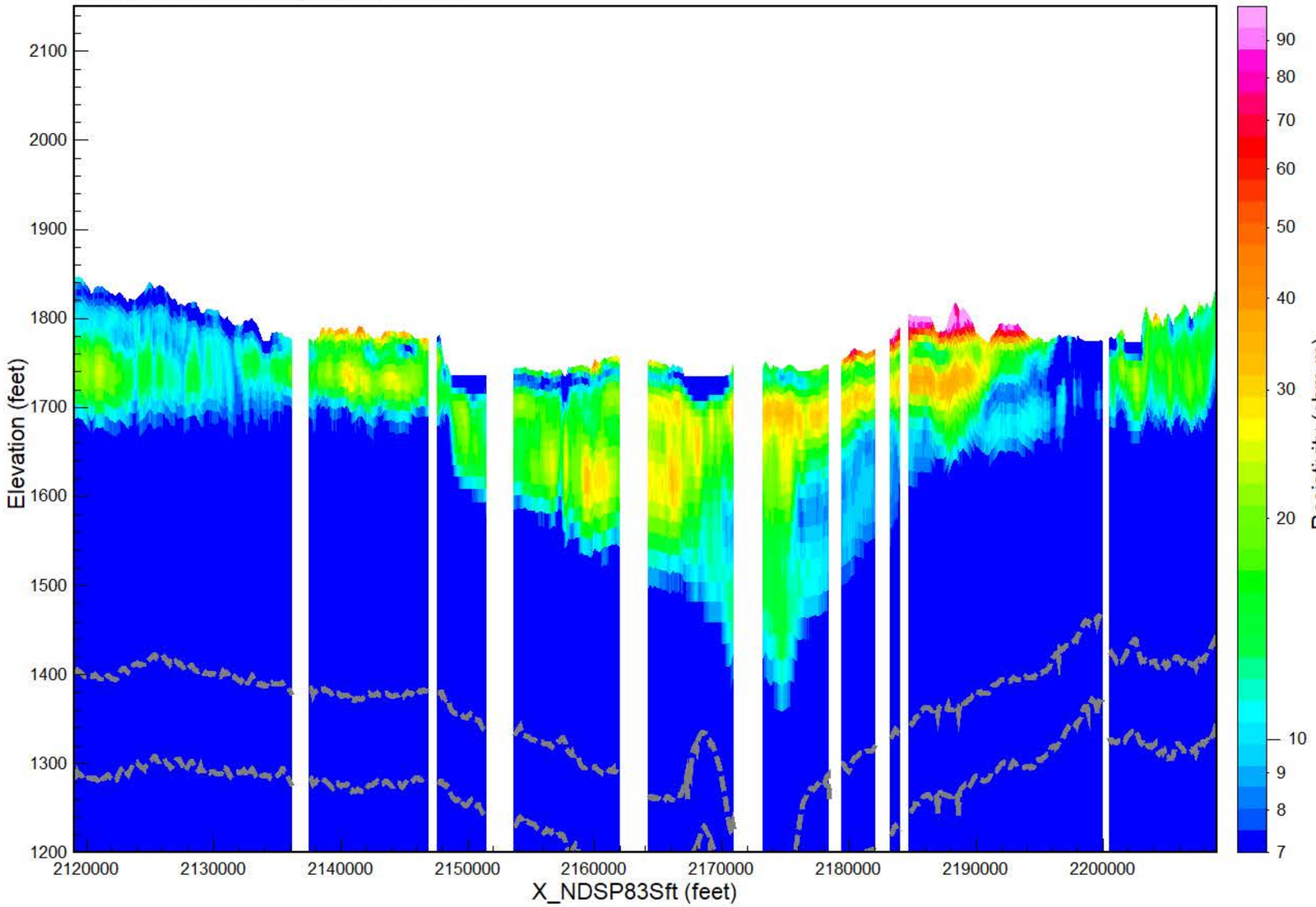
Flight Location Line L102202



AEM Survey Area 1



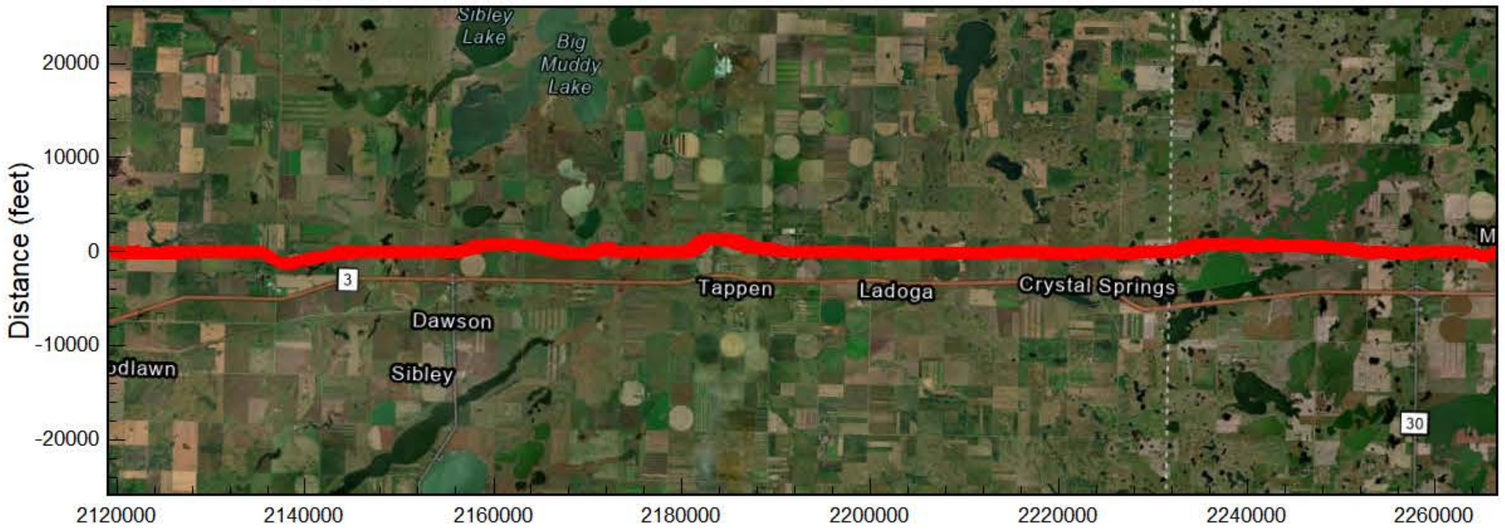
Final SCI Resistivity Line L102202



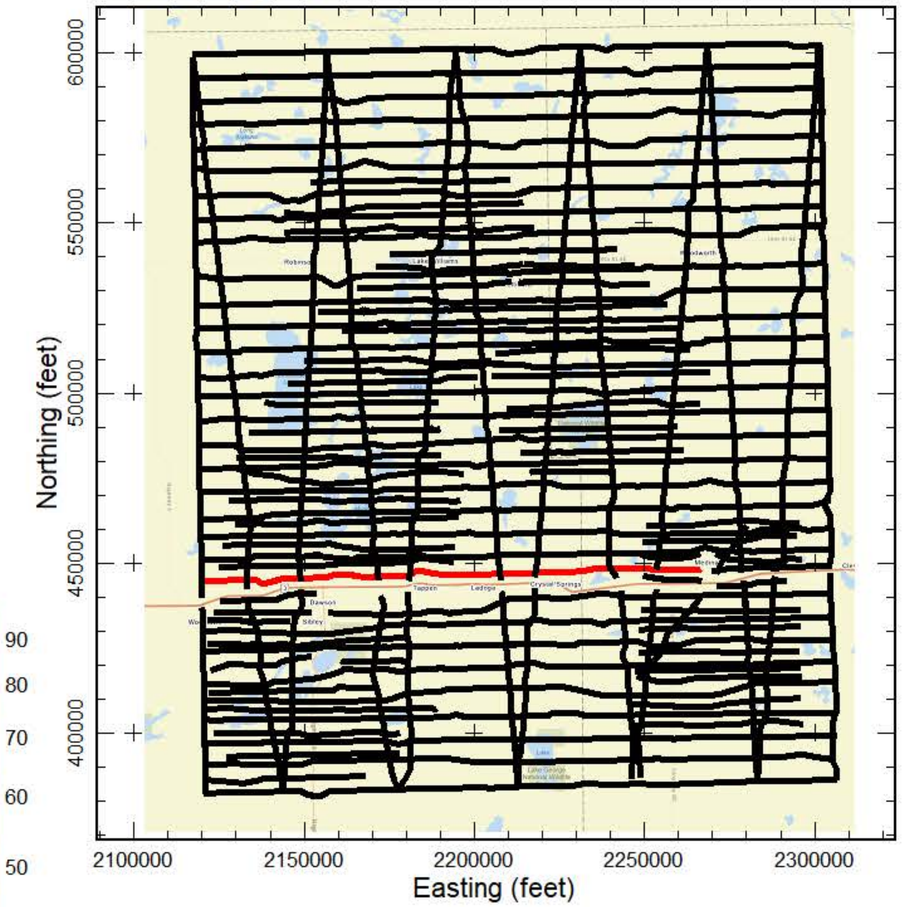
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

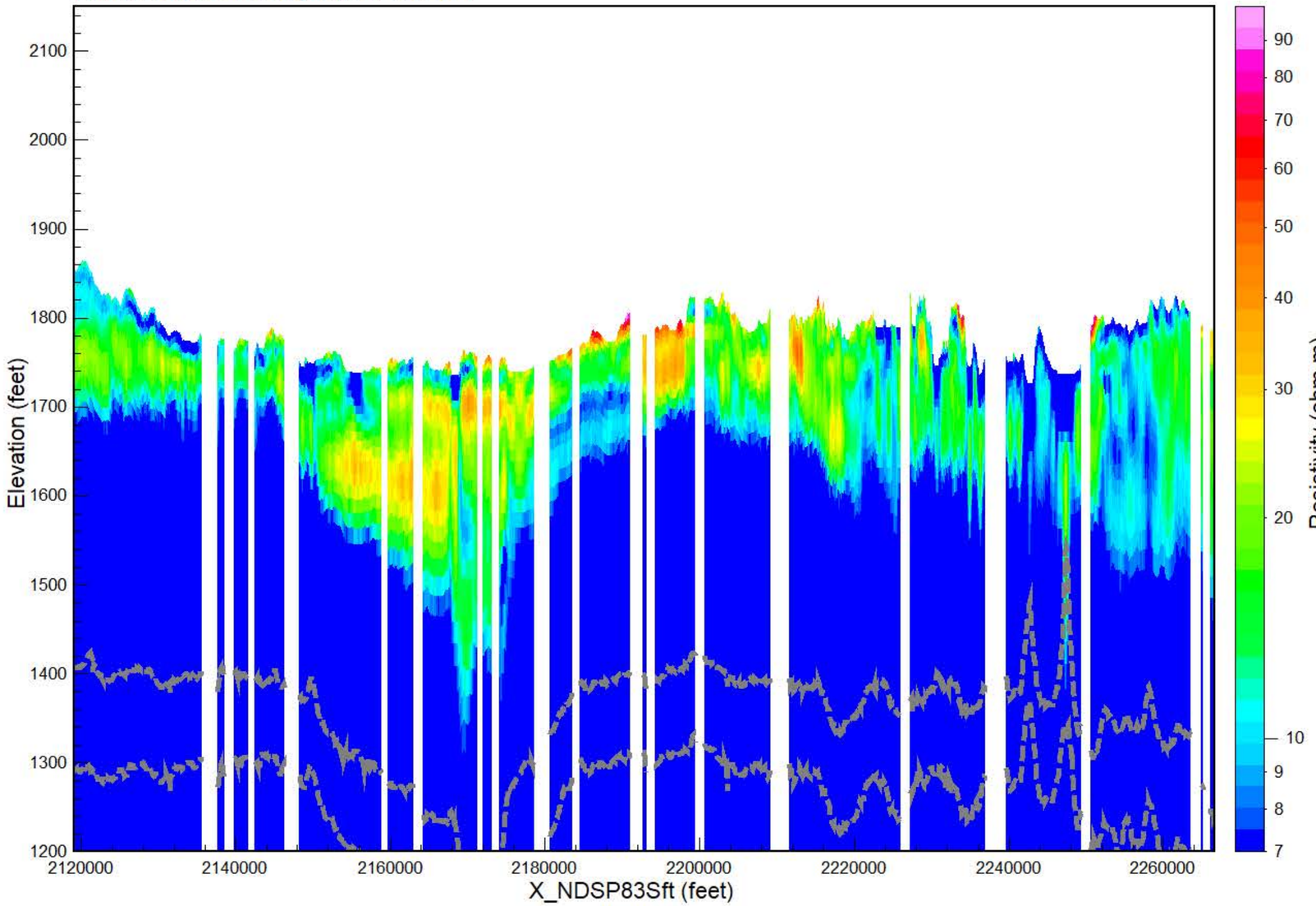
Flight Location Line L102301



AEM Survey Area 1



Final SCI Resistivity Line L102301



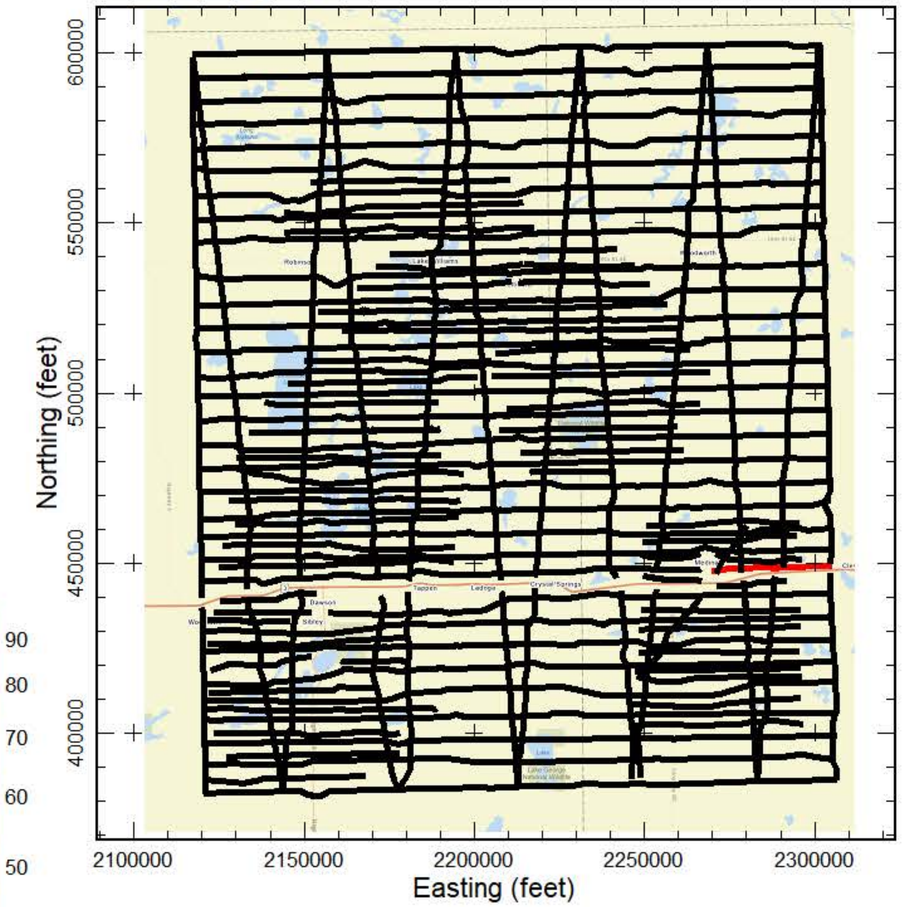
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

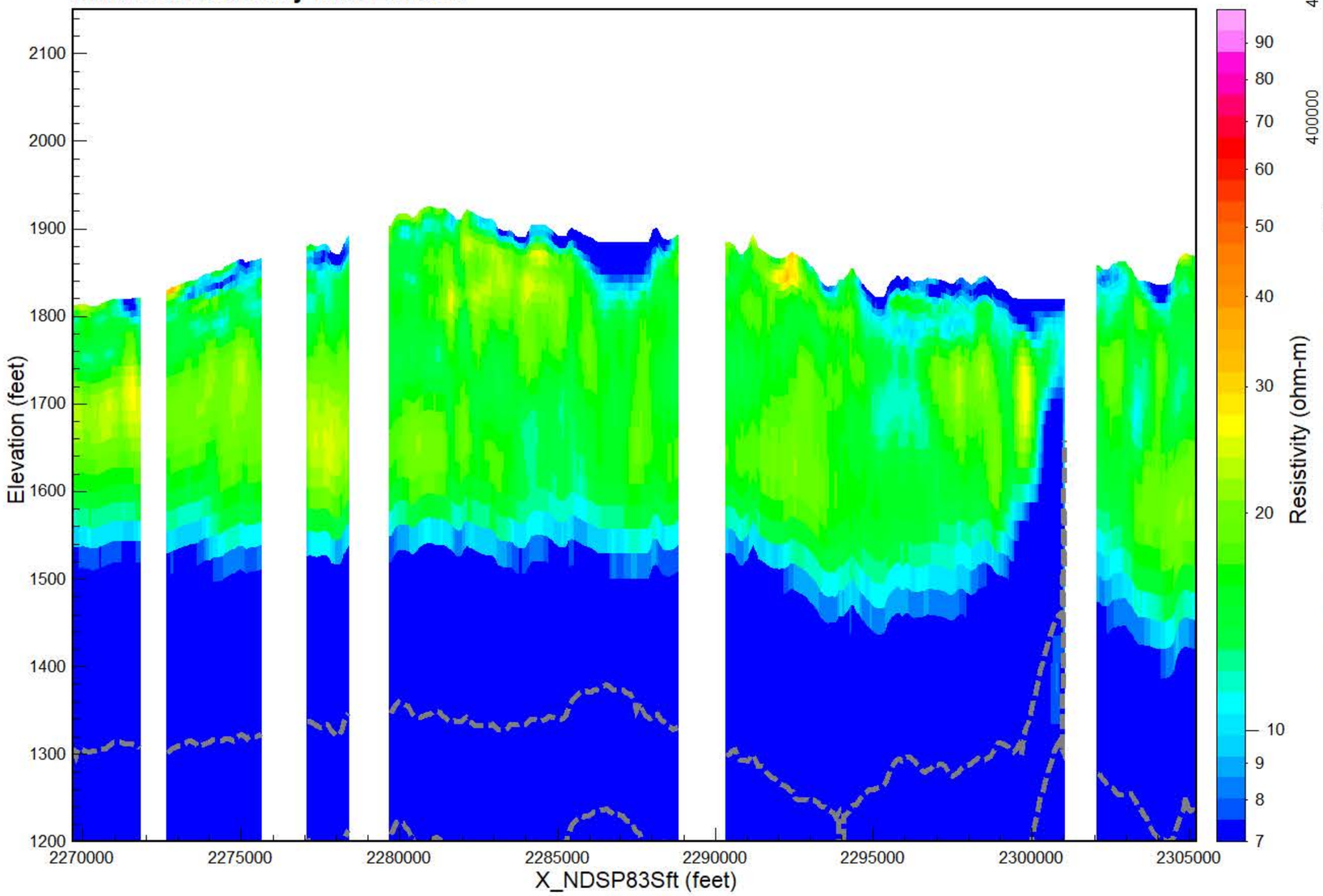
Flight Location Line L102302



AEM Survey Area 1



Final SCI Resistivity Line L102302



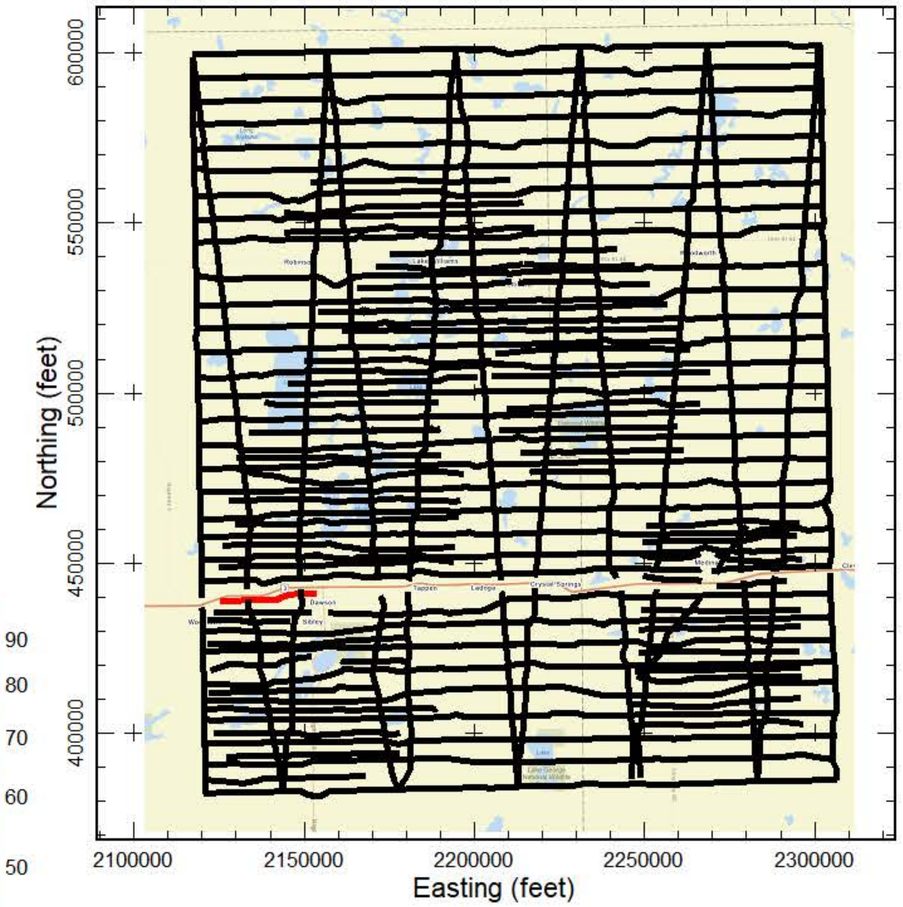
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

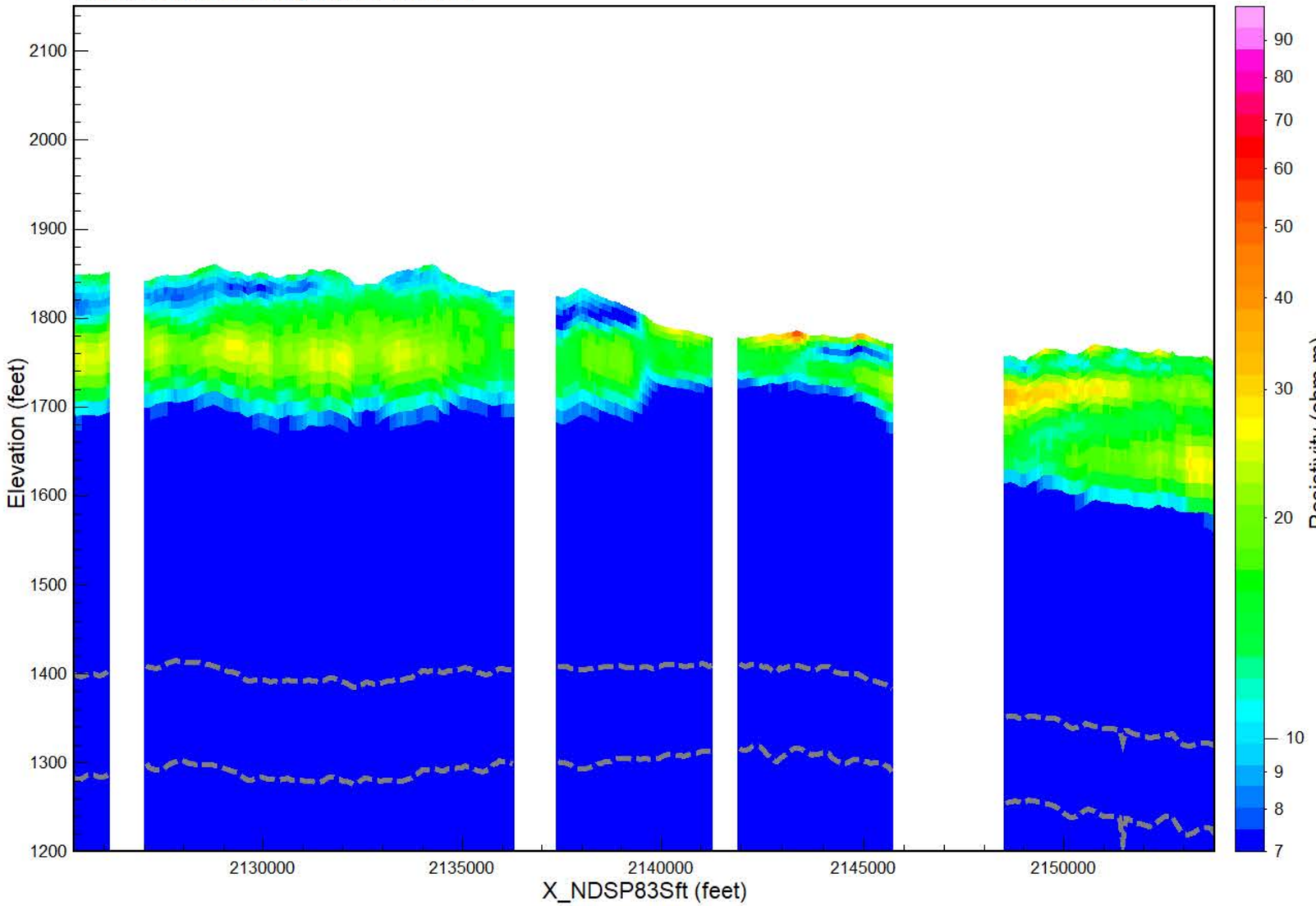
Flight Location Line L102401



AEM Survey Area 1



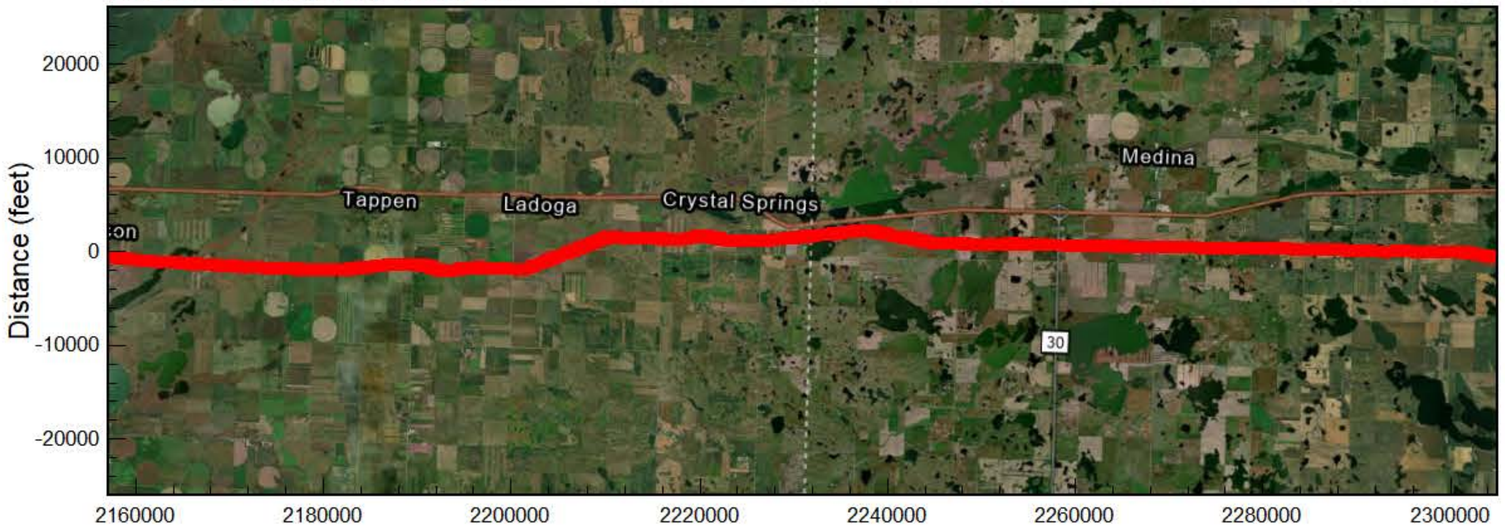
Final SCI Resistivity Line L102401



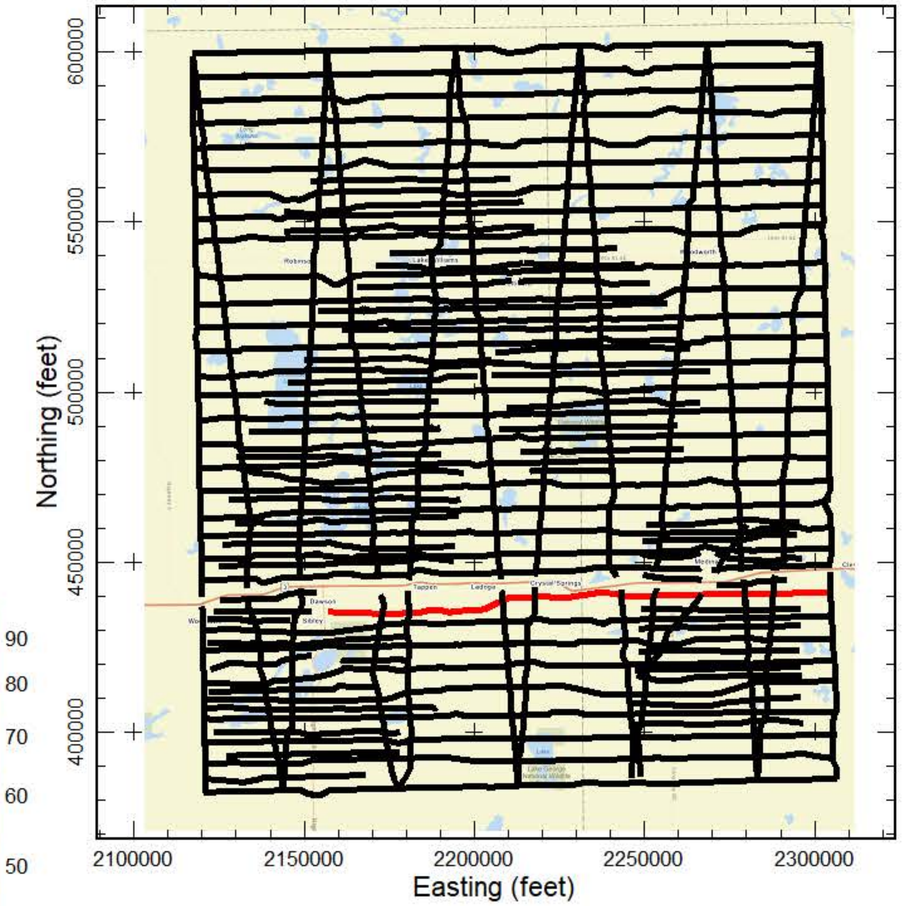
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

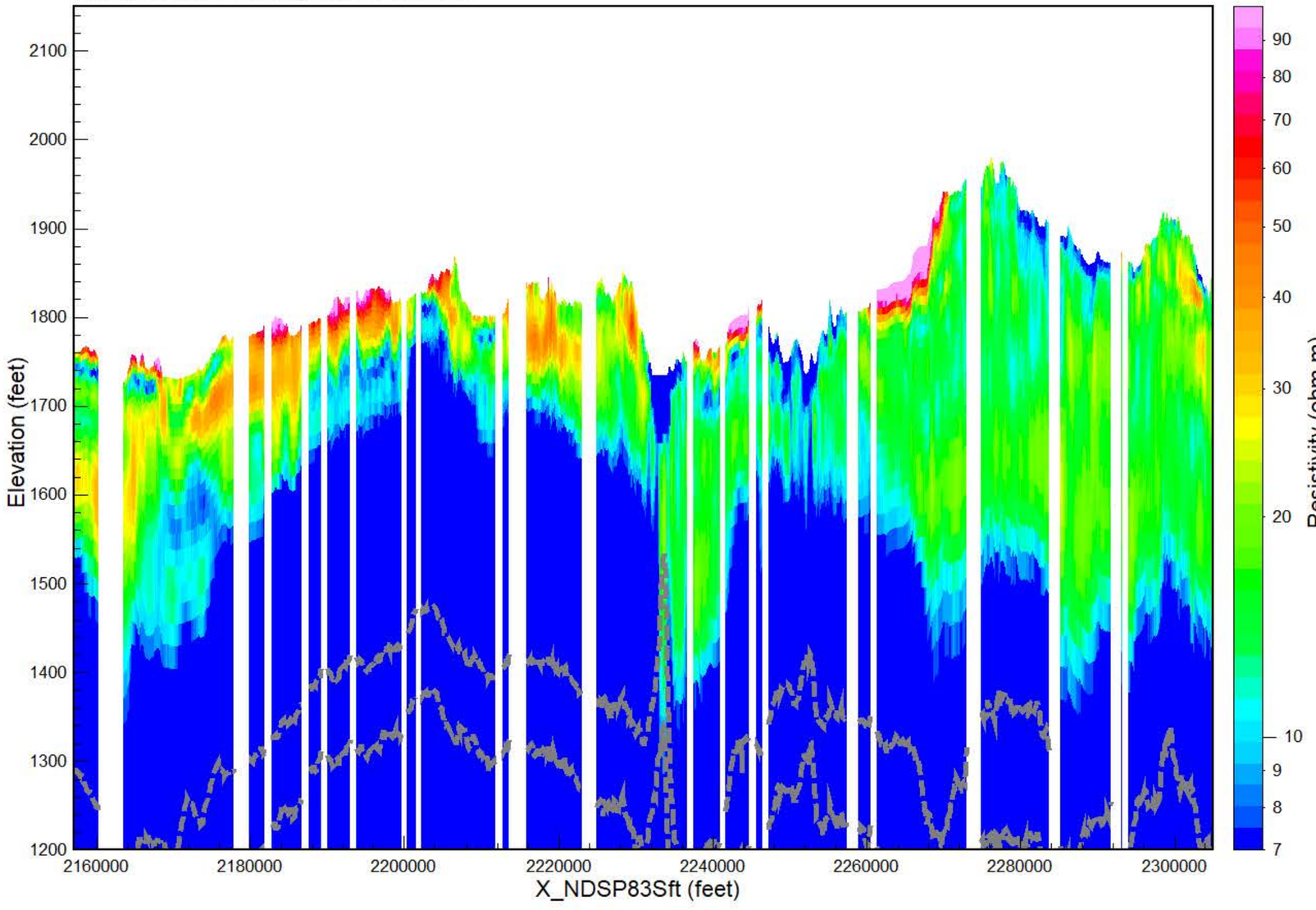
Flight Location Line L102402



AEM Survey Area 1



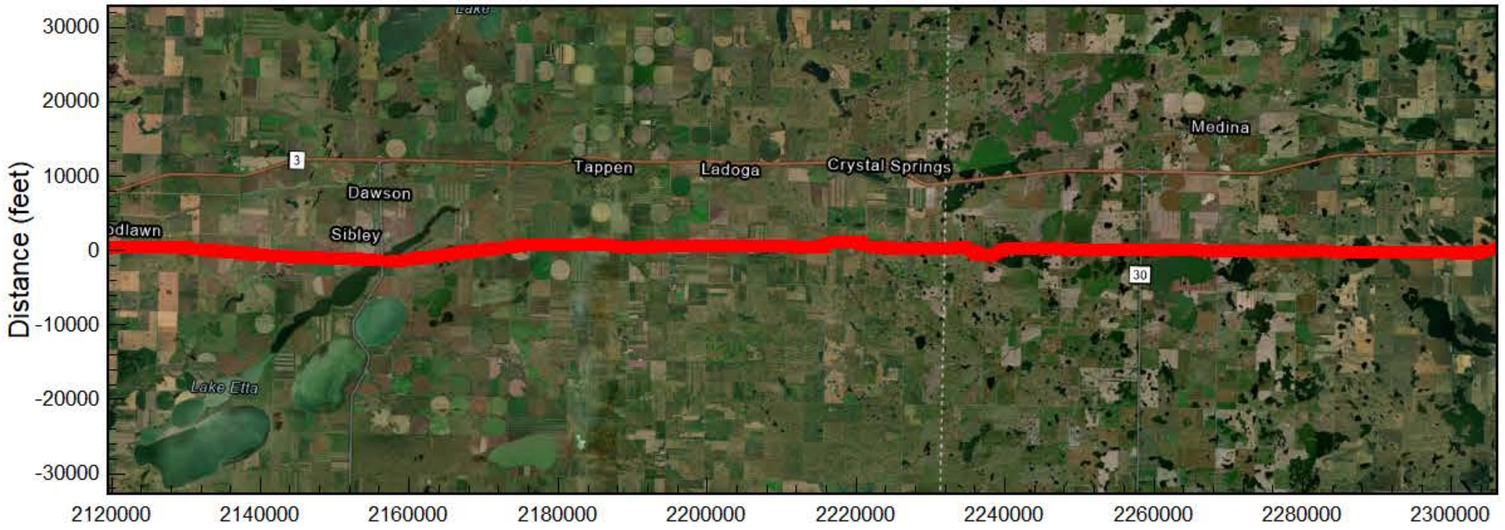
Final SCI Resistivity Line L102402



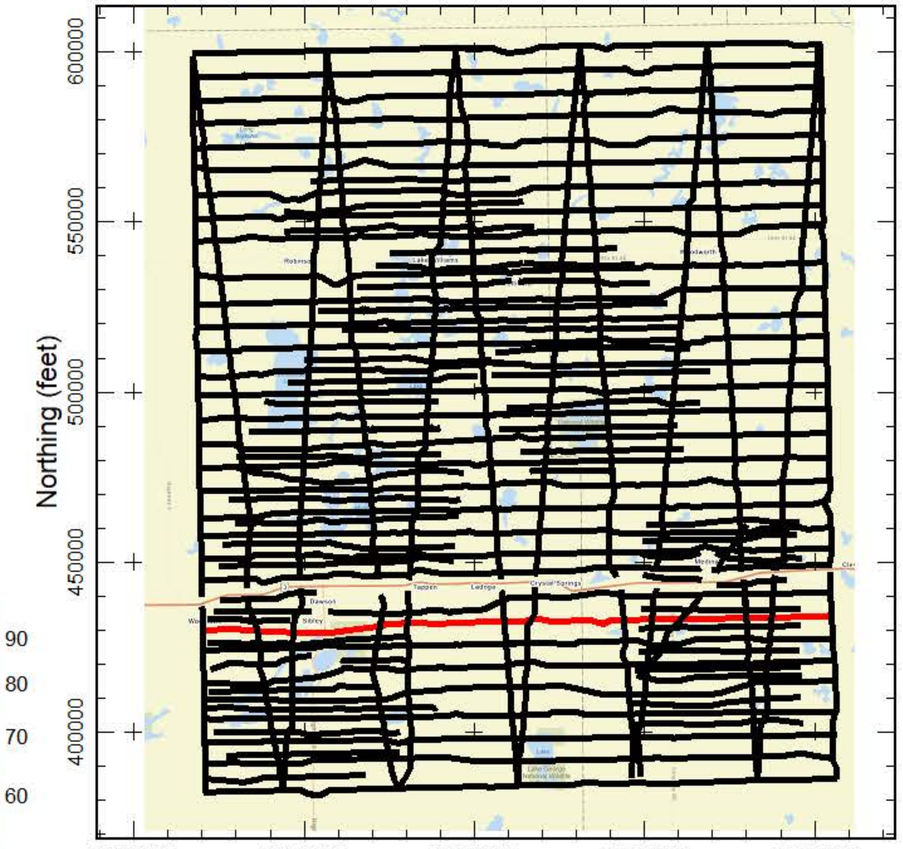
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

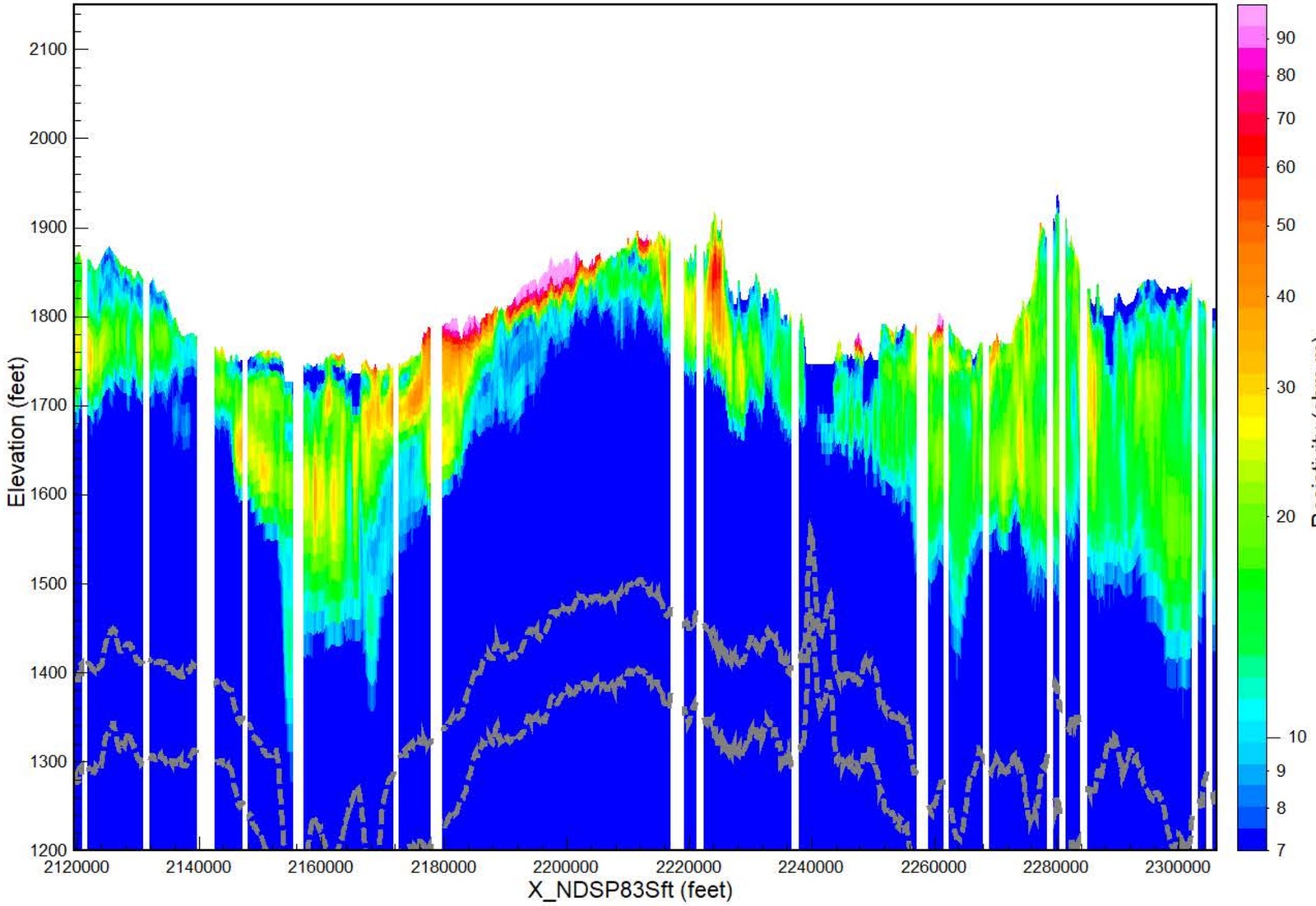
Flight Location Line L102501



AEM Survey Area 1



Final SCI Resistivity Line L102501



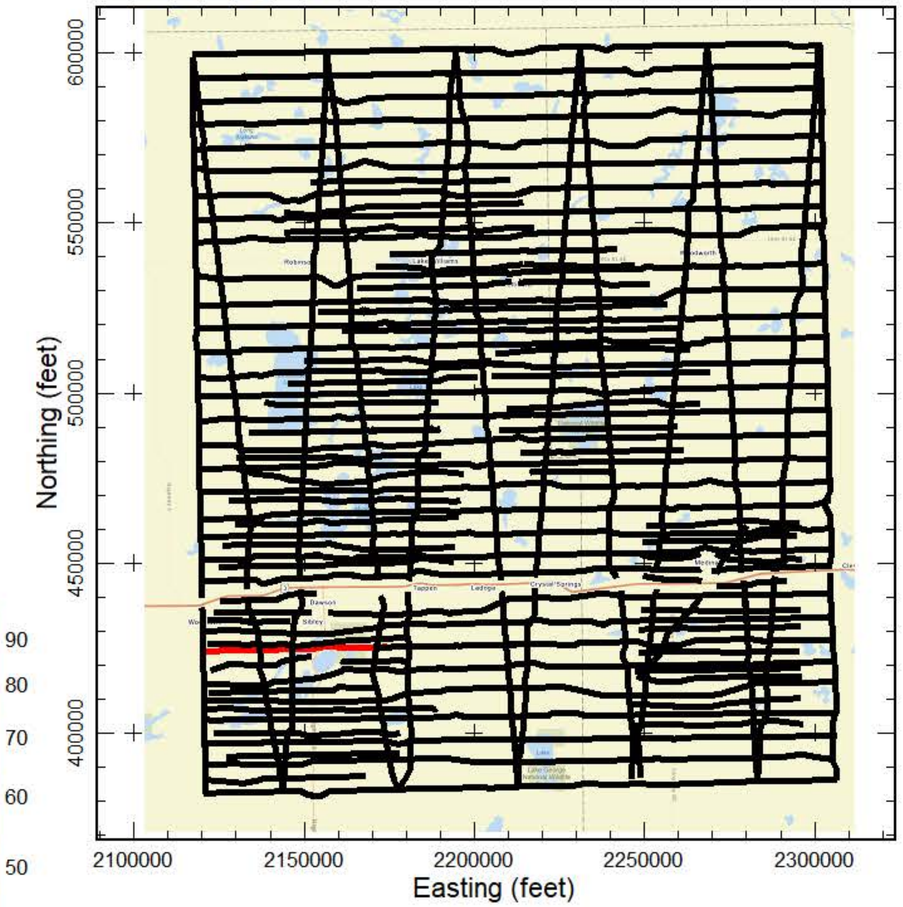
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

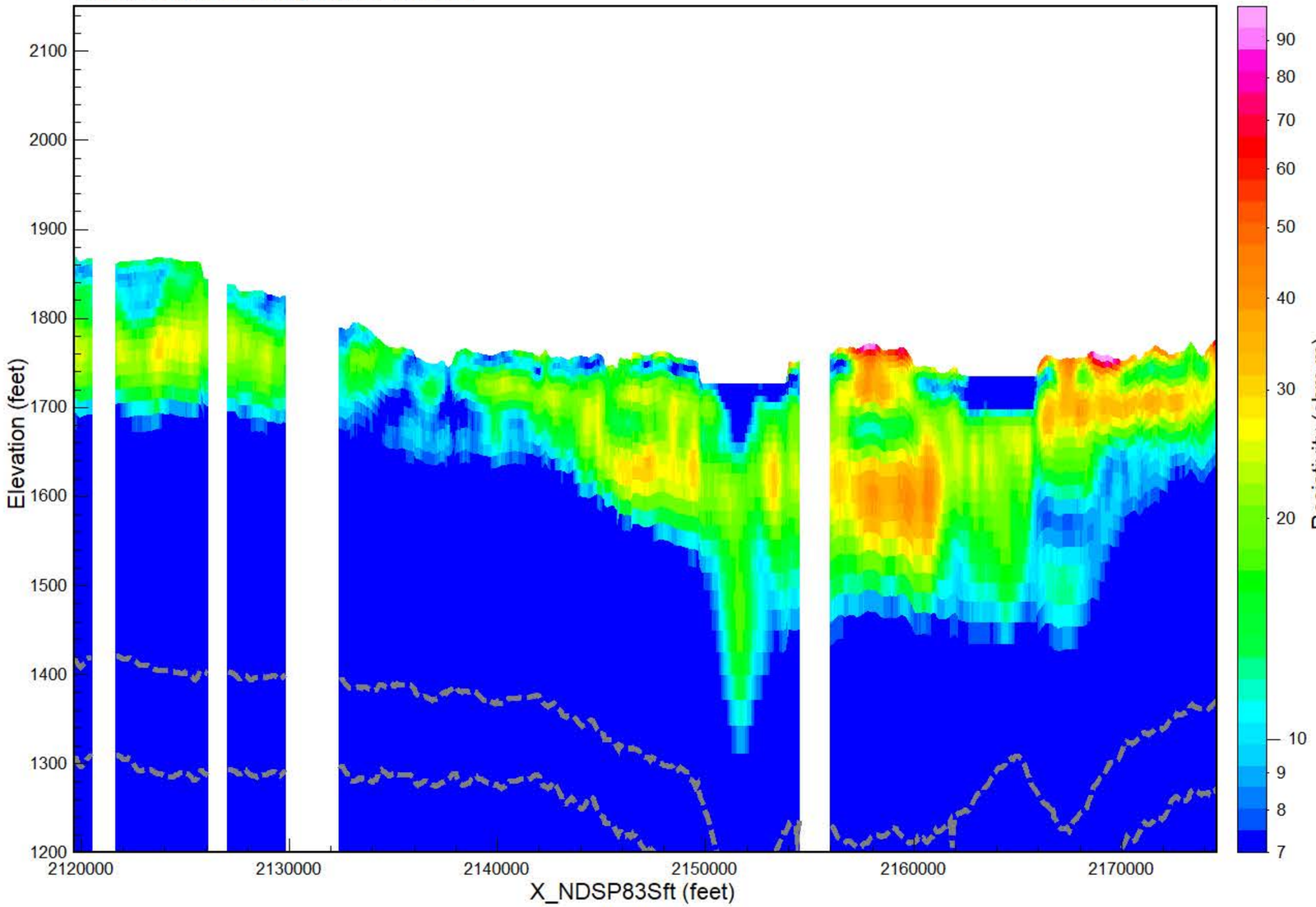
Flight Location Line L102601



AEM Survey Area 1



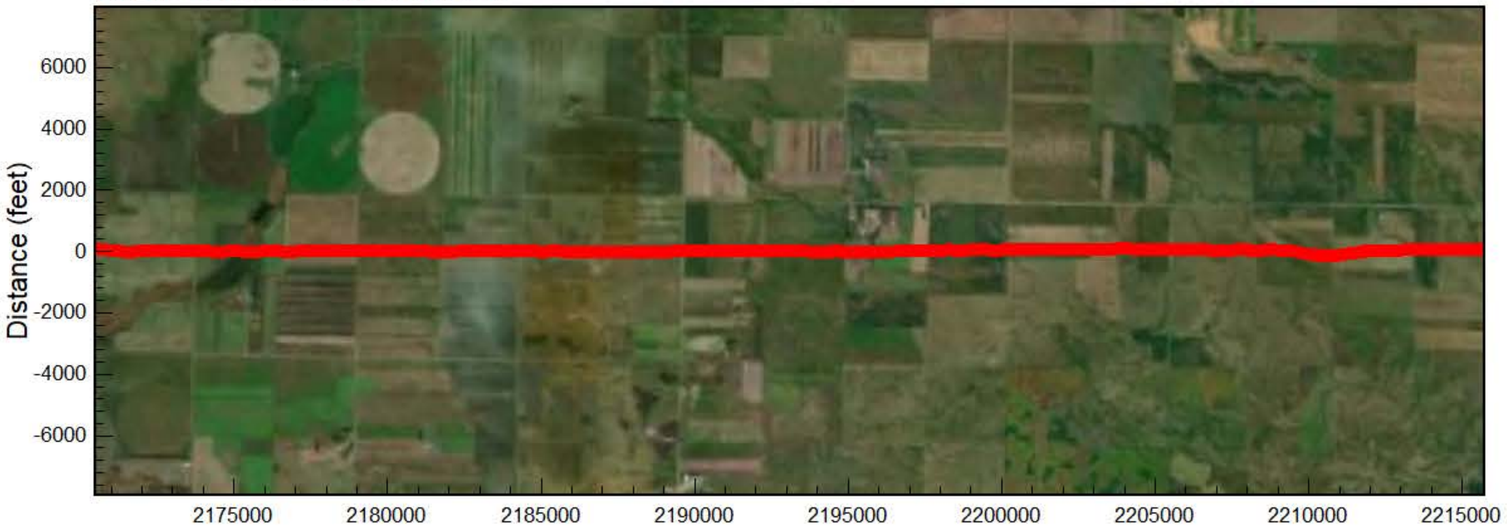
Final SCI Resistivity Line L102601



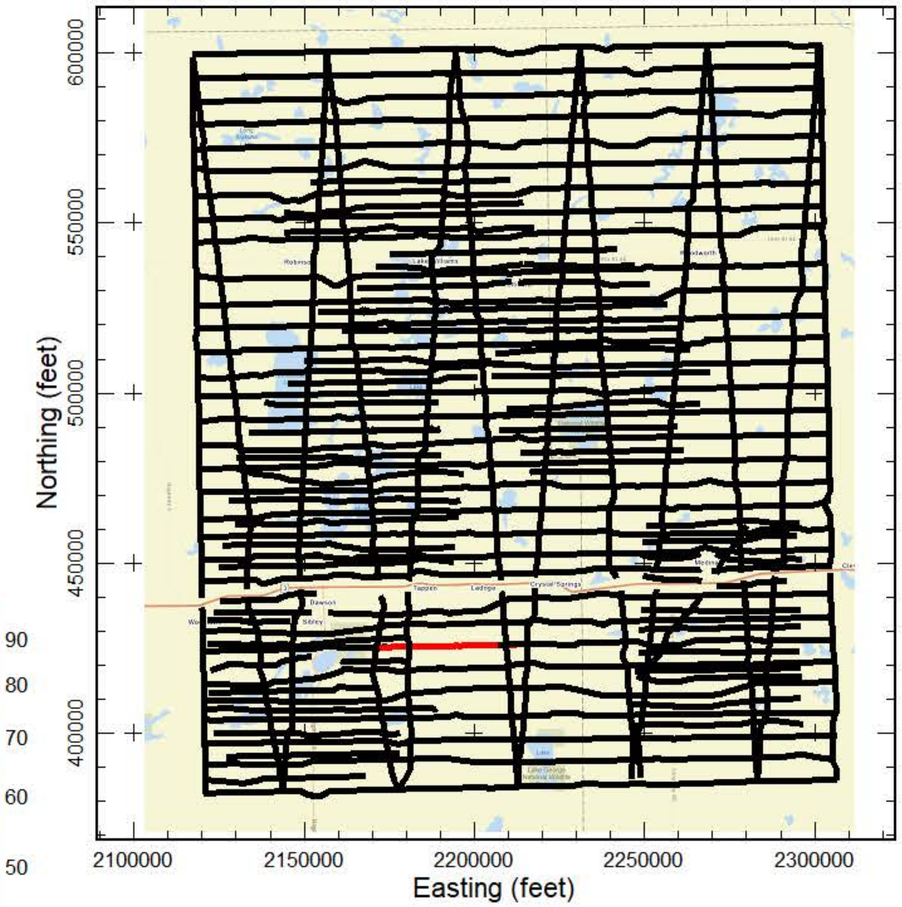
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

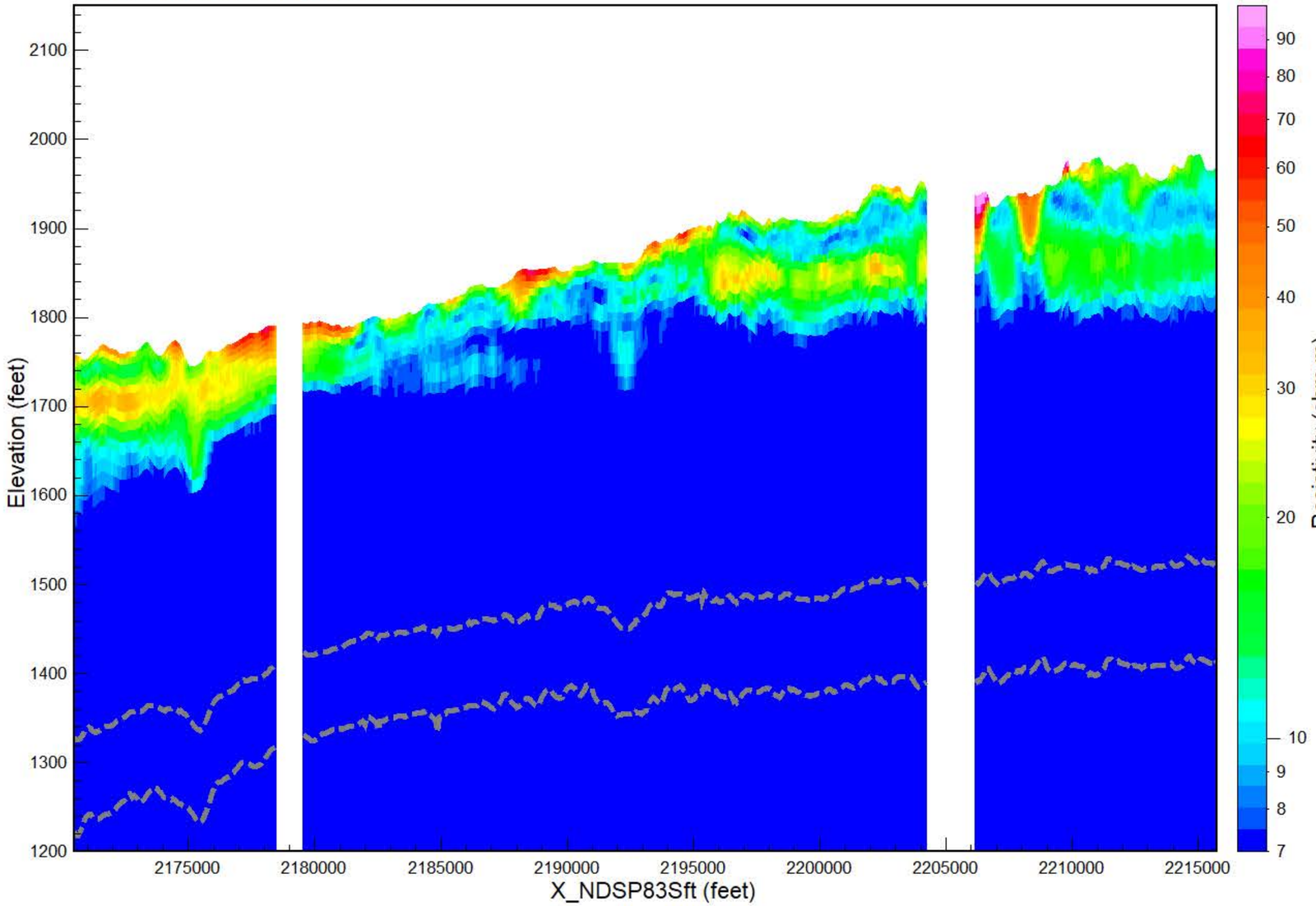
Flight Location Line L102602



AEM Survey Area 1



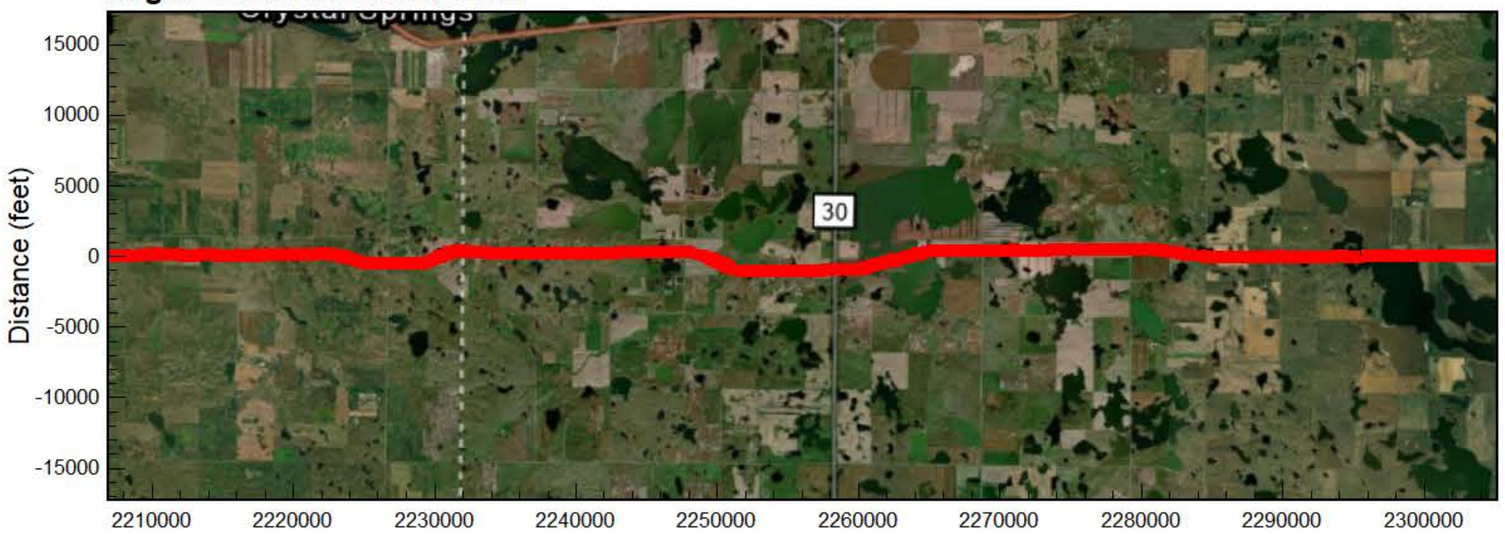
Final SCI Resistivity Line L102602



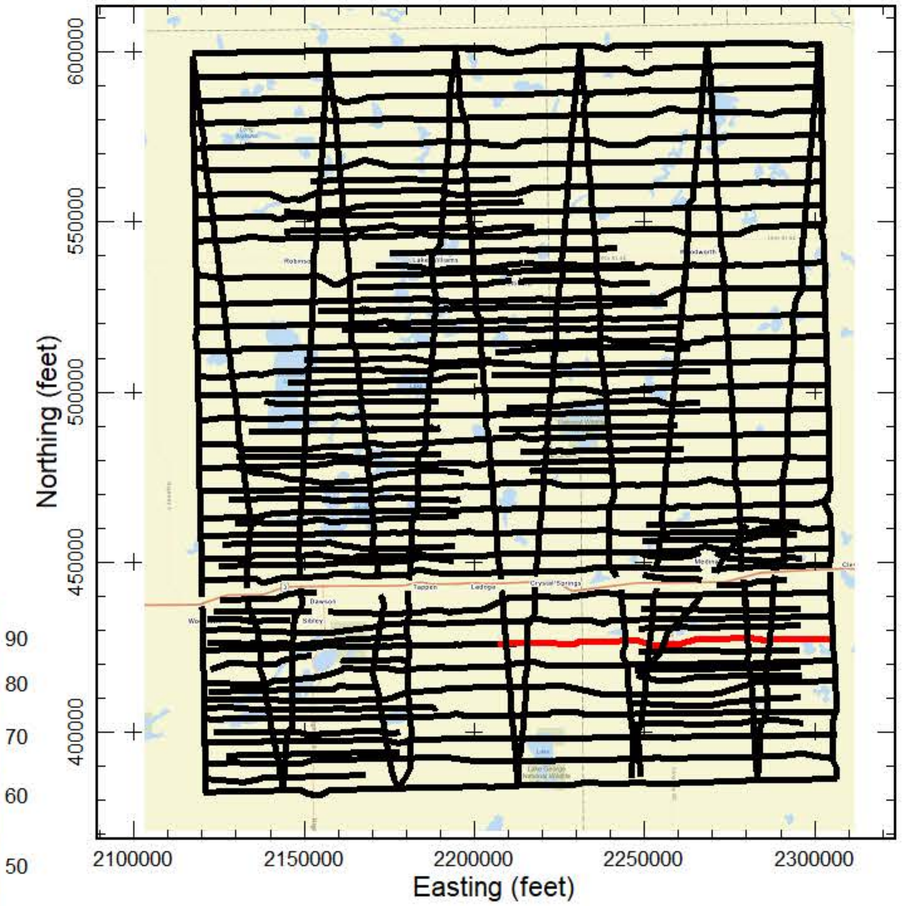
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

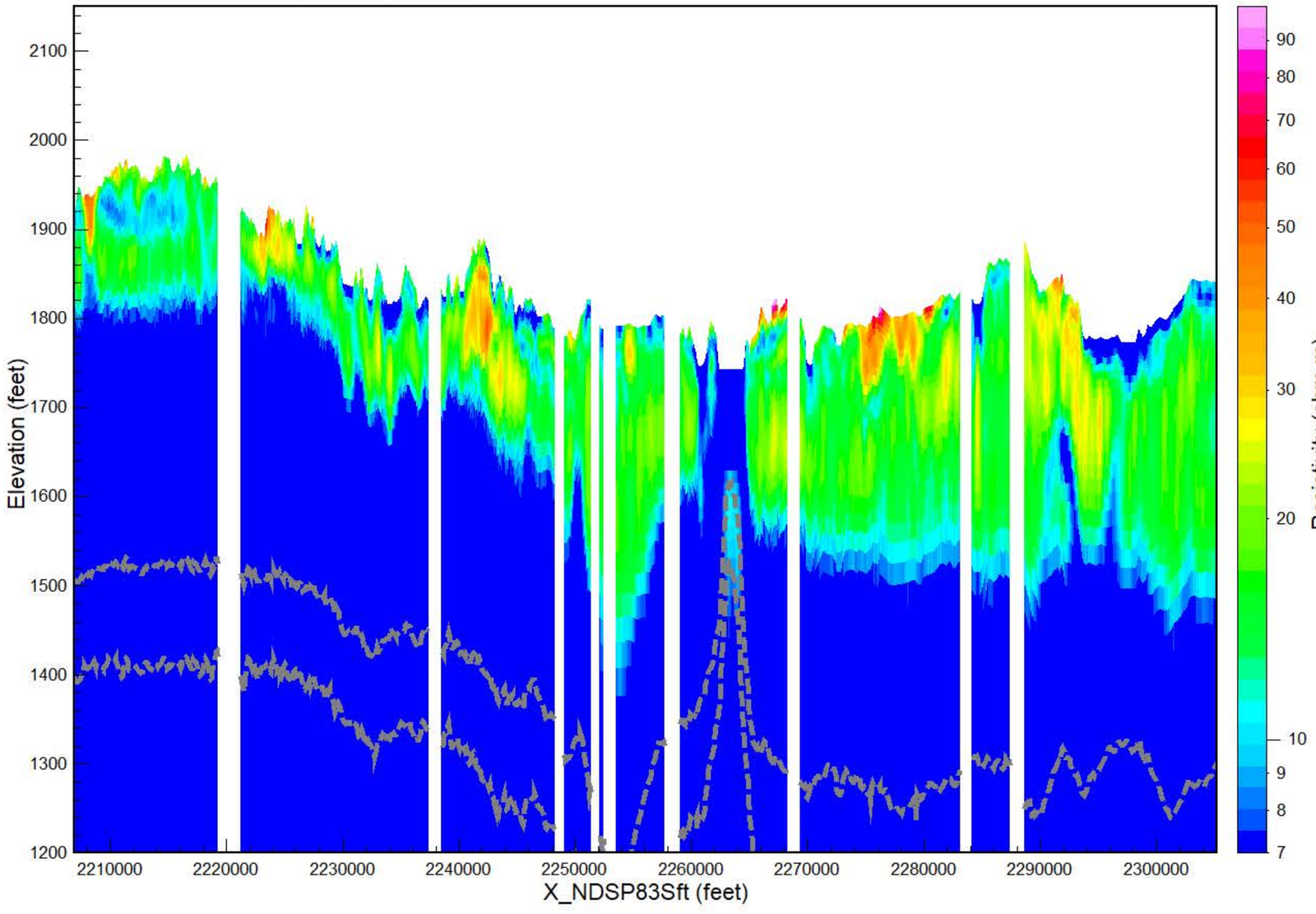
Flight Location Line L102603



AEM Survey Area 1



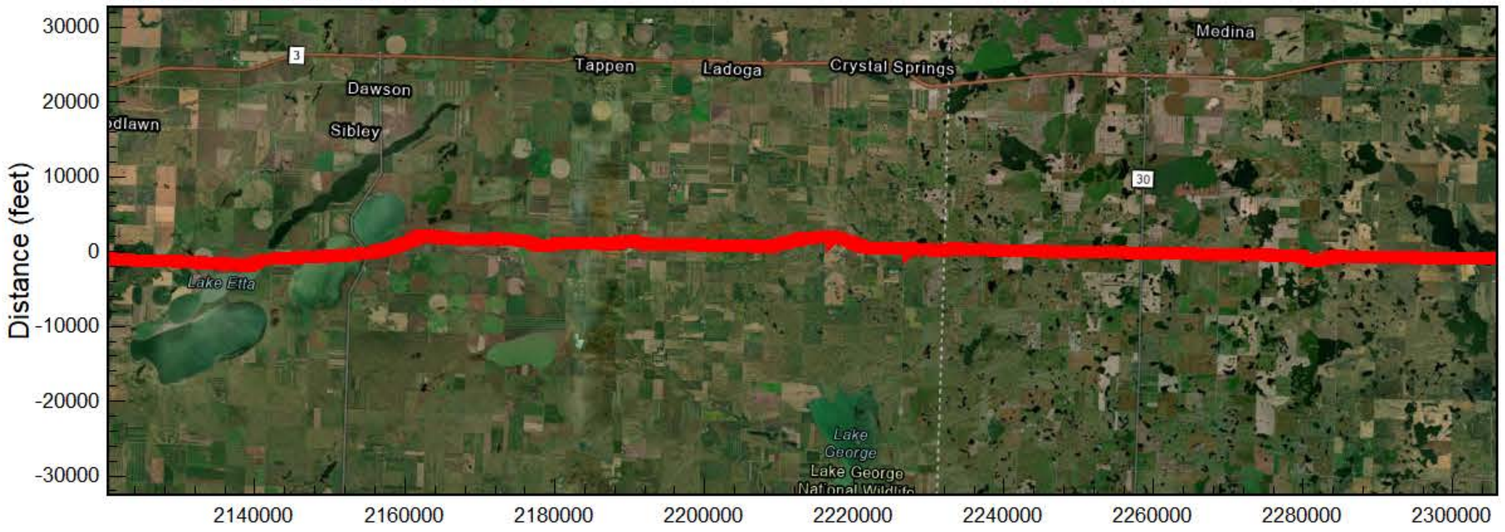
Final SCI Resistivity Line L102603



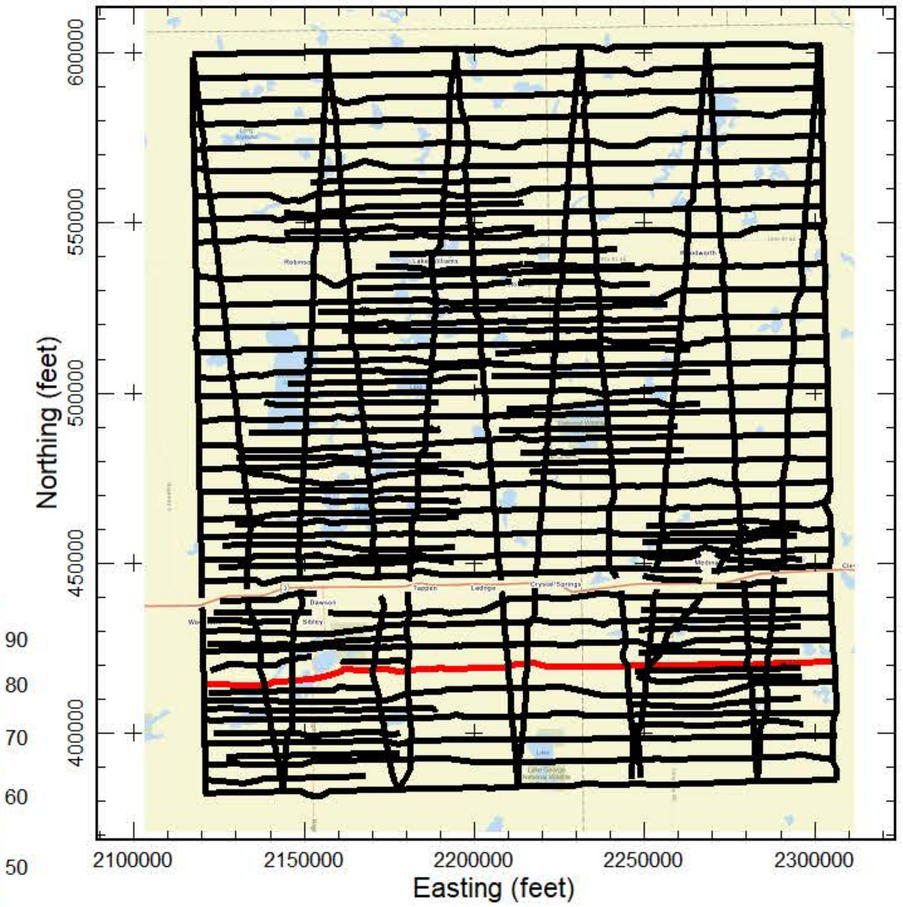
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

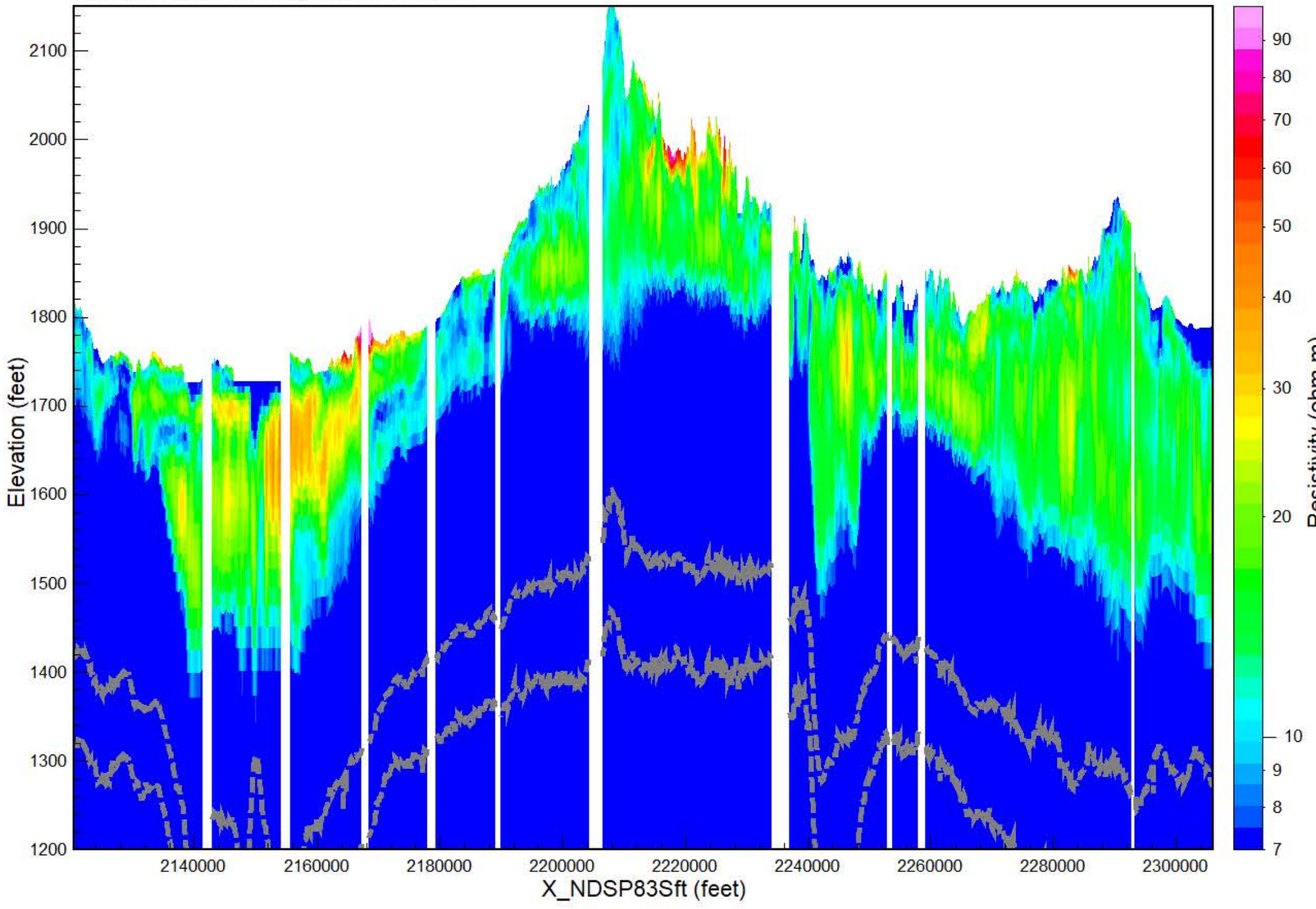
Flight Location Line L102701



AEM Survey Area 1



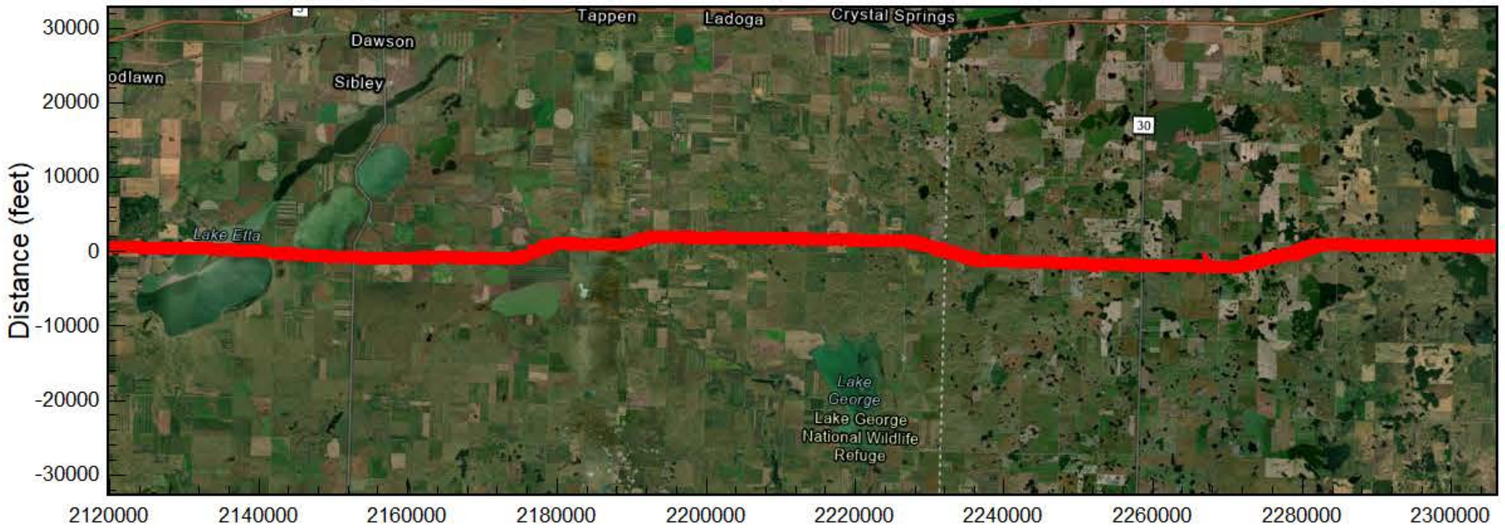
Final SCI Resistivity Line L102701



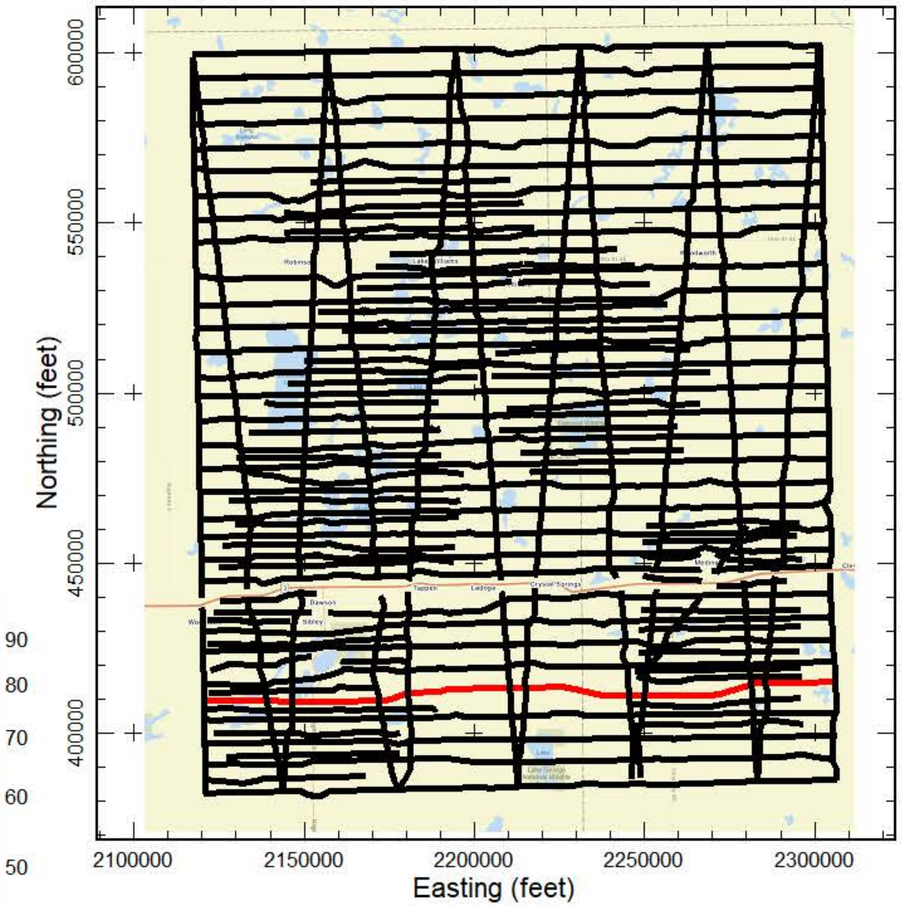
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

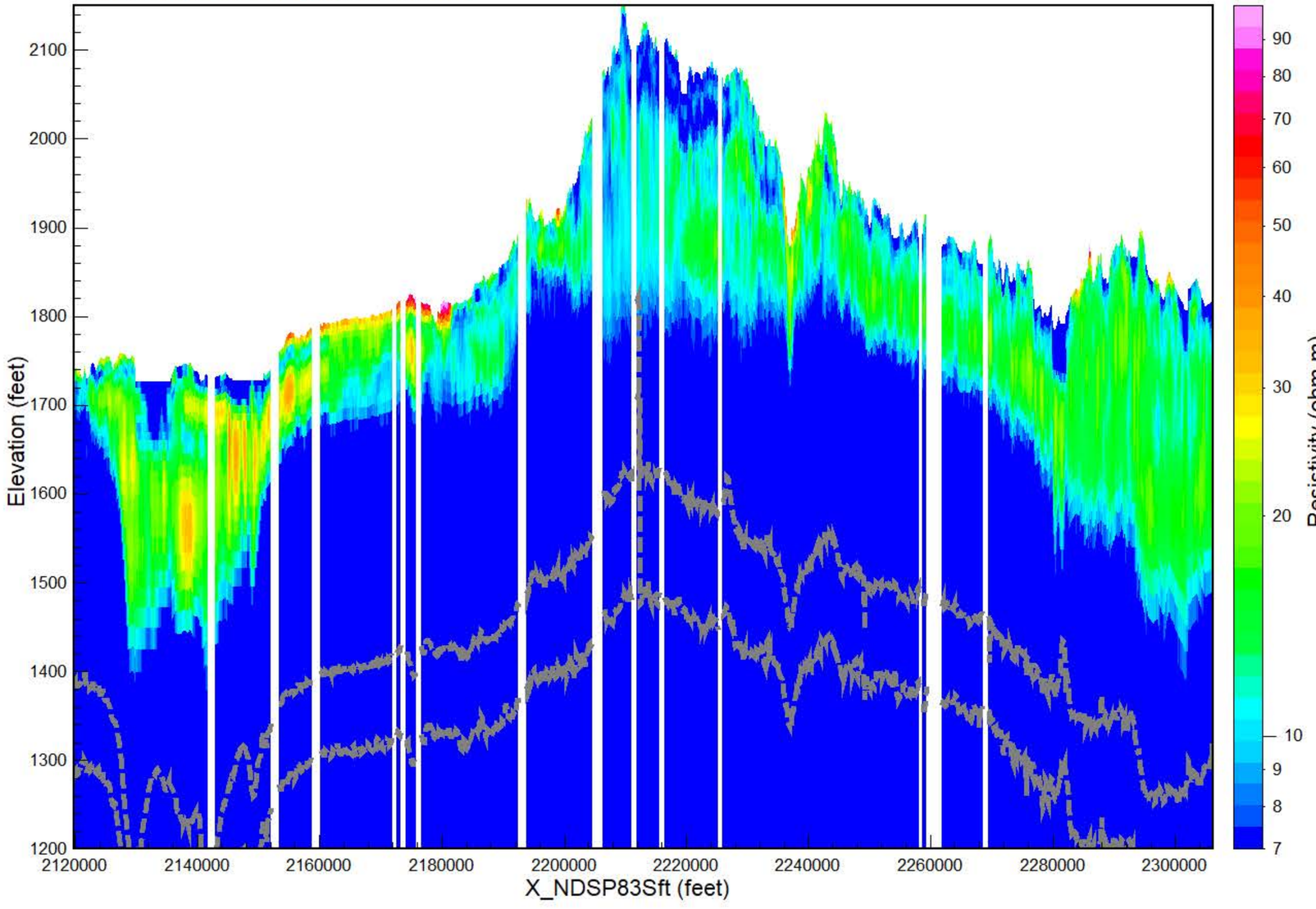
Flight Location Line L102801



AEM Survey Area 1



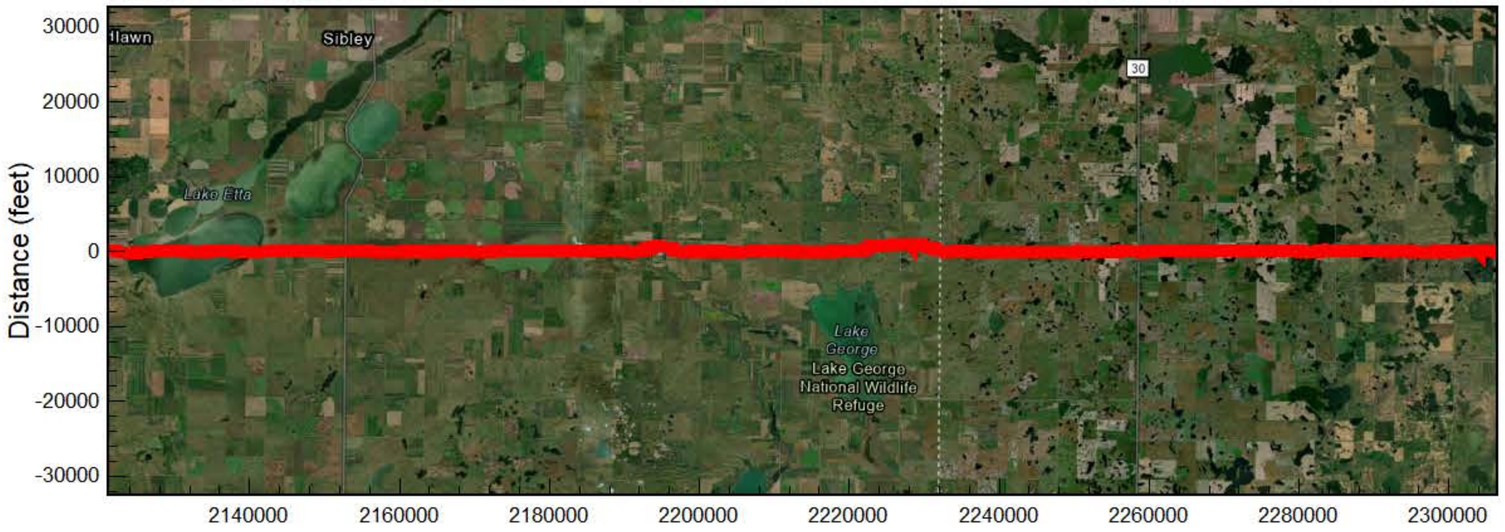
Final SCI Resistivity Line L102801



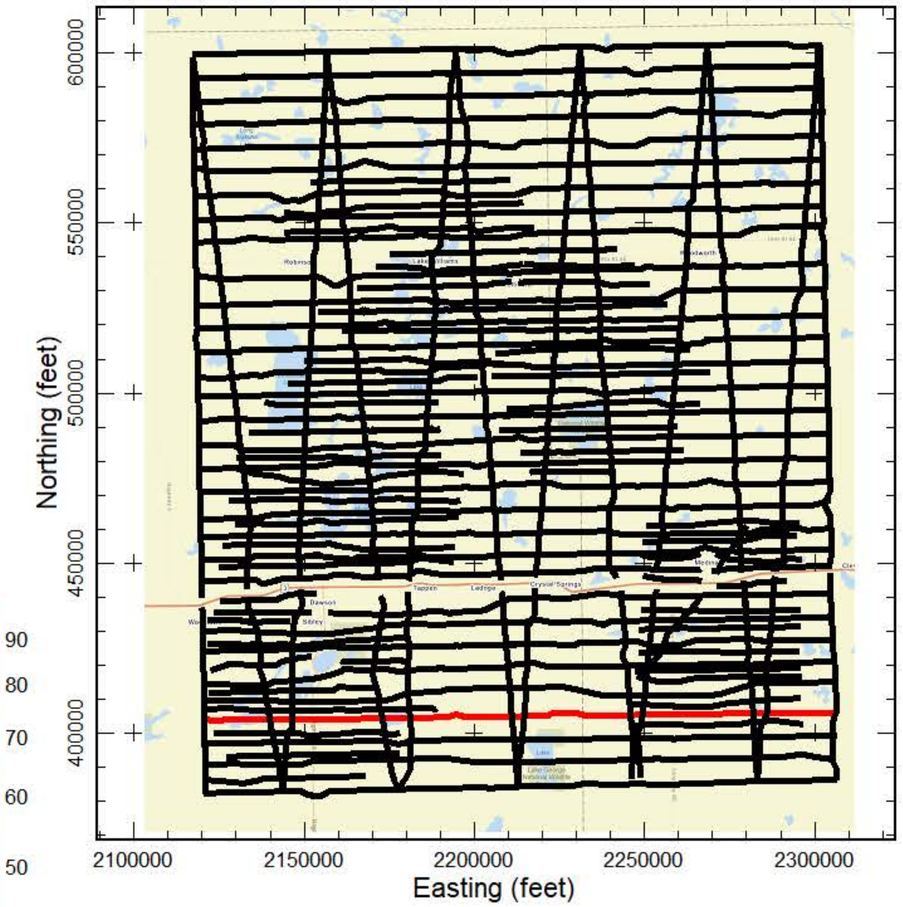
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

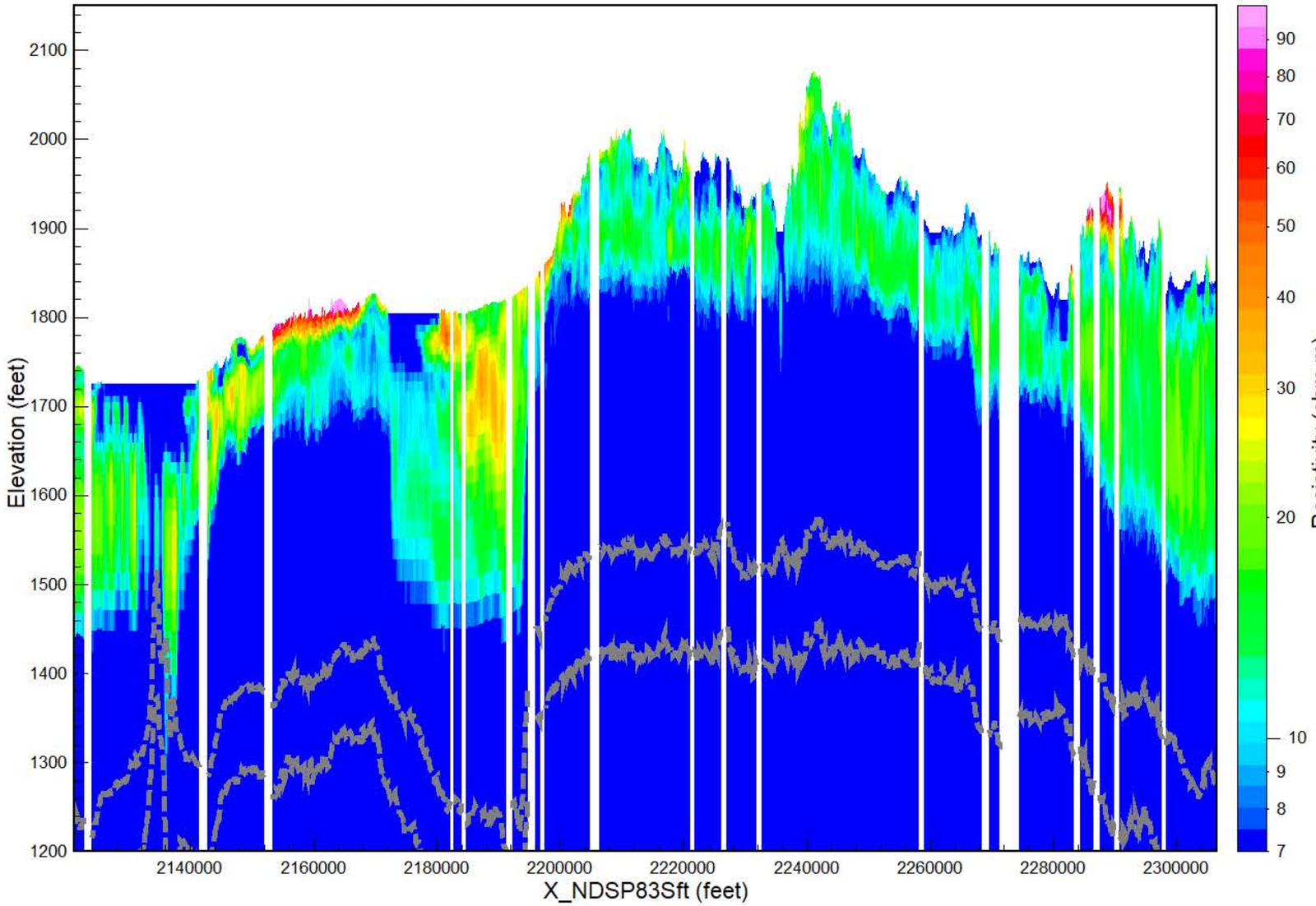
Flight Location Line L102901



AEM Survey Area 1



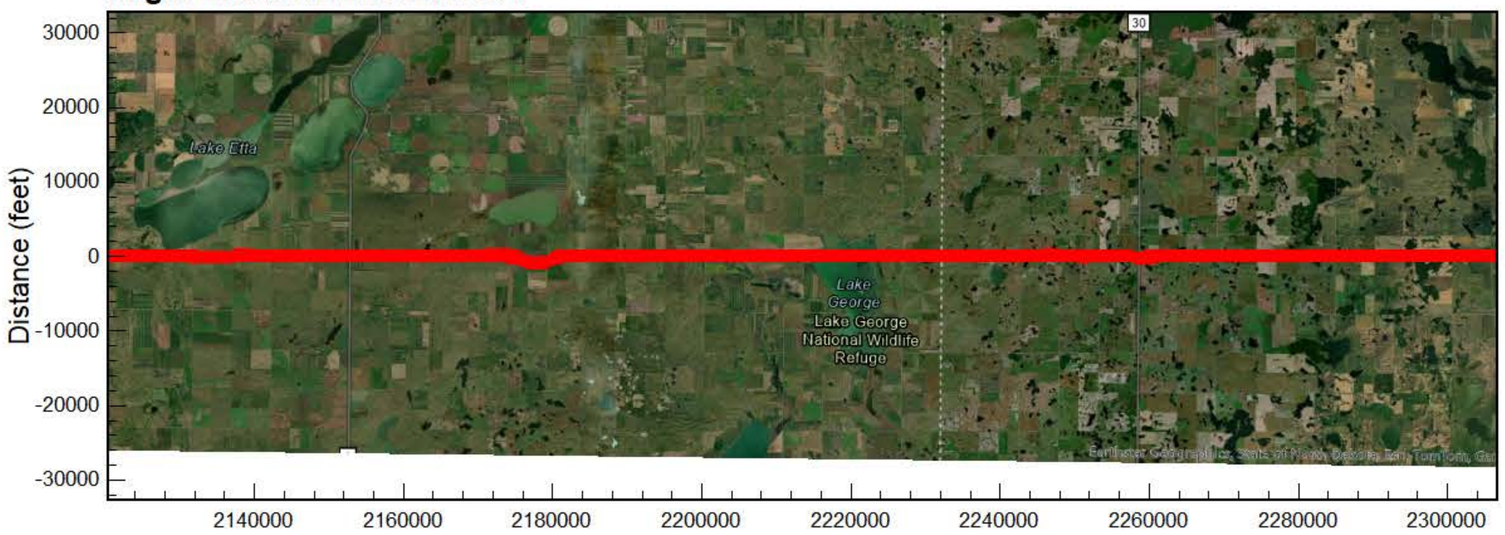
Final SCI Resistivity Line L102901



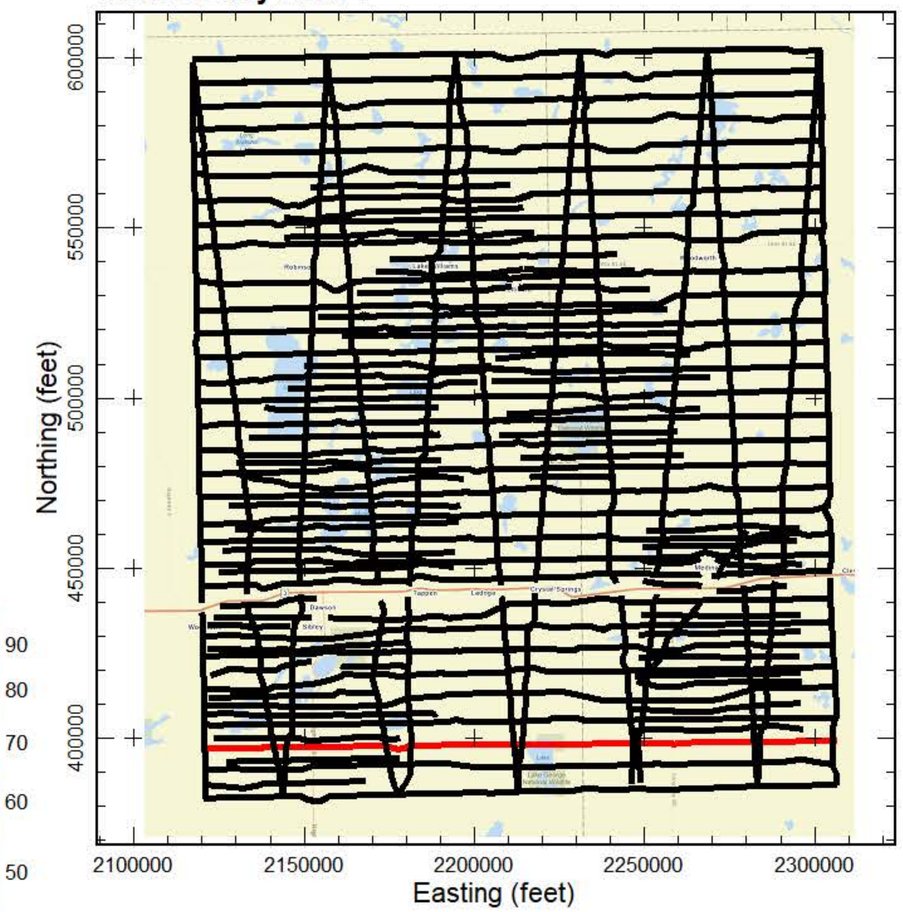
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

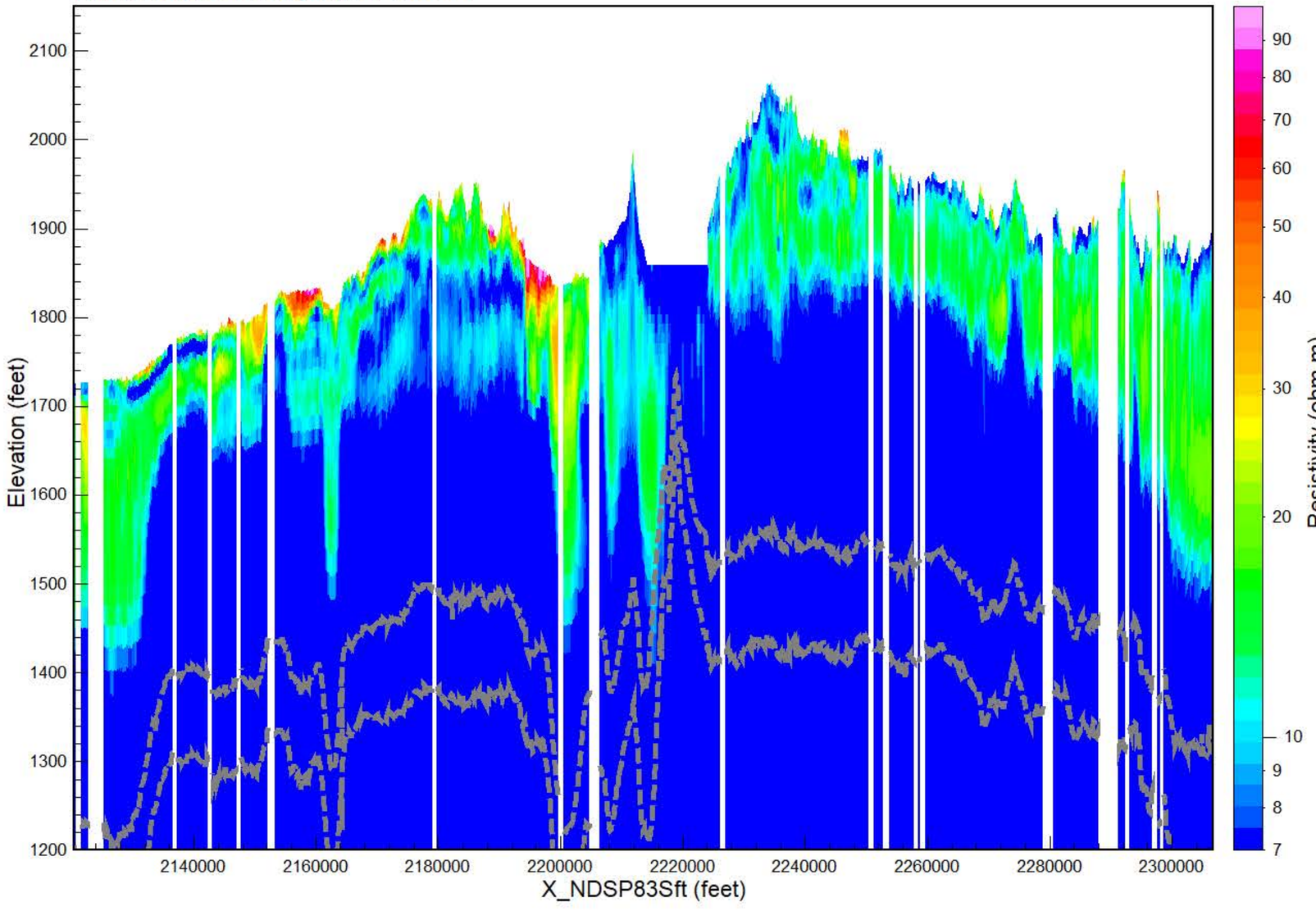
Flight Location Line L103001



AEM Survey Area 1



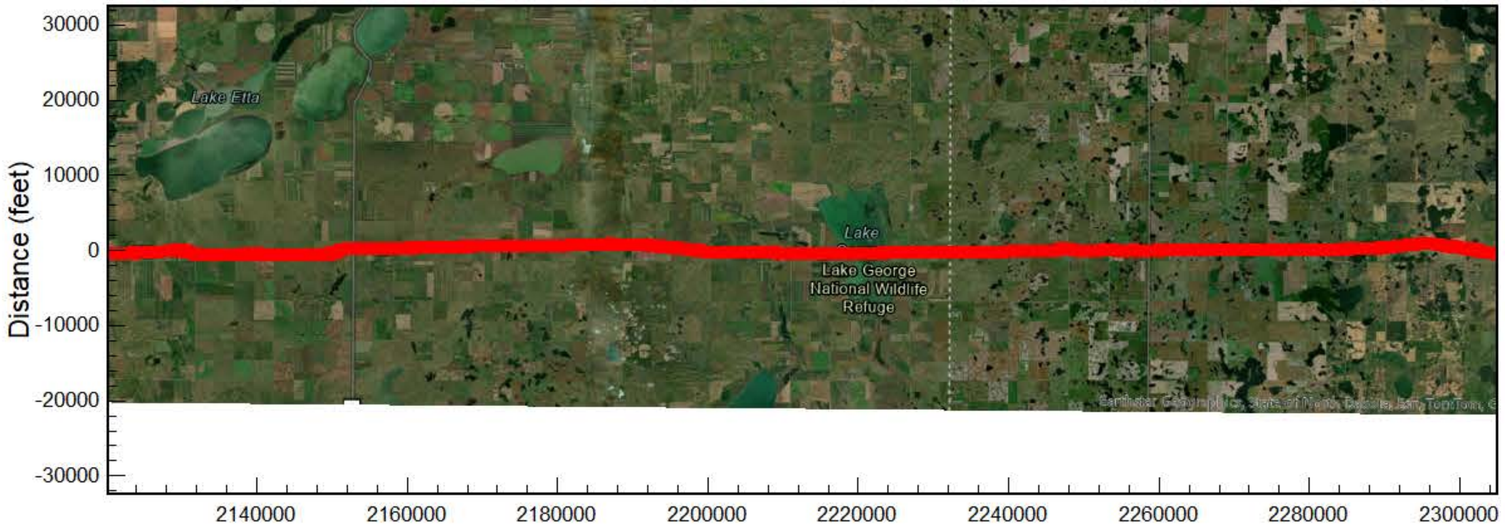
Final SCI Resistivity Line L103001



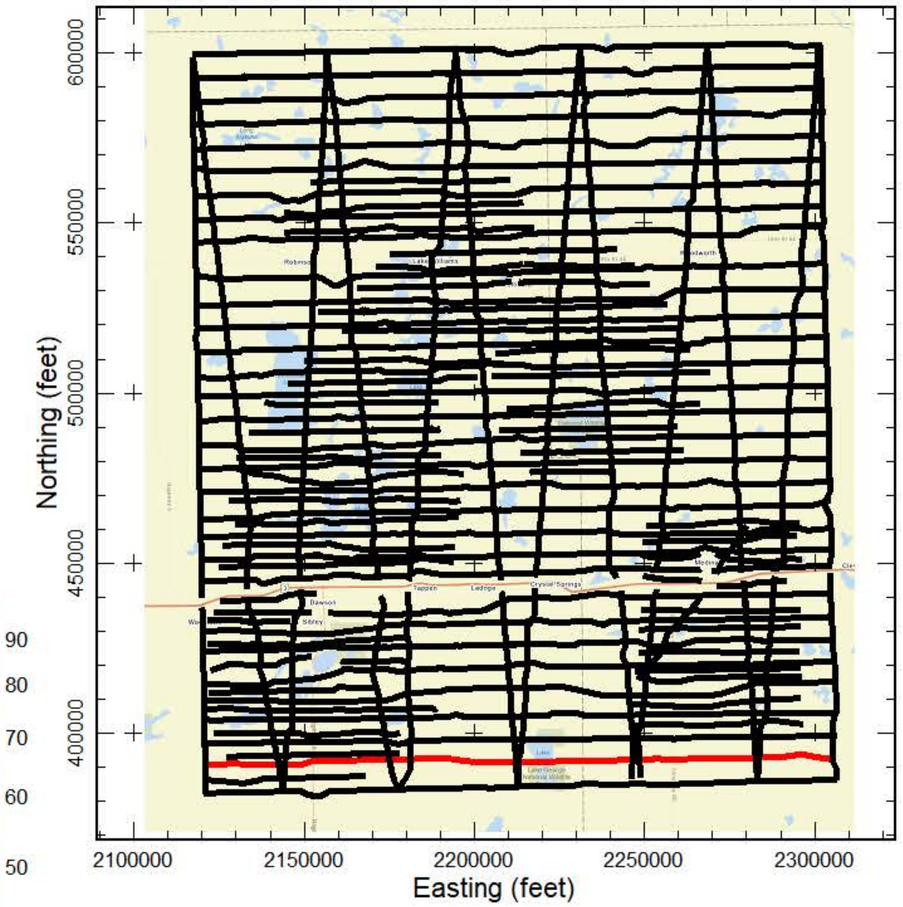
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

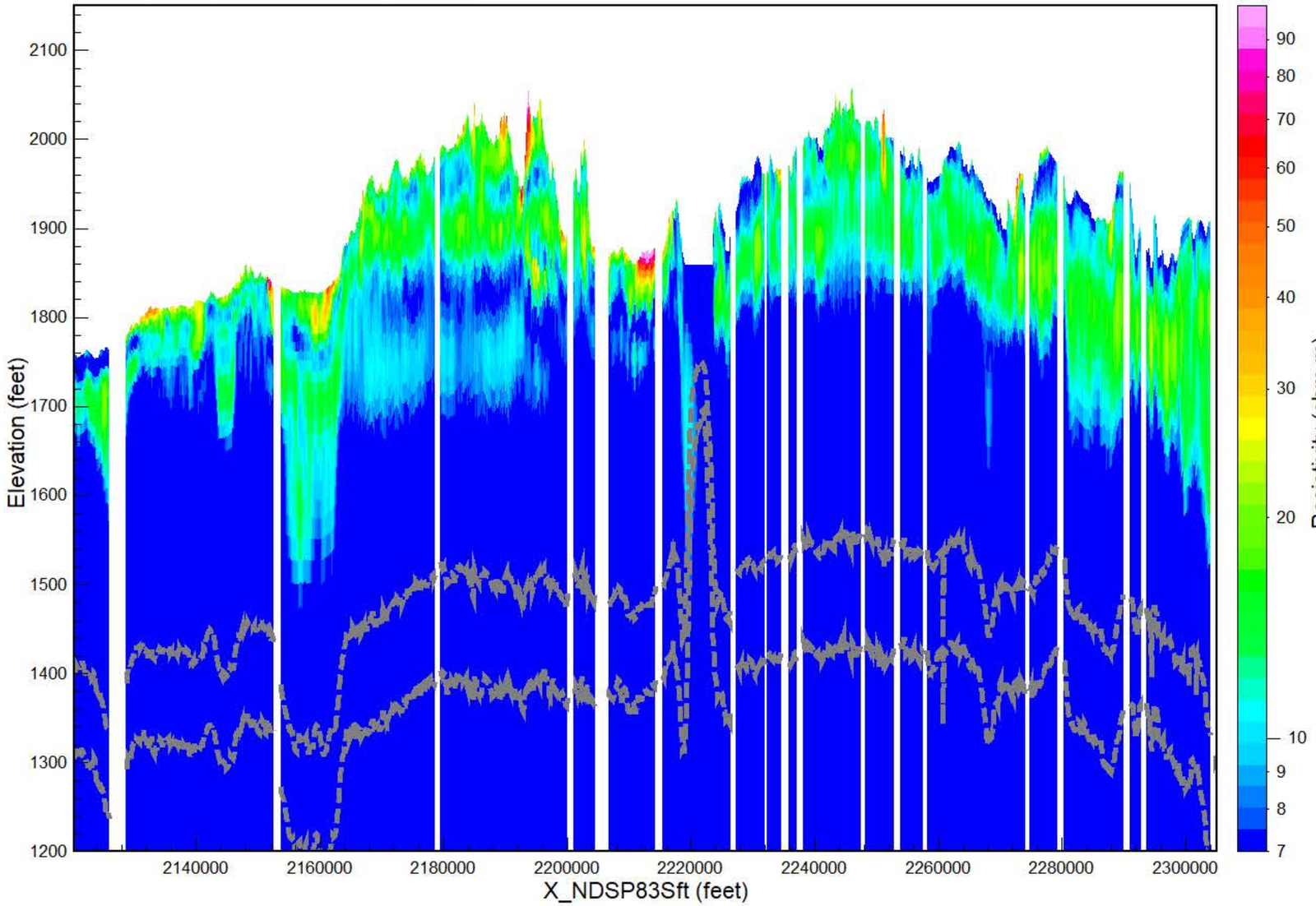
Flight Location Line L103101



AEM Survey Area 1



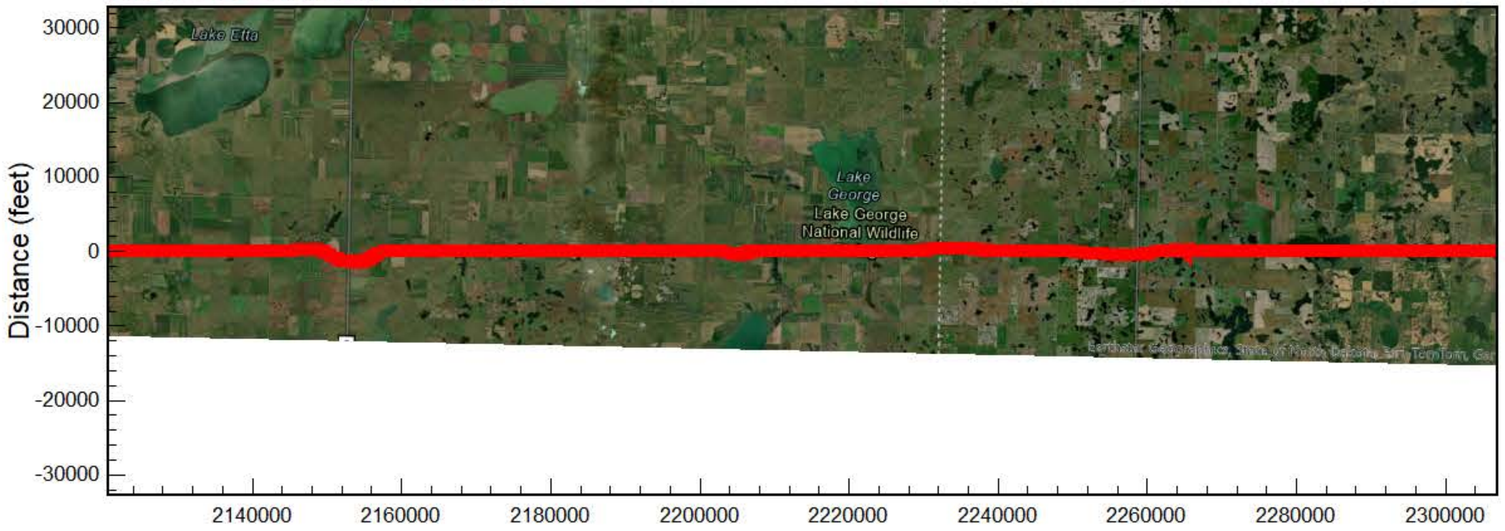
Final SCI Resistivity Line L103101



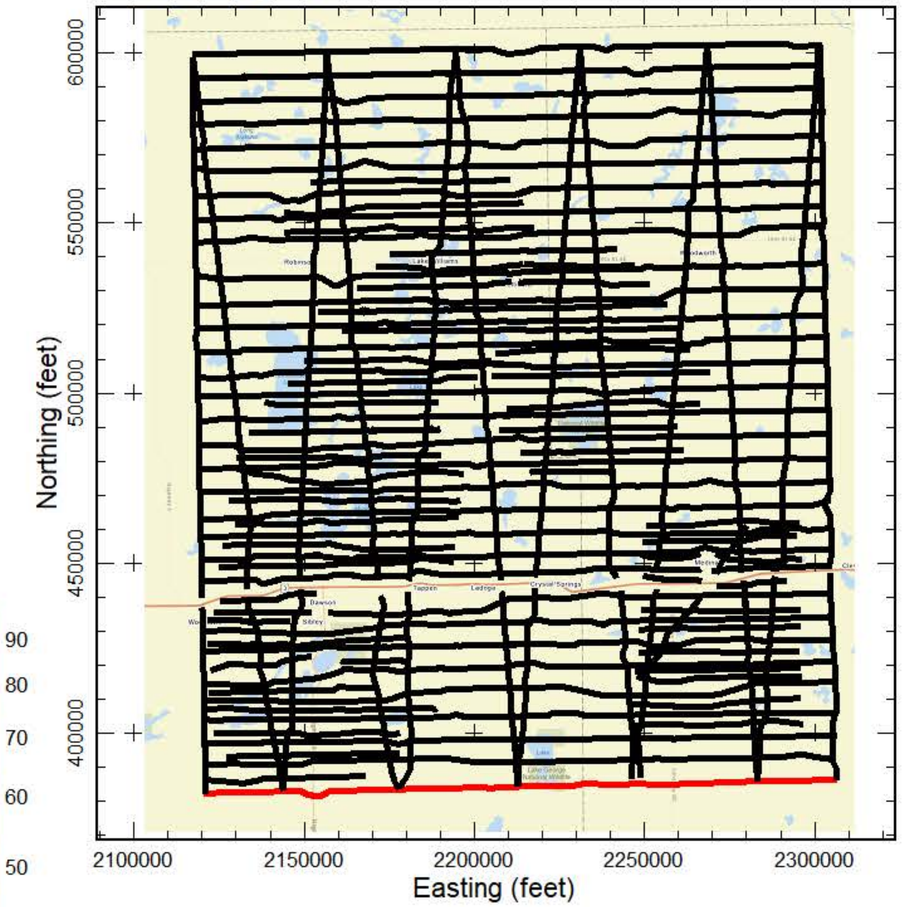
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

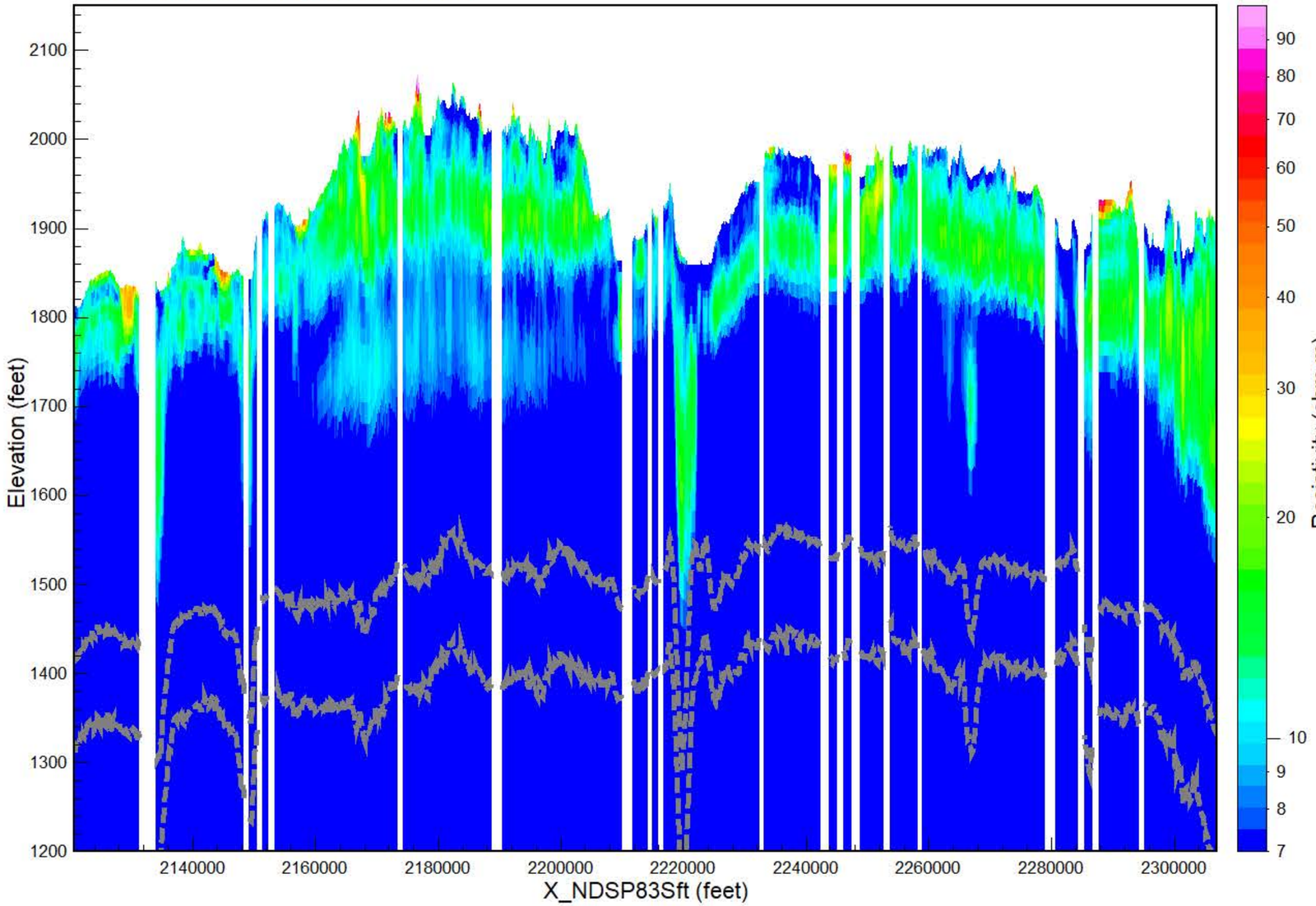
Flight Location Line L103201



AEM Survey Area 1



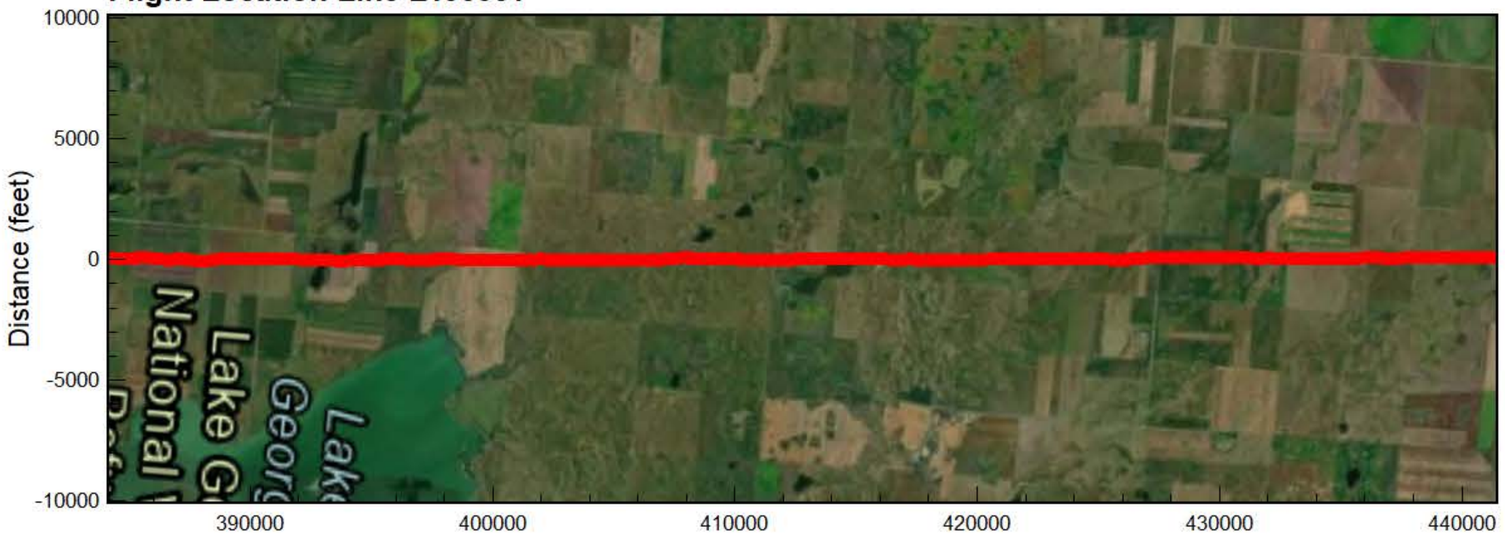
Final SCI Resistivity Line L103201



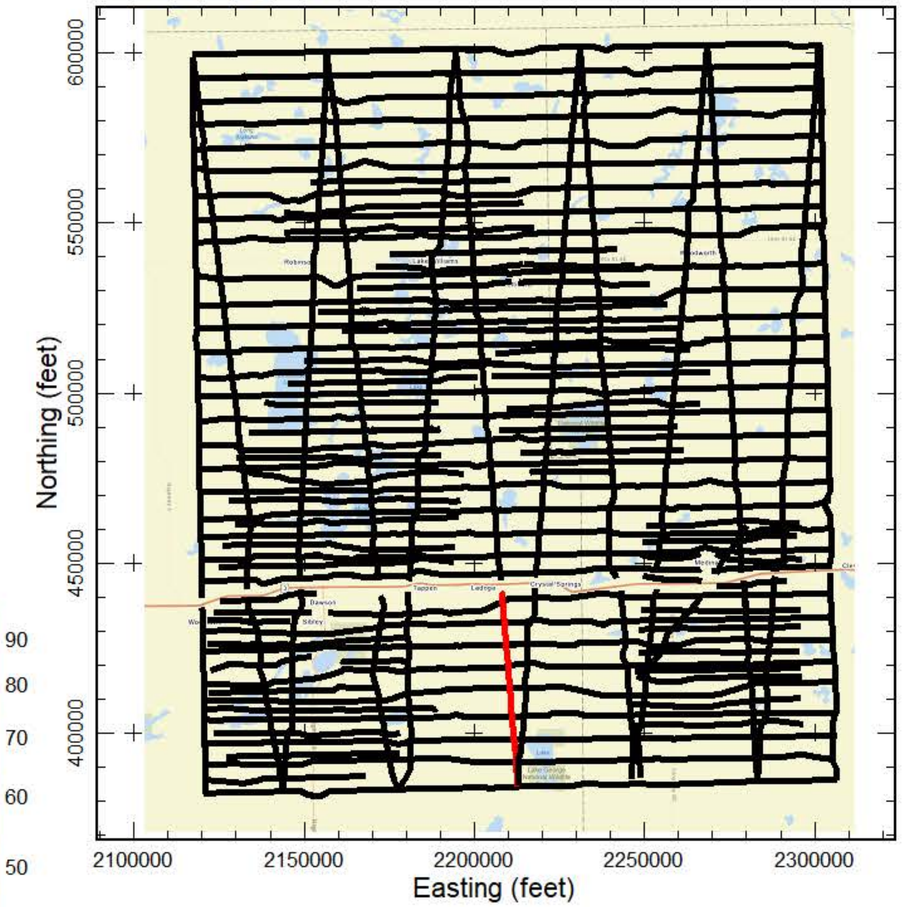
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

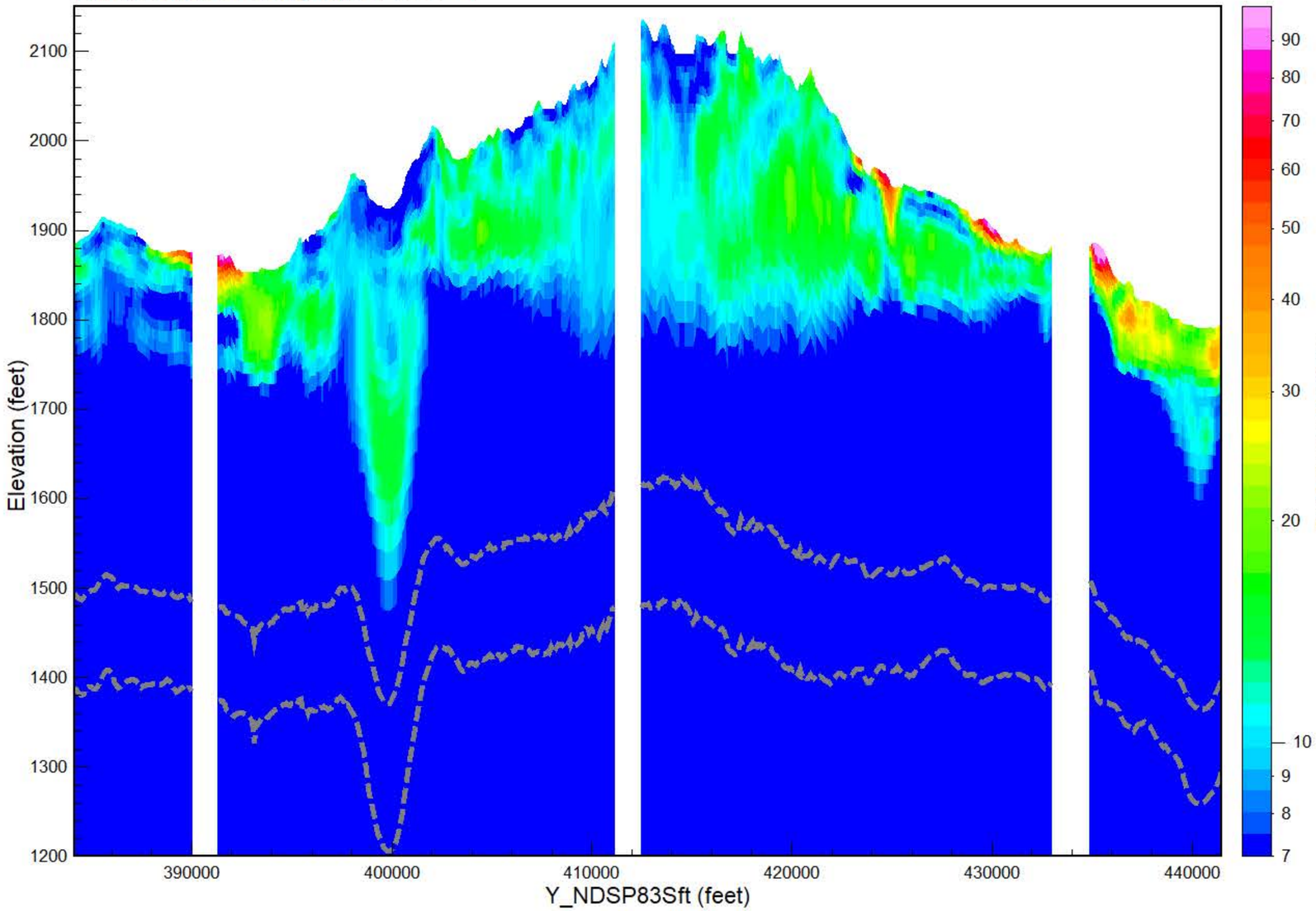
Flight Location Line L190061



AEM Survey Area 1



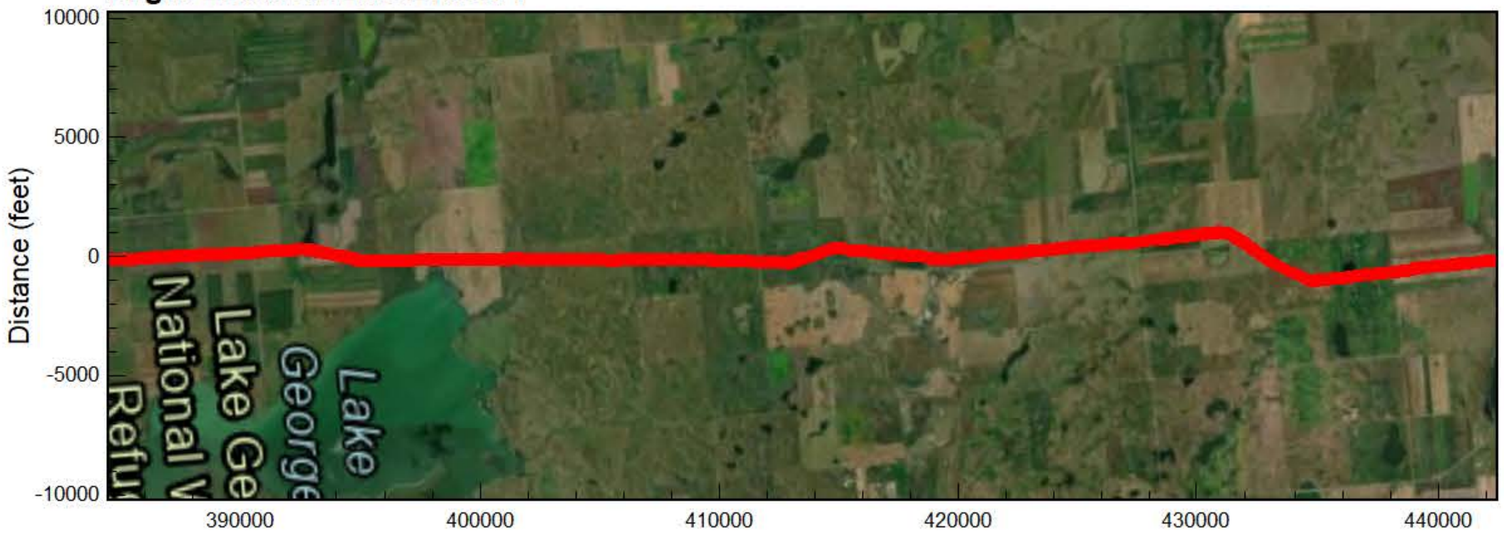
Final SCI Resistivity Line L190061



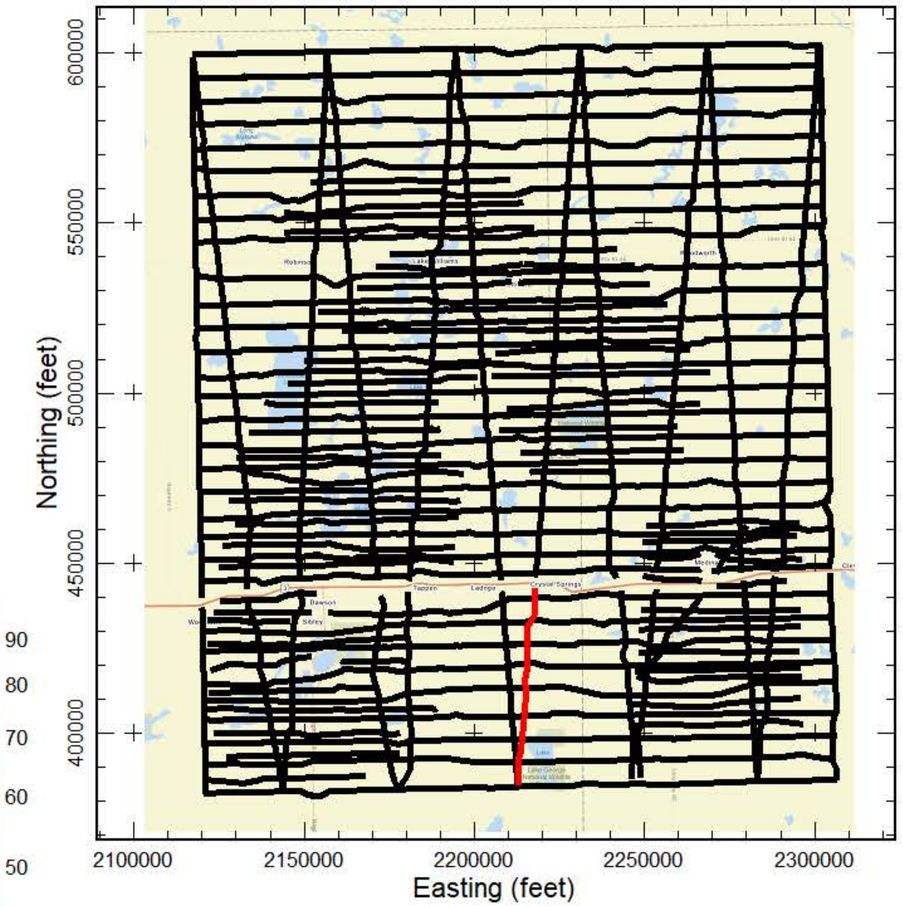
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

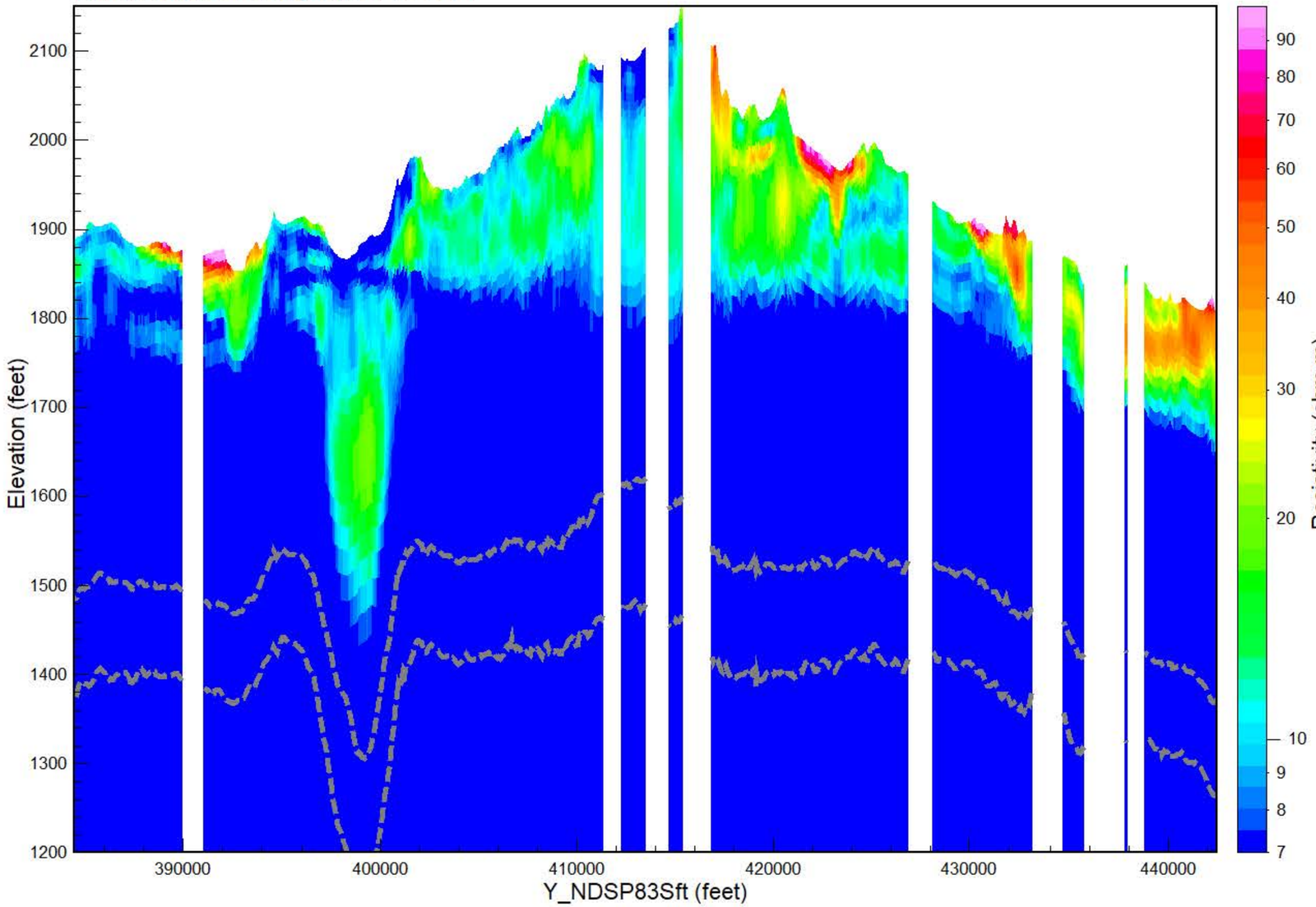
Flight Location Line L190071



AEM Survey Area 1



Final SCI Resistivity Line L190071



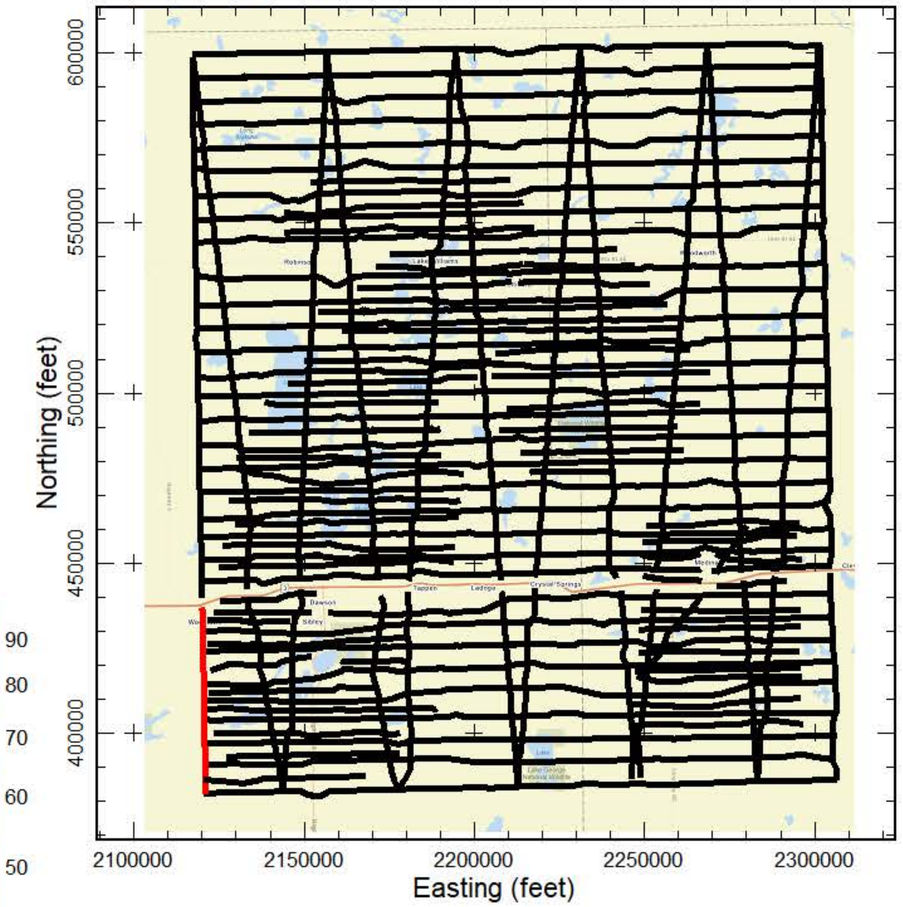
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

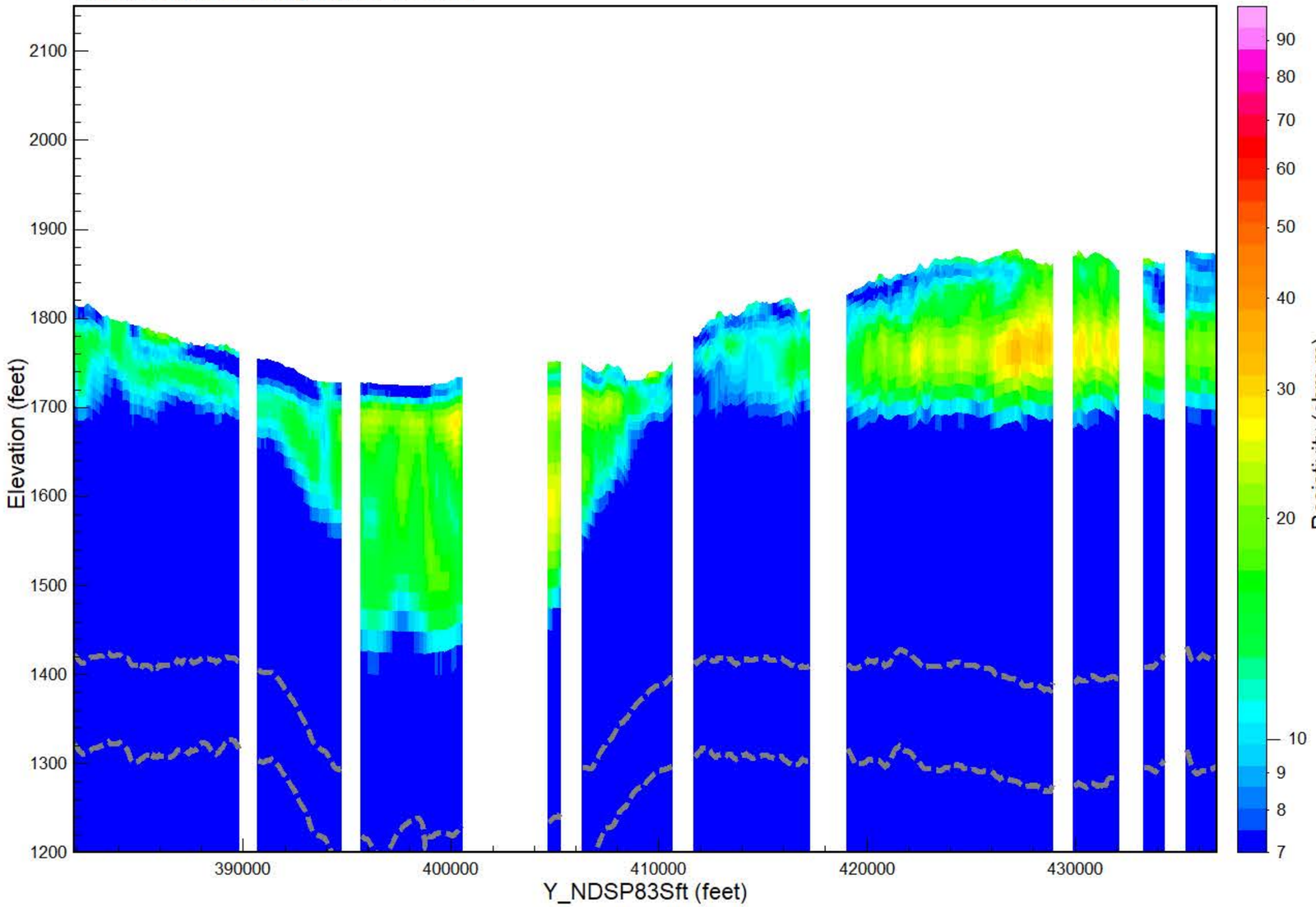
Flight Location Line L190101



AEM Survey Area 1



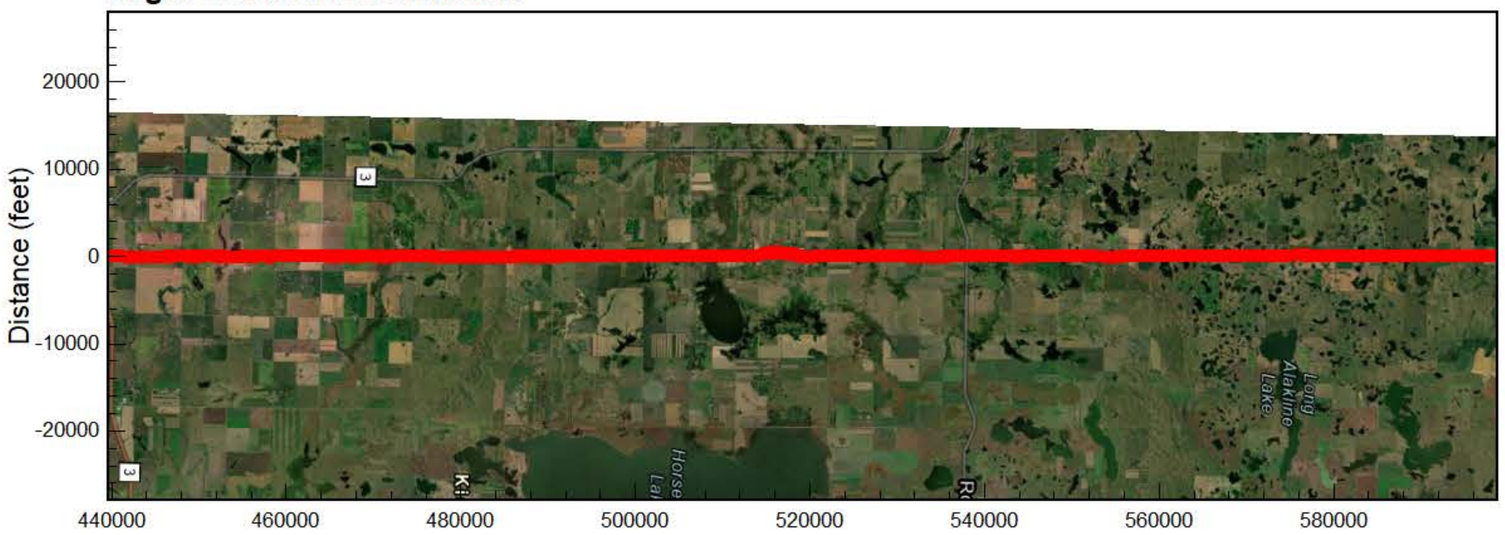
Final SCI Resistivity Line L190101



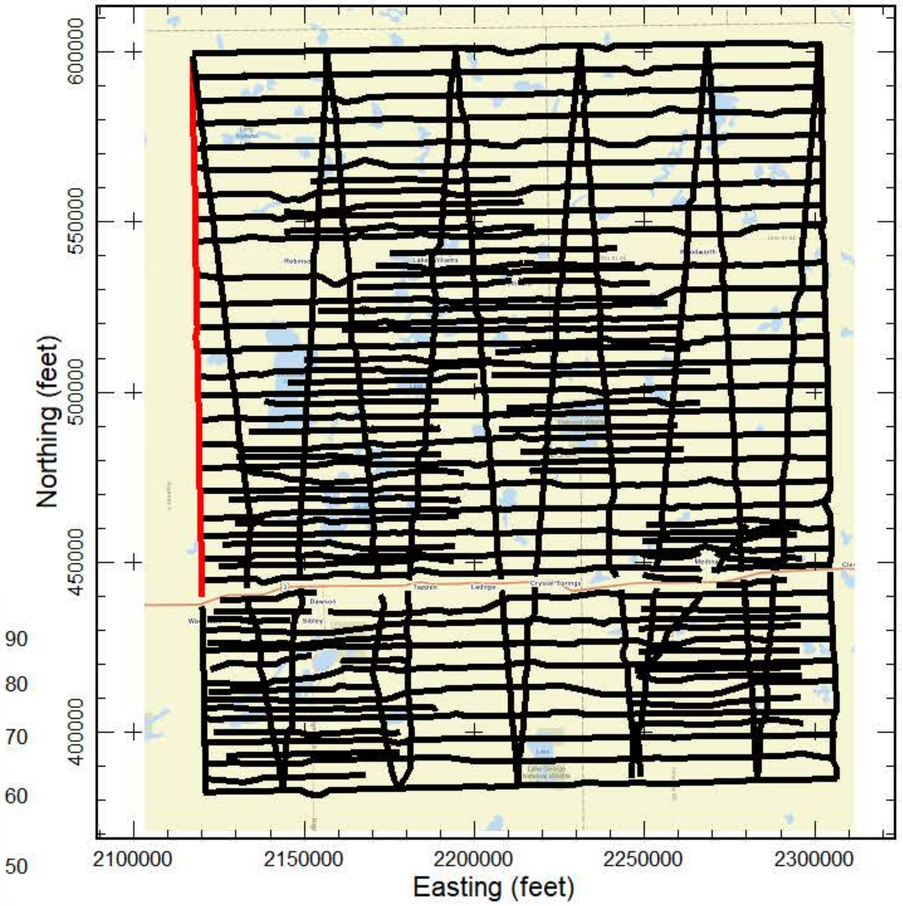
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

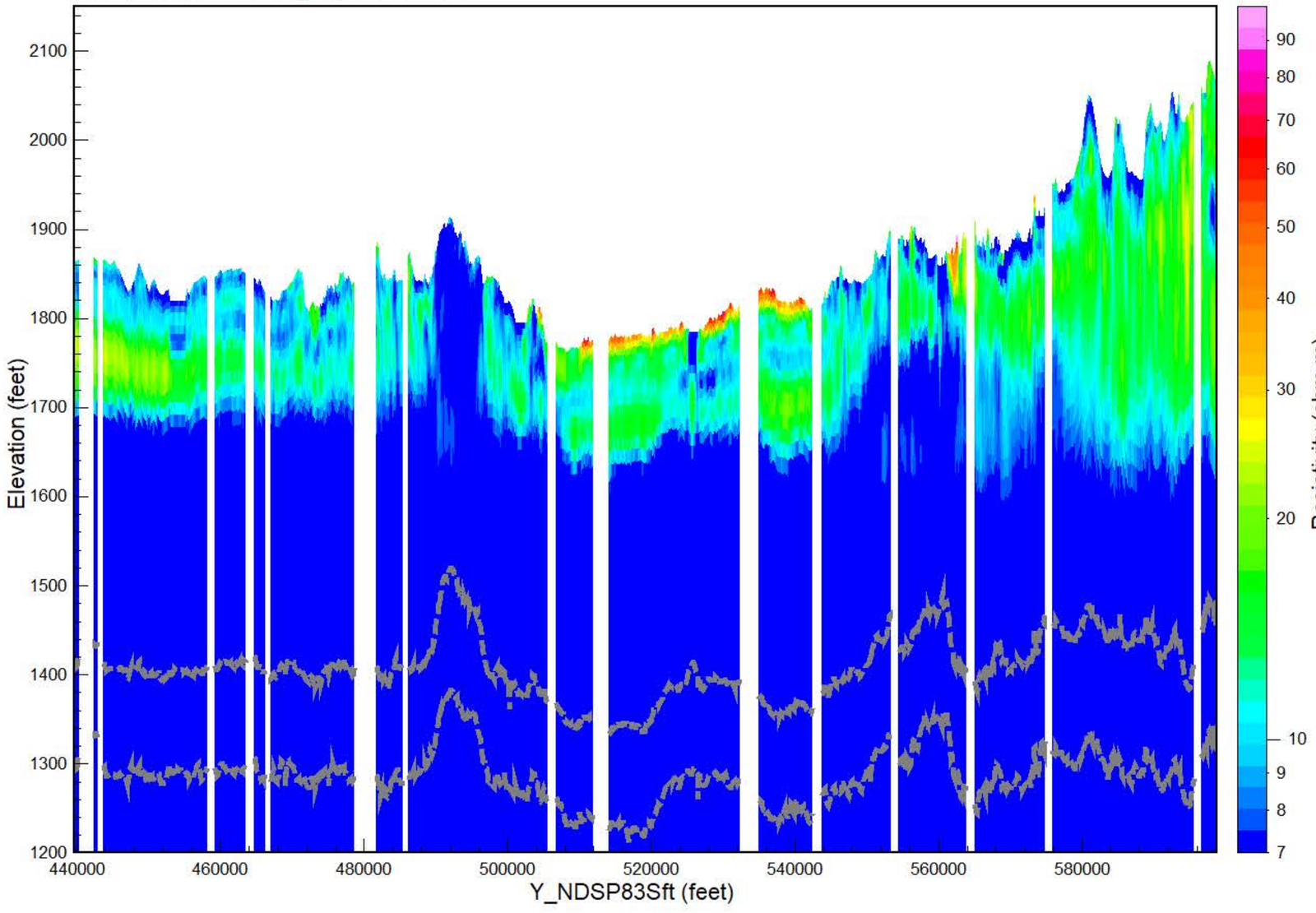
Flight Location Line L190102



AEM Survey Area 1



Final SCI Resistivity Line L190102



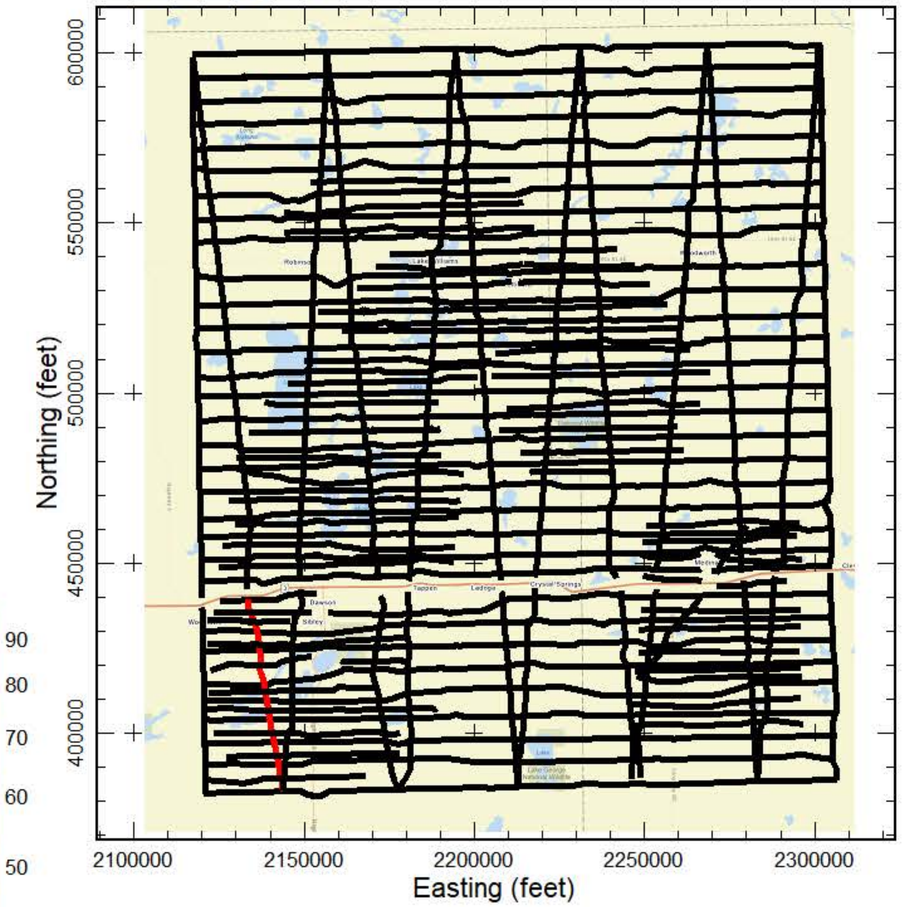
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

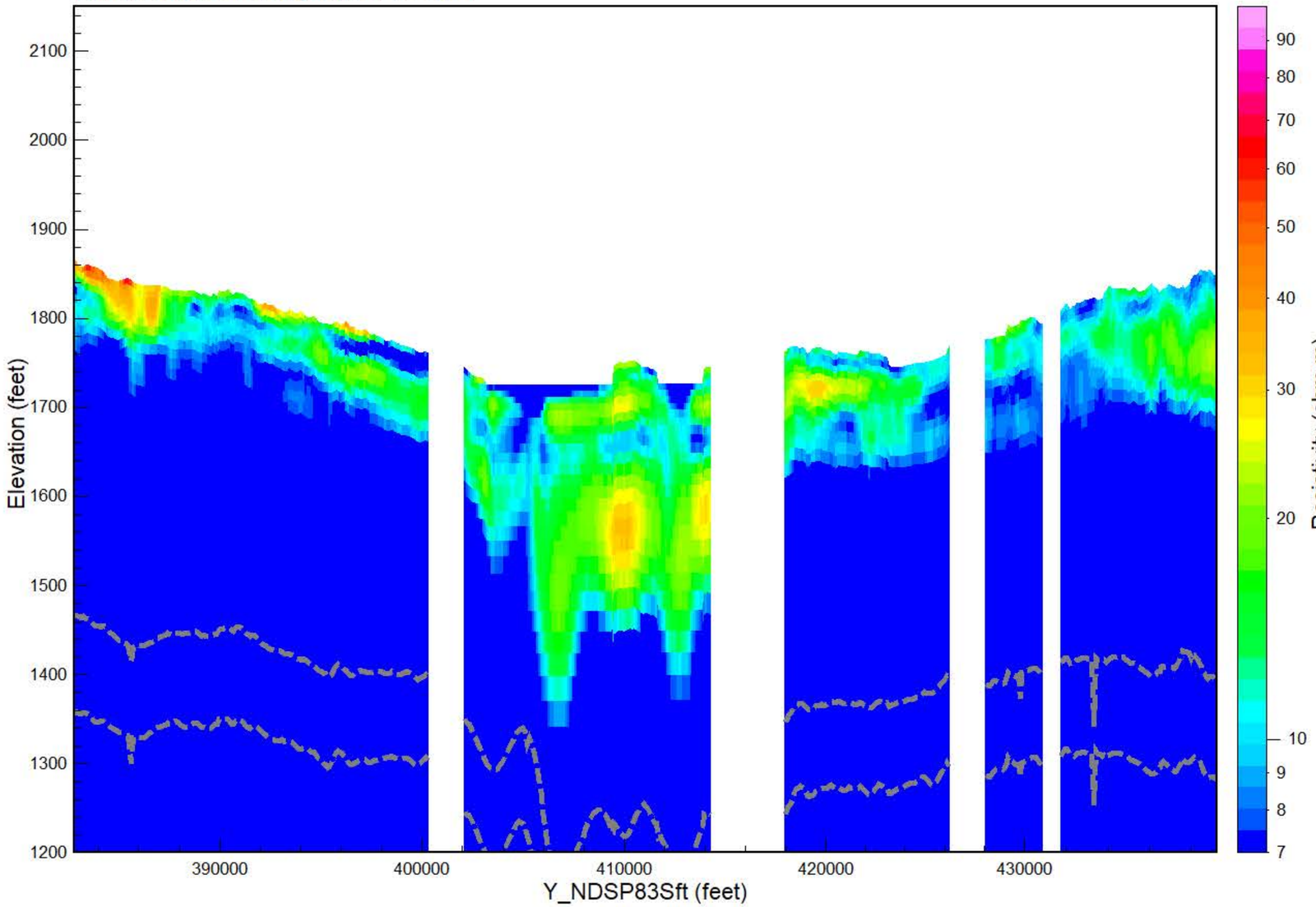
Flight Location Line L190201



AEM Survey Area 1



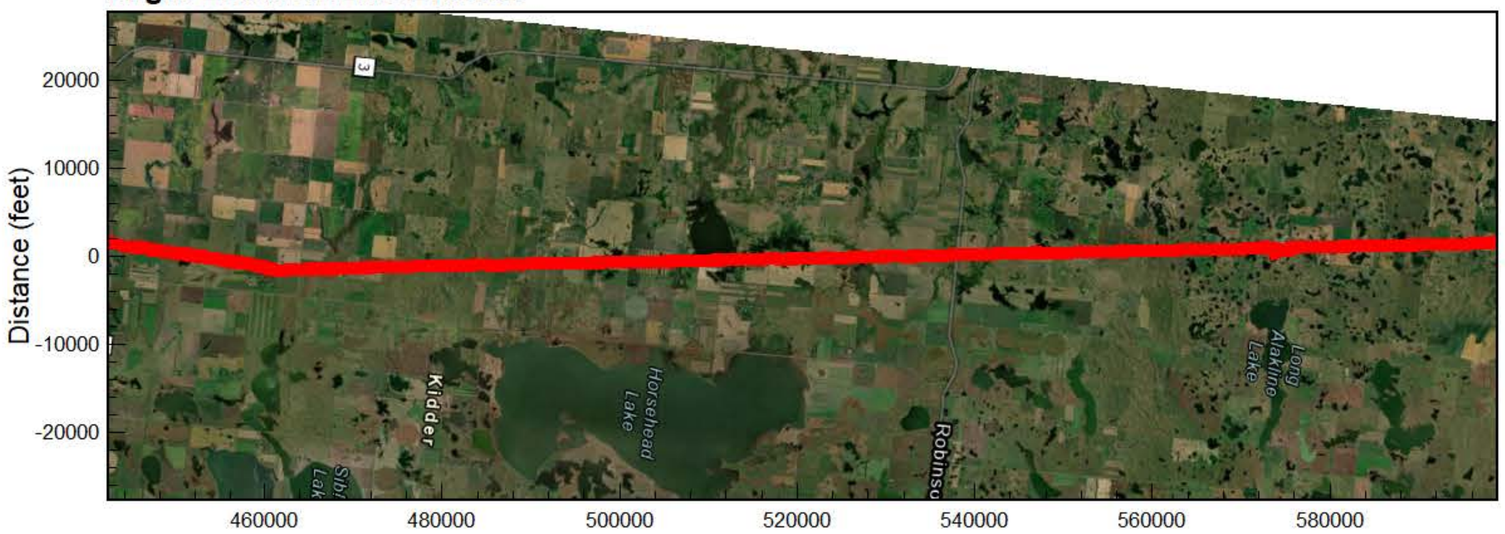
Final SCI Resistivity Line L190201



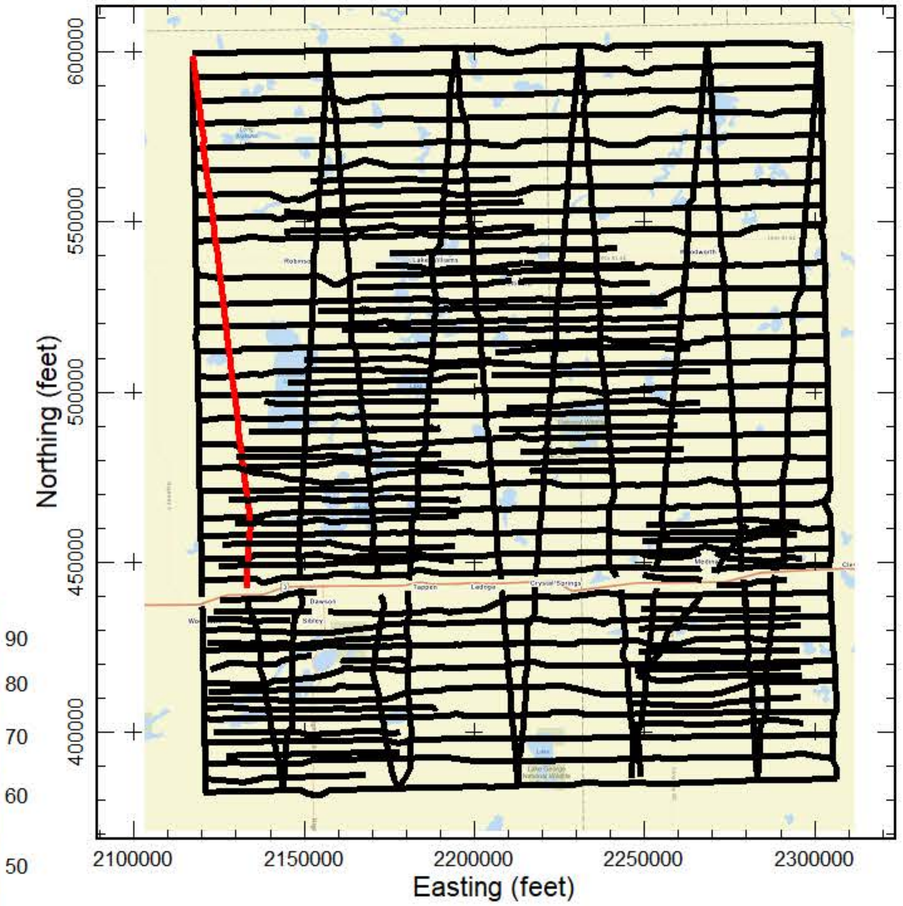
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

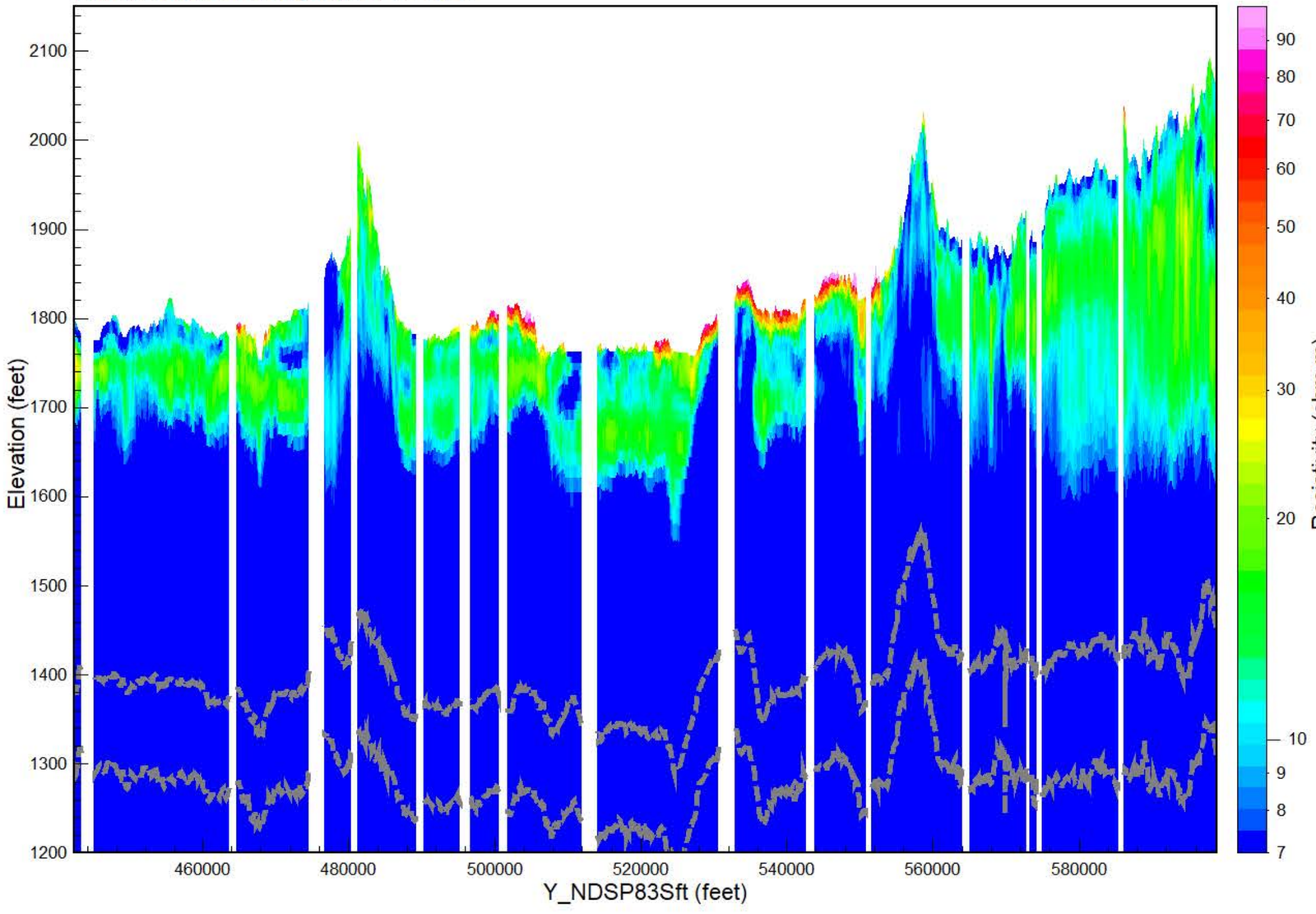
Flight Location Line L190202



AEM Survey Area 1



Final SCI Resistivity Line L190202



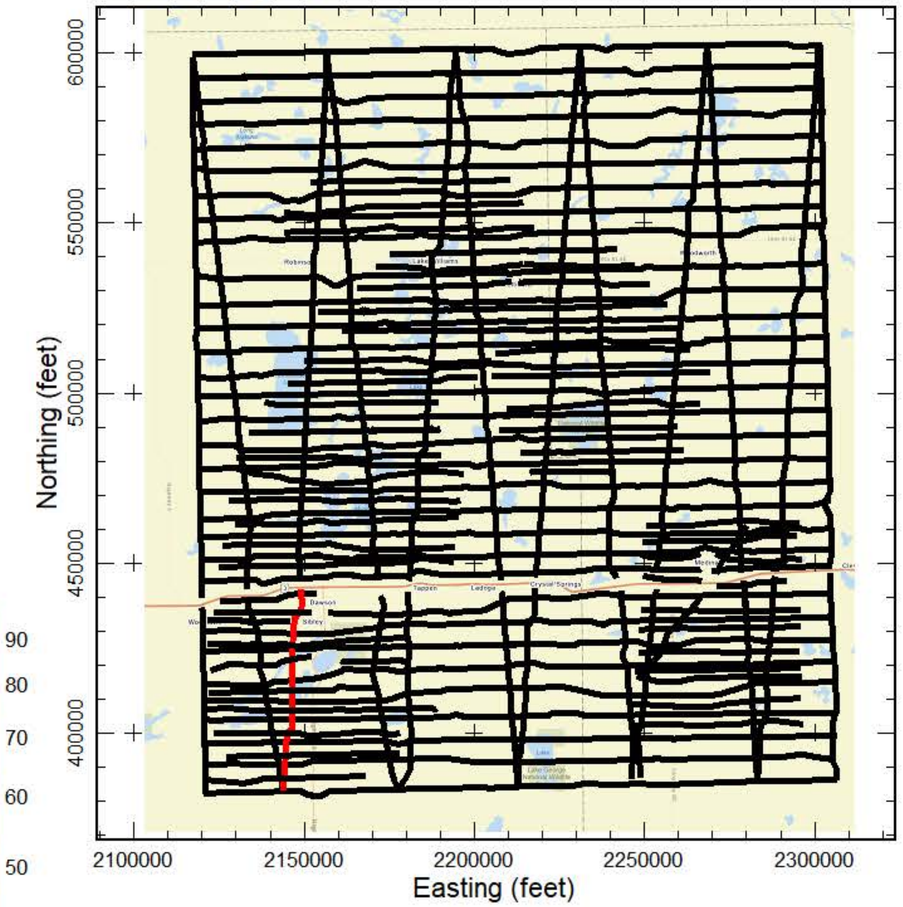
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

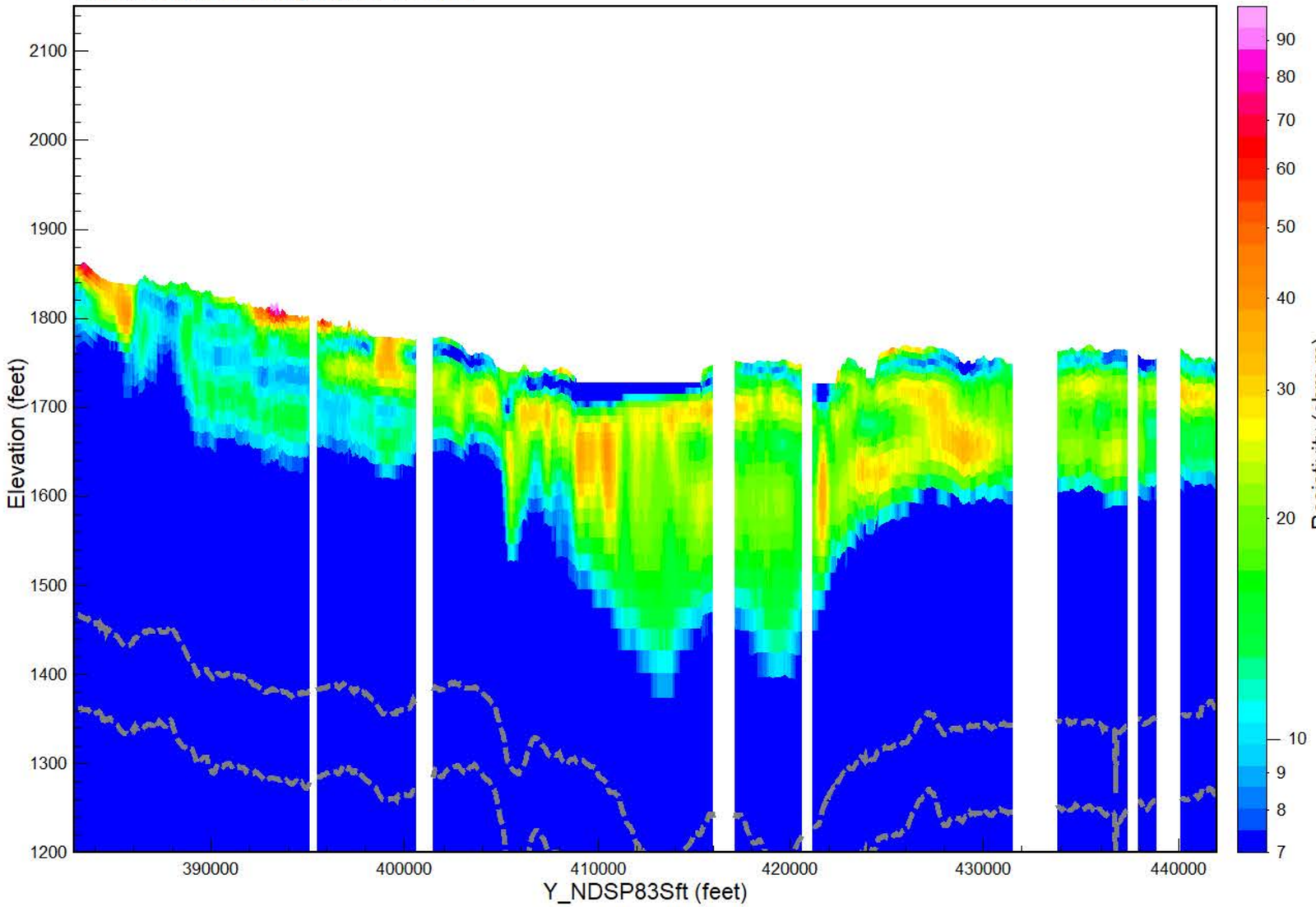
Flight Location Line L190301



AEM Survey Area 1



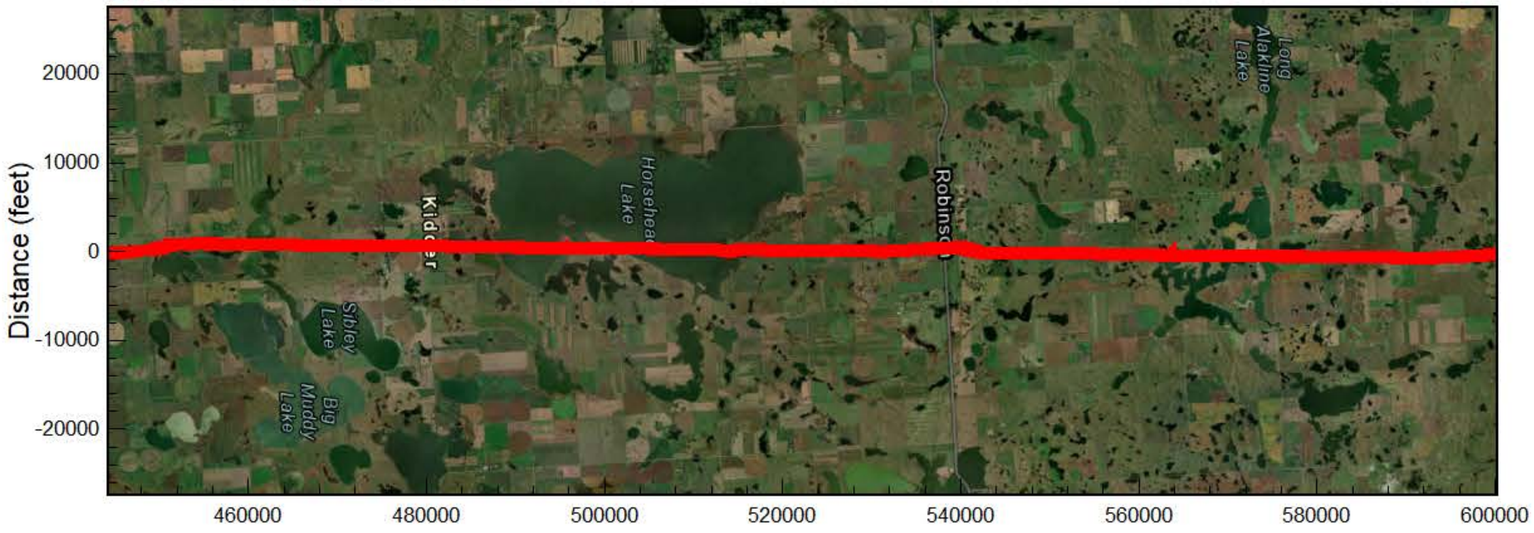
Final SCI Resistivity Line L190301



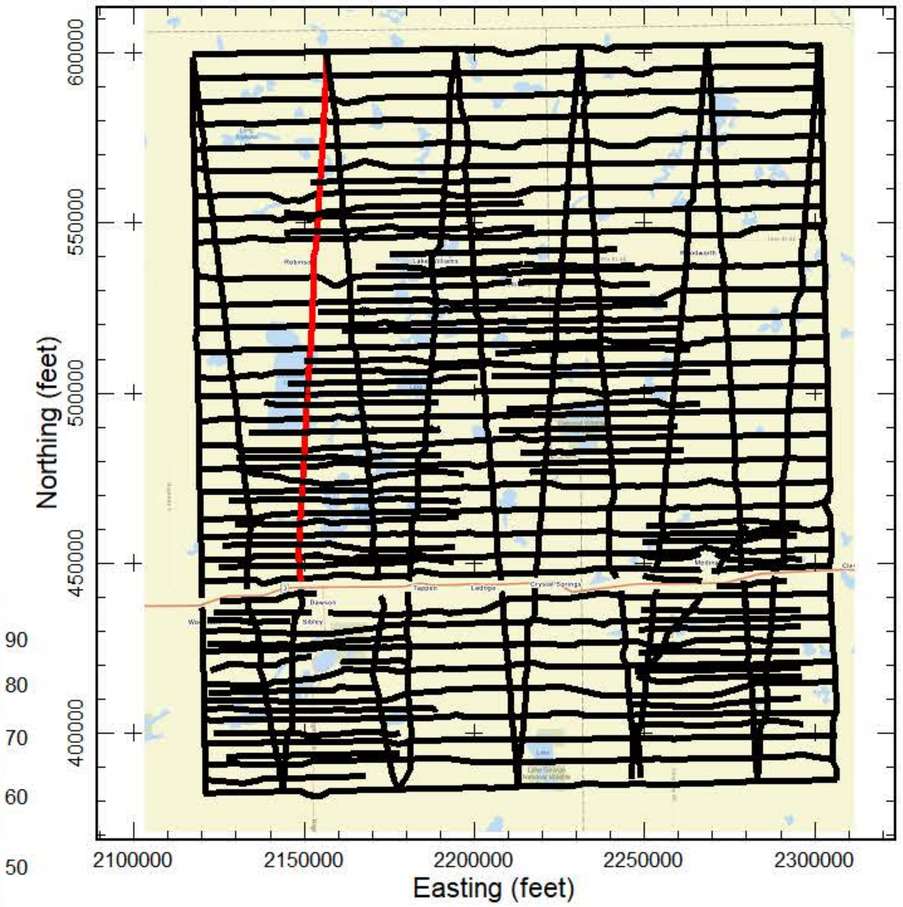
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

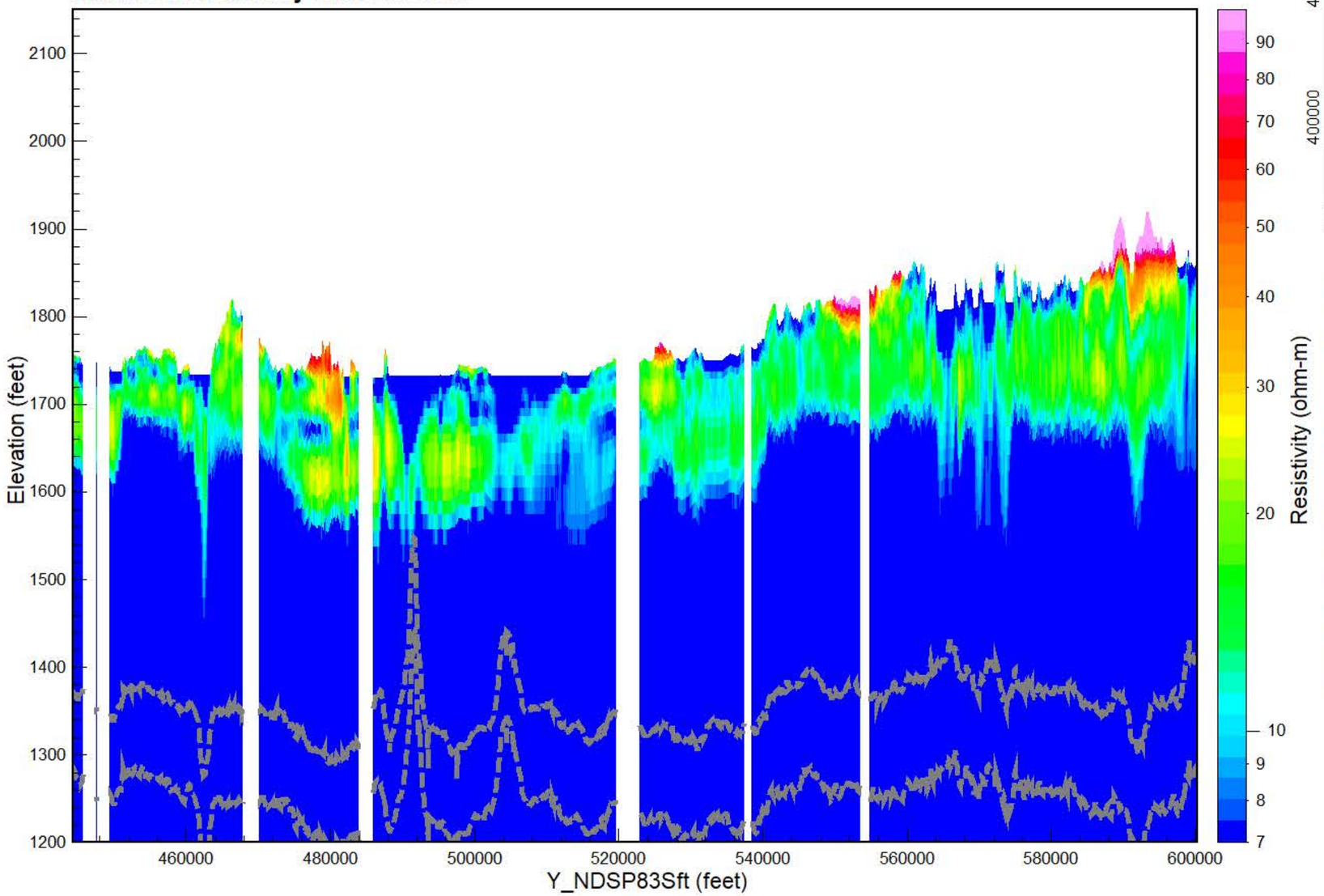
Flight Location Line L190302



AEM Survey Area 1



Final SCI Resistivity Line L190302



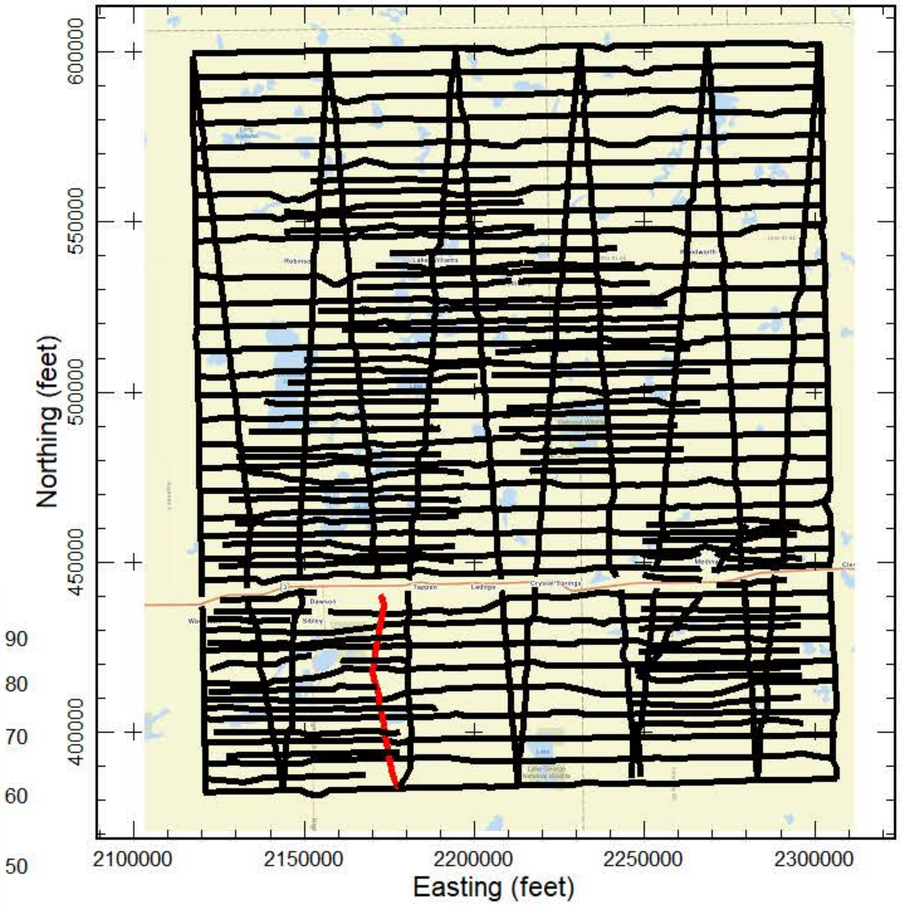
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

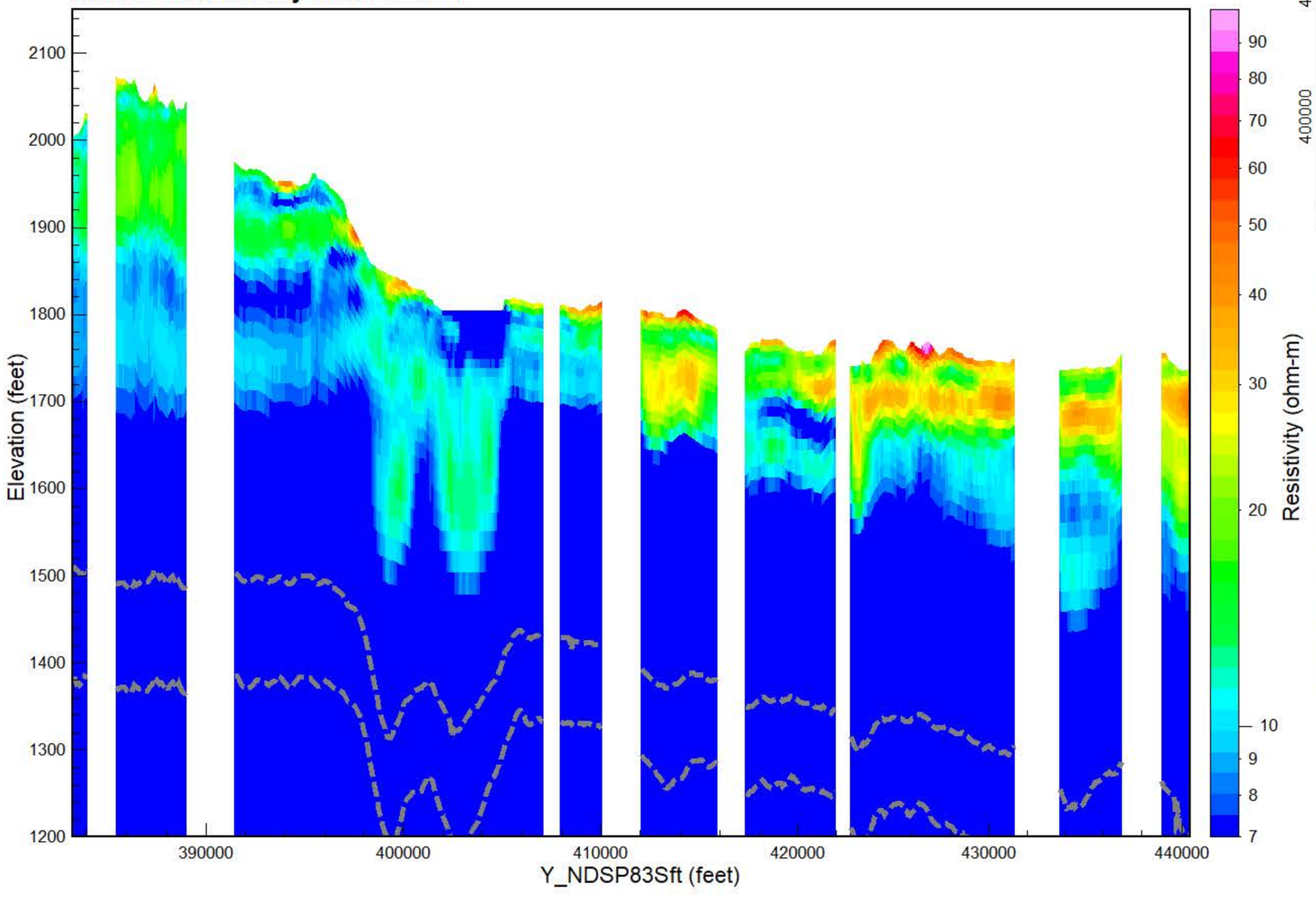
Flight Location Line L190401



AEM Survey Area 1



Final SCI Resistivity Line L190401



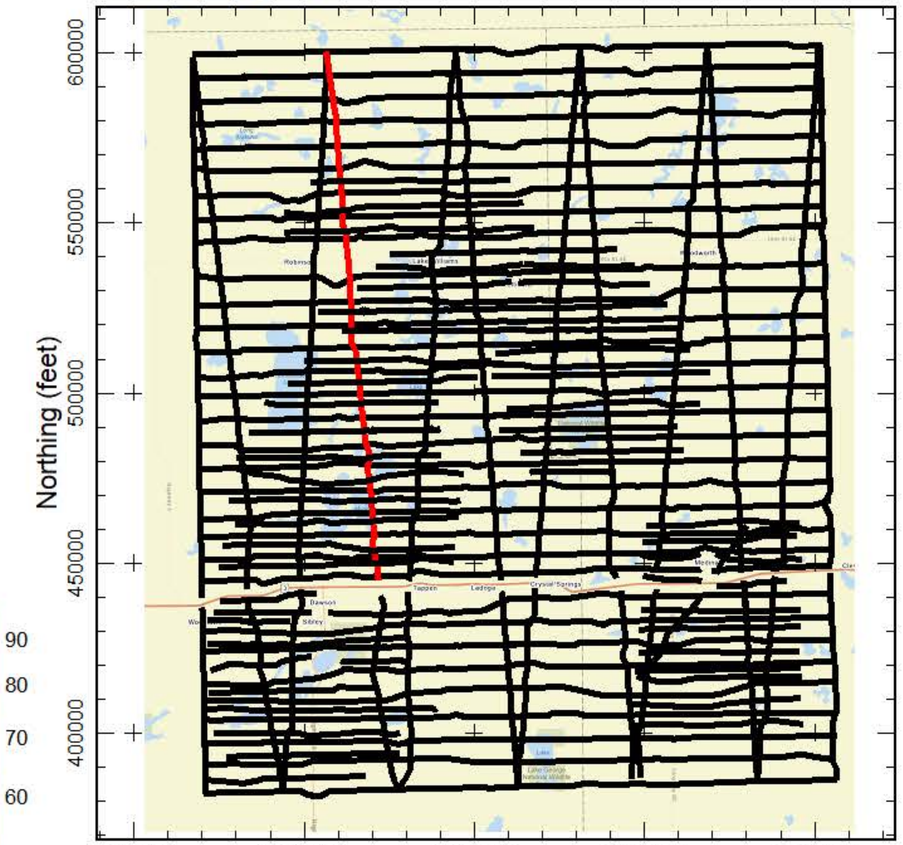
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

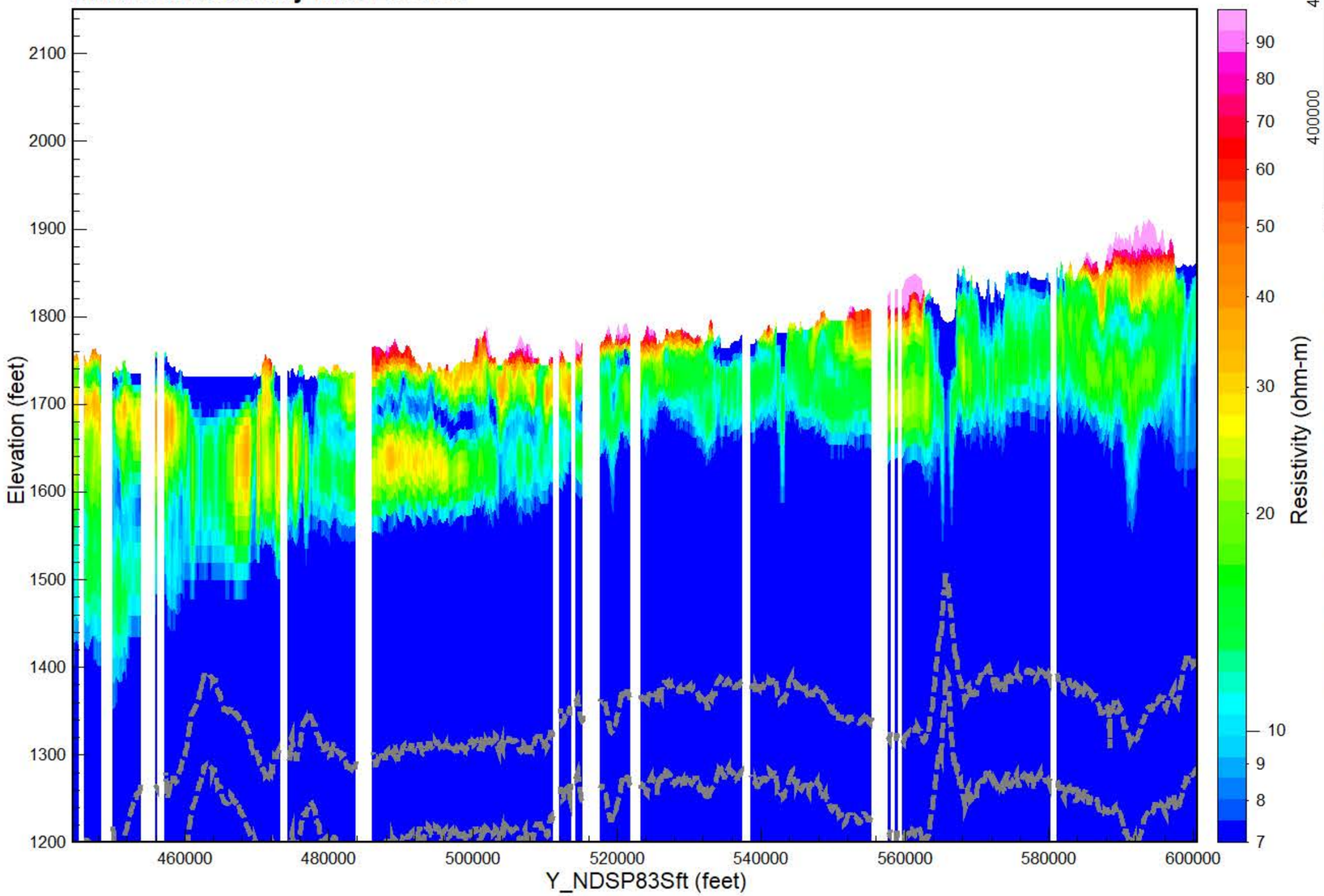
Flight Location Line L190402



AEM Survey Area 1



Final SCI Resistivity Line L190402



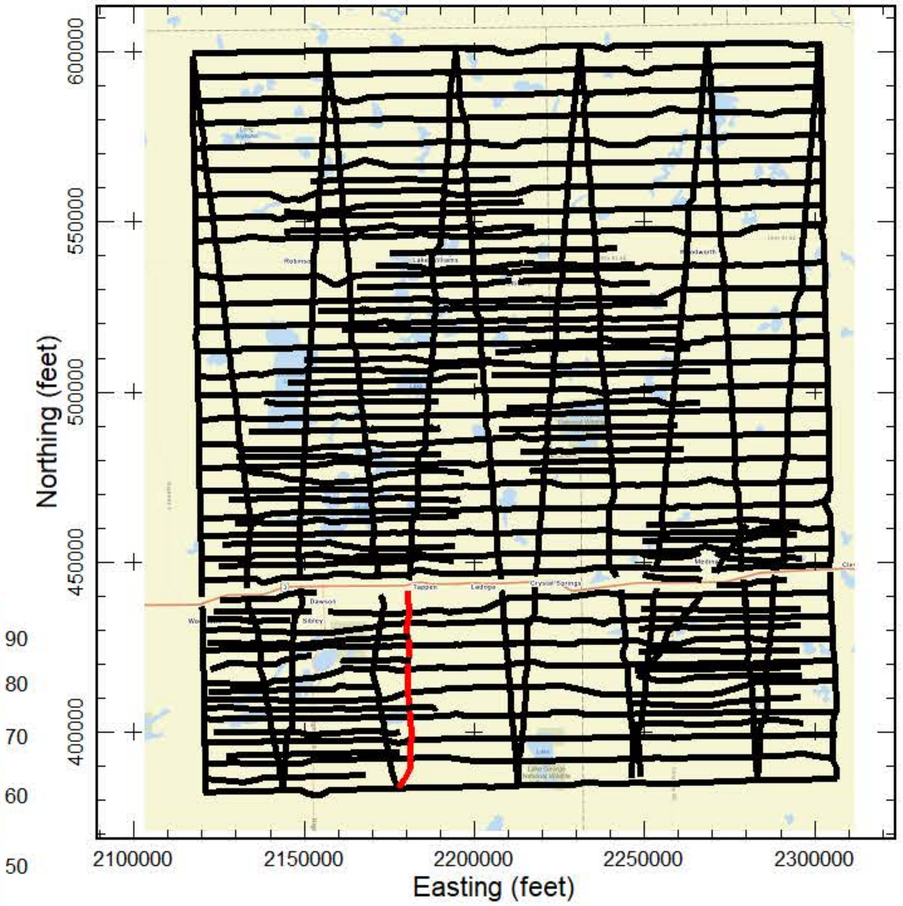
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

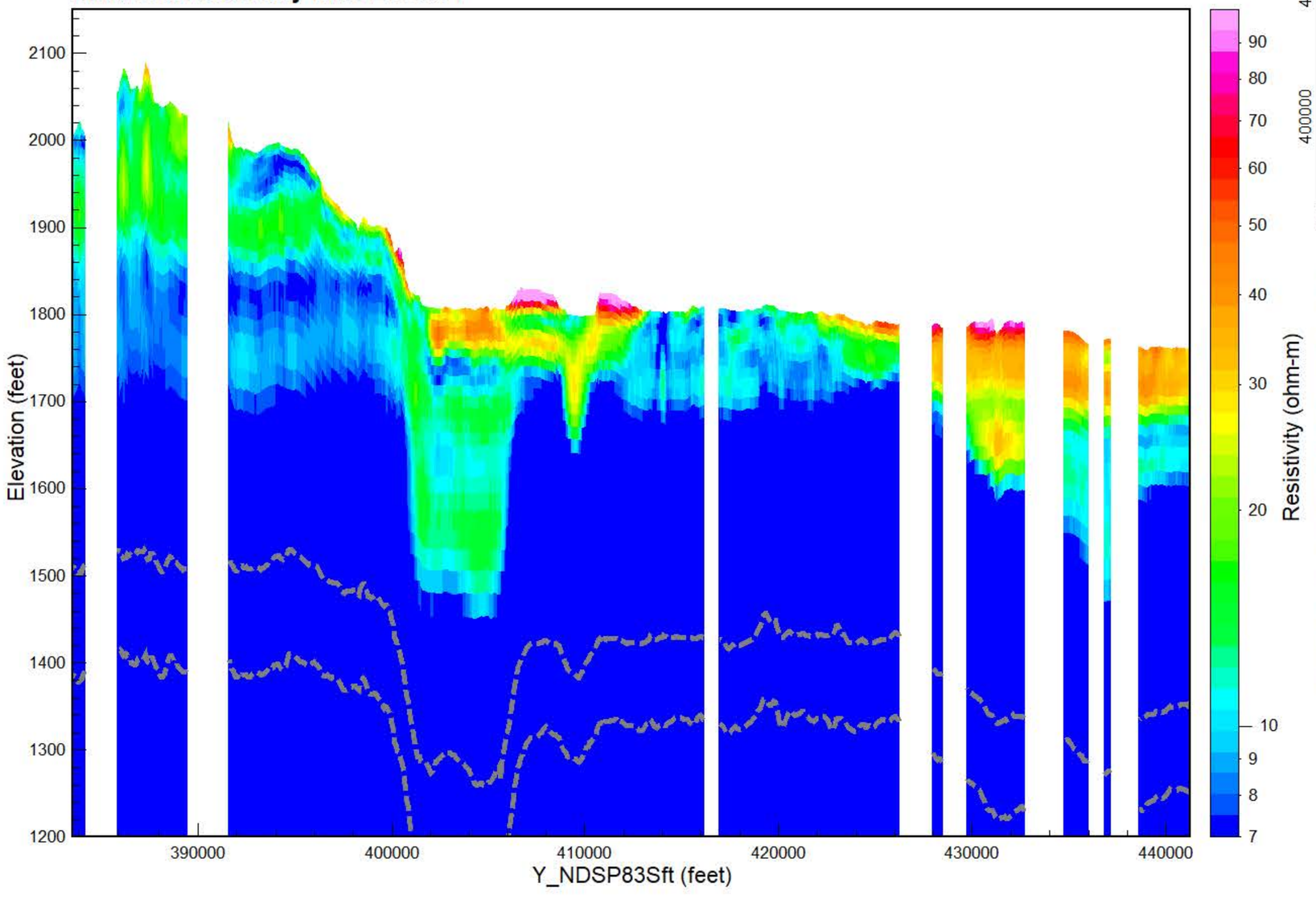
Flight Location Line L190501



AEM Survey Area 1



Final SCI Resistivity Line L190501



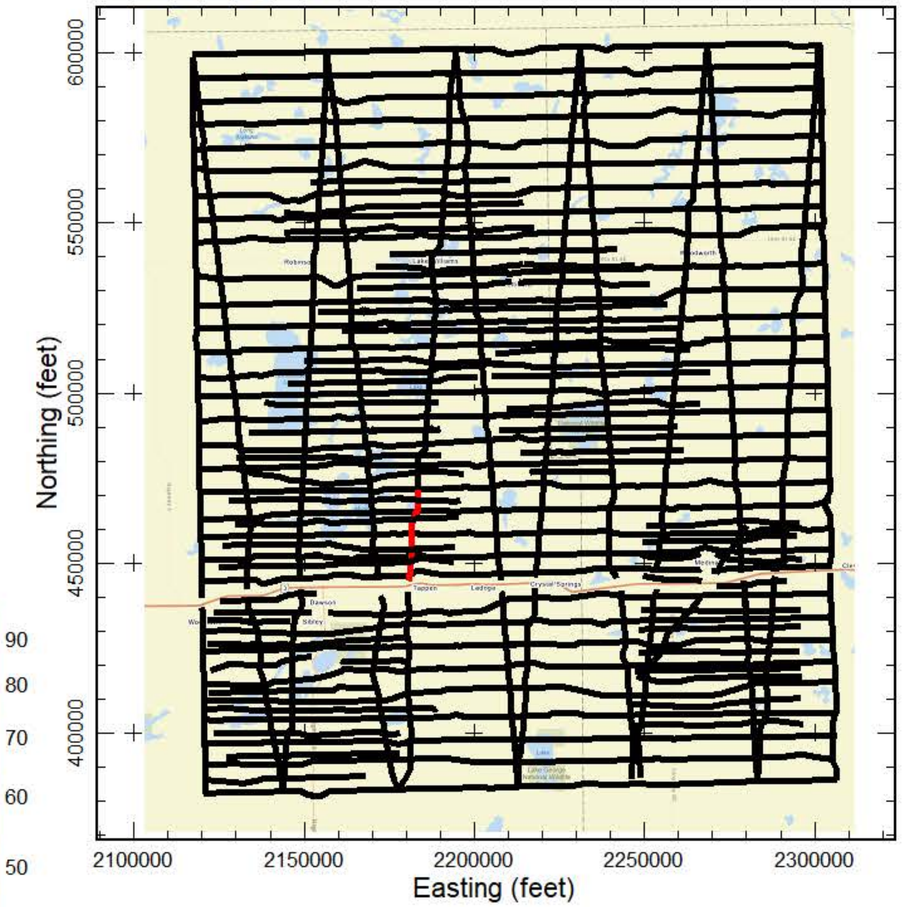
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

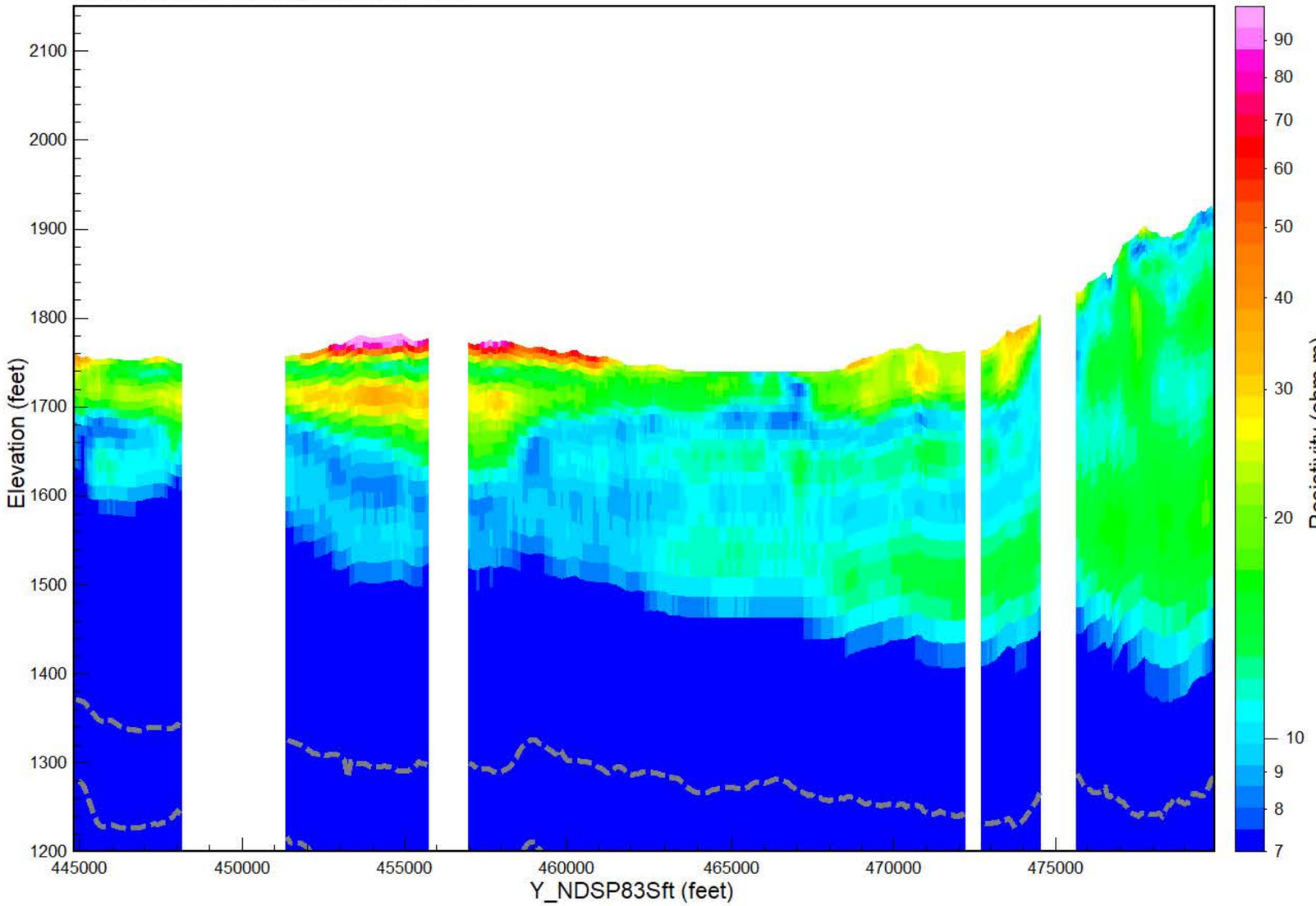
Flight Location Line L190502



AEM Survey Area 1



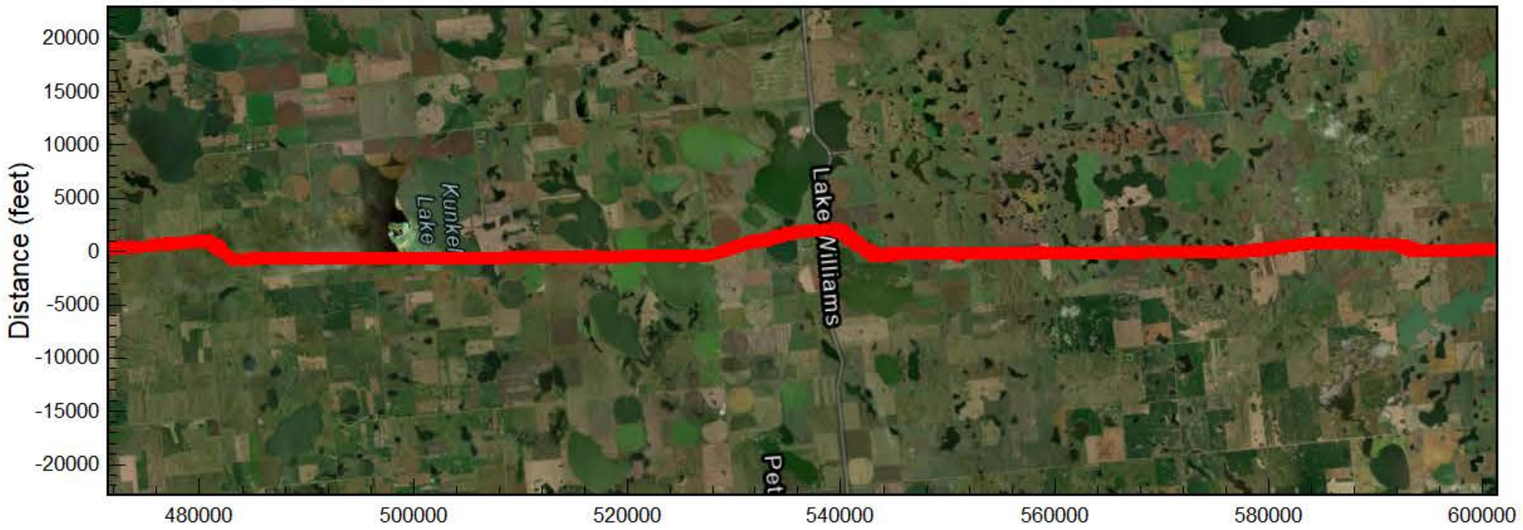
Final SCI Resistivity Line L190502



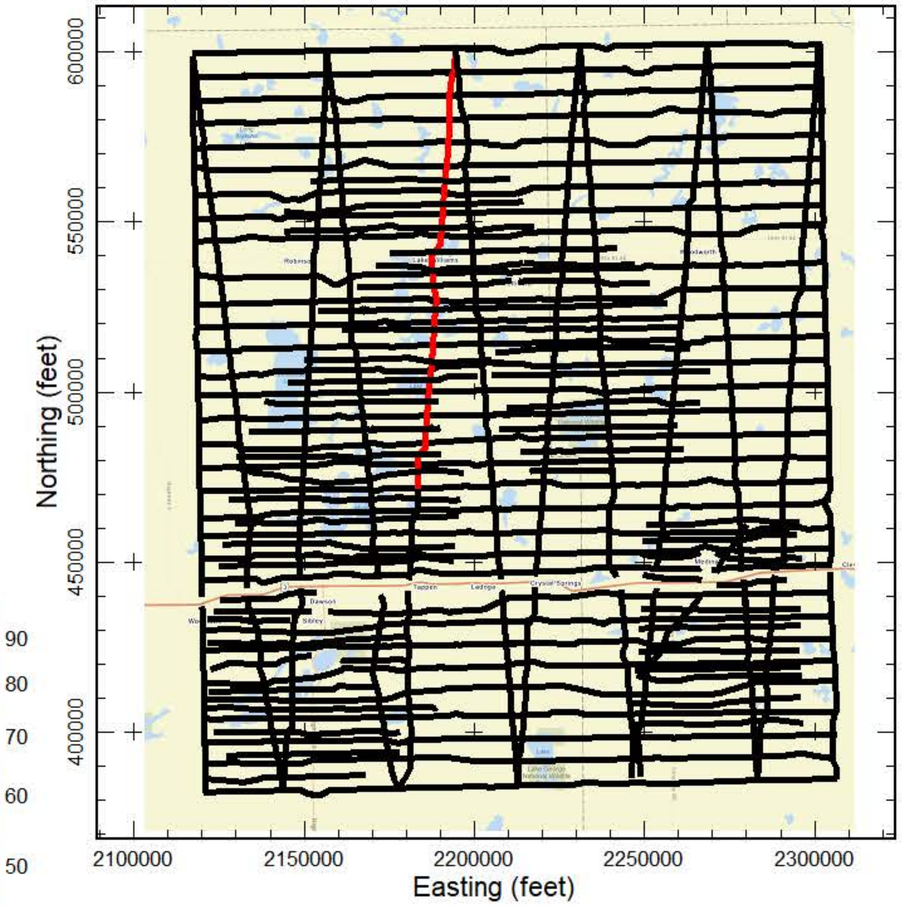
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

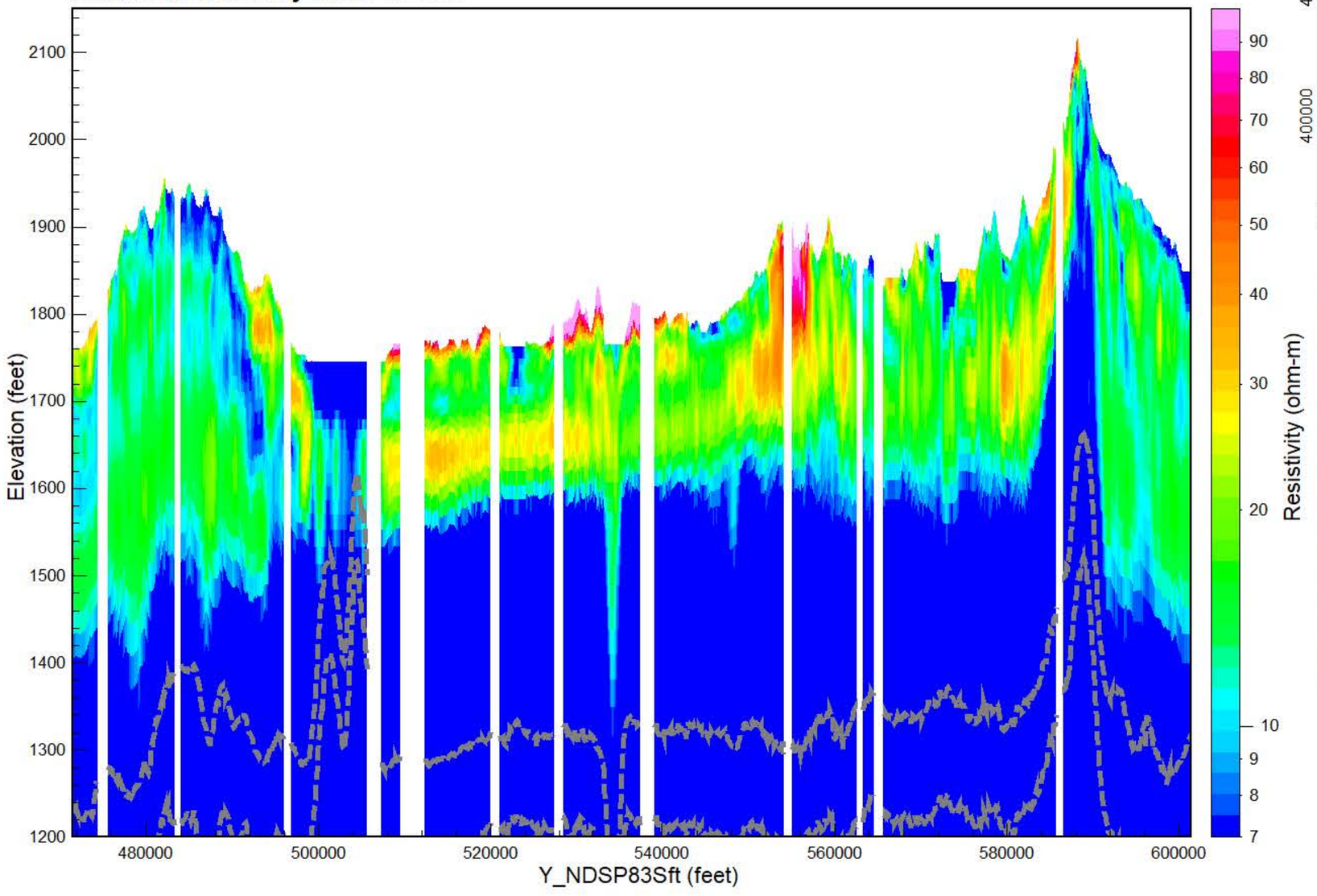
Flight Location Line L190503



AEM Survey Area 1



Final SCI Resistivity Line L190503



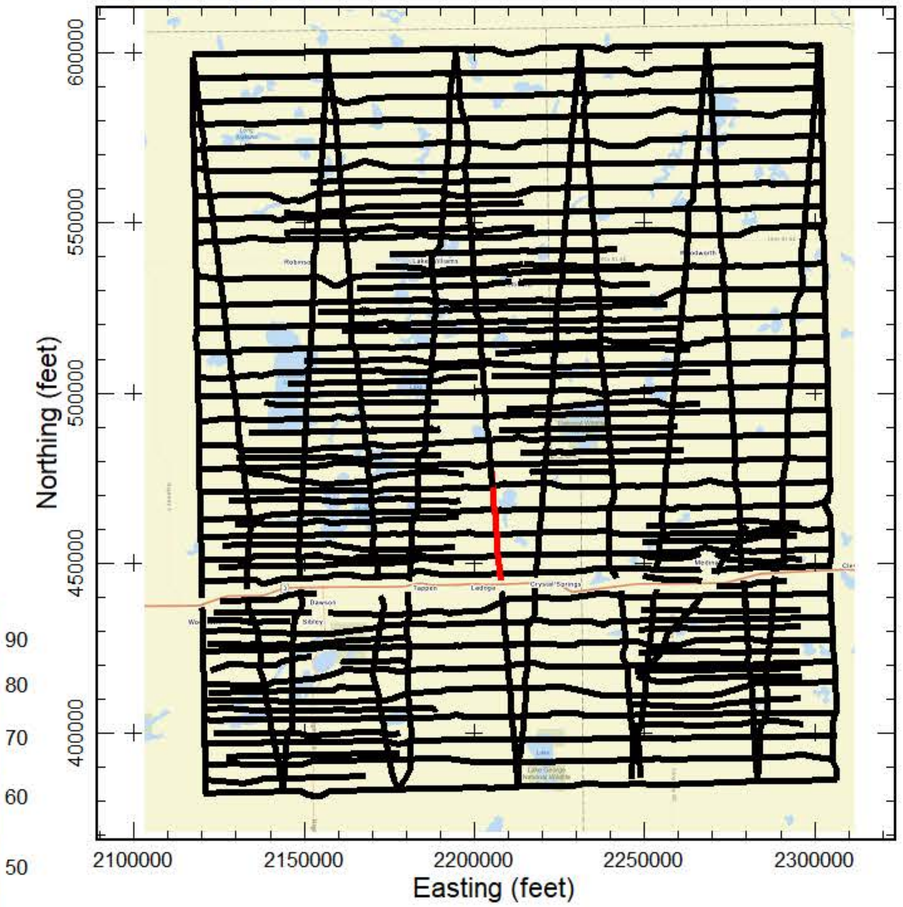
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

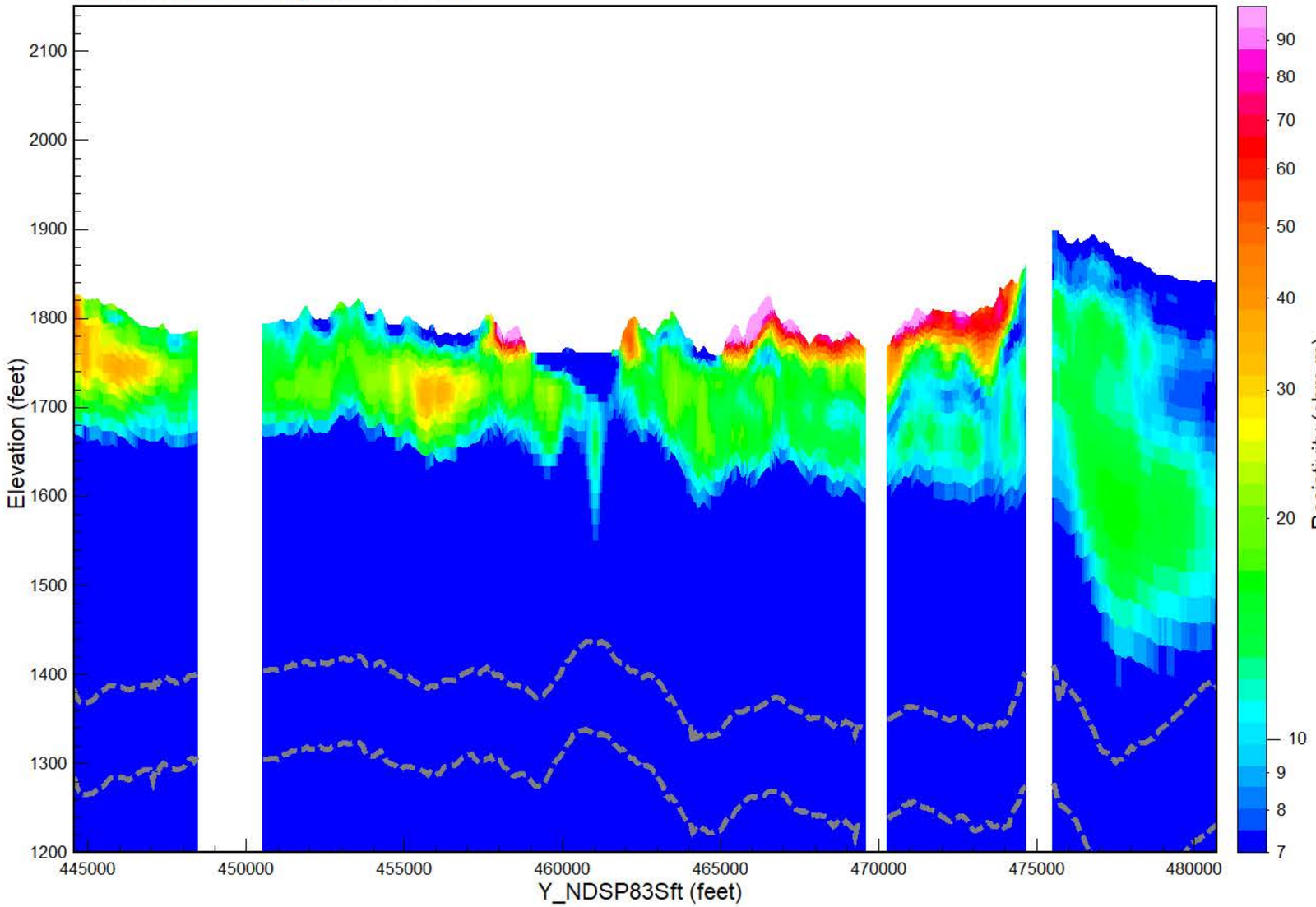
Flight Location Line L190602



AEM Survey Area 1



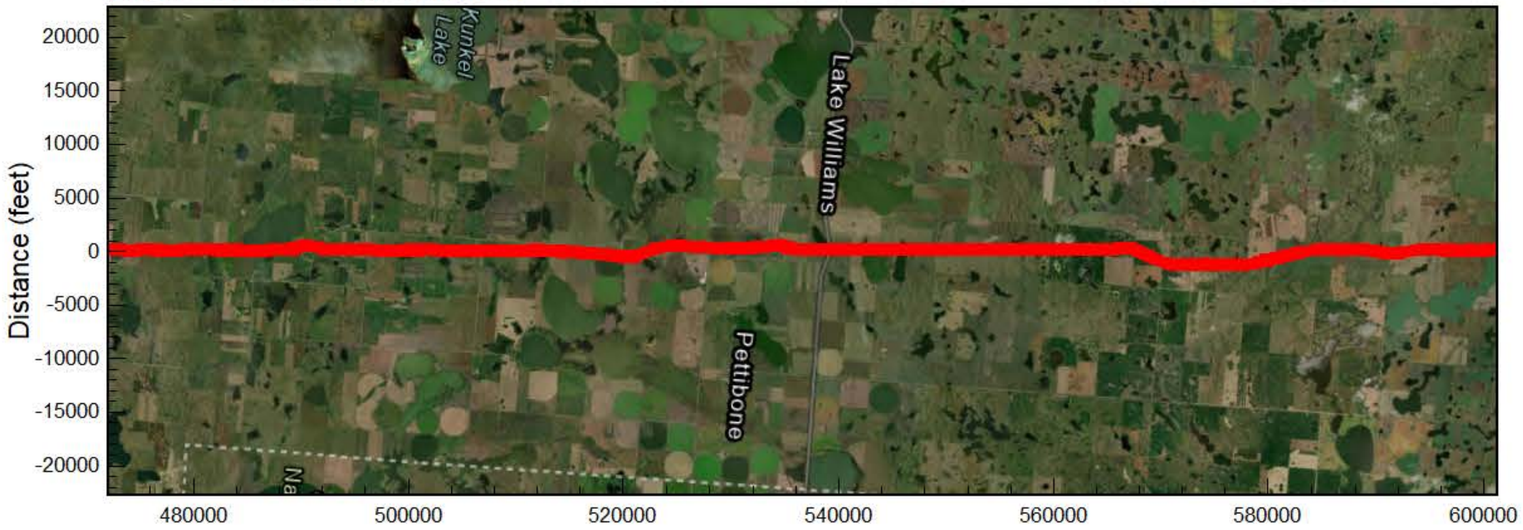
Final SCI Resistivity Line L190602



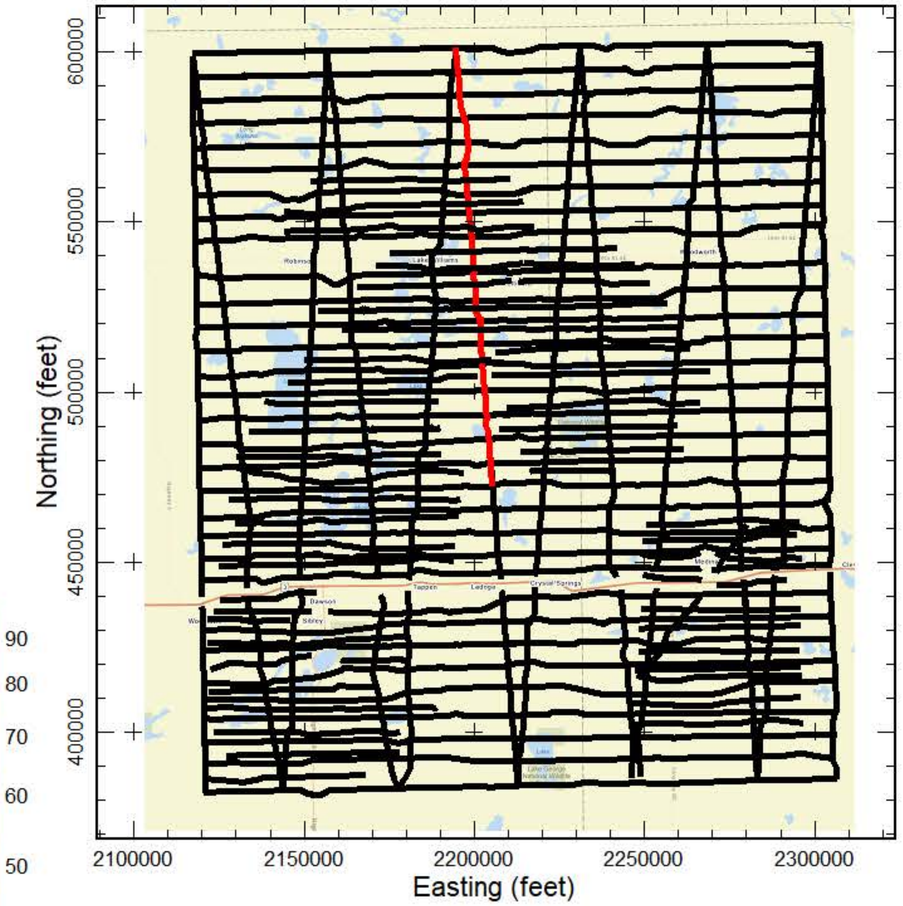
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

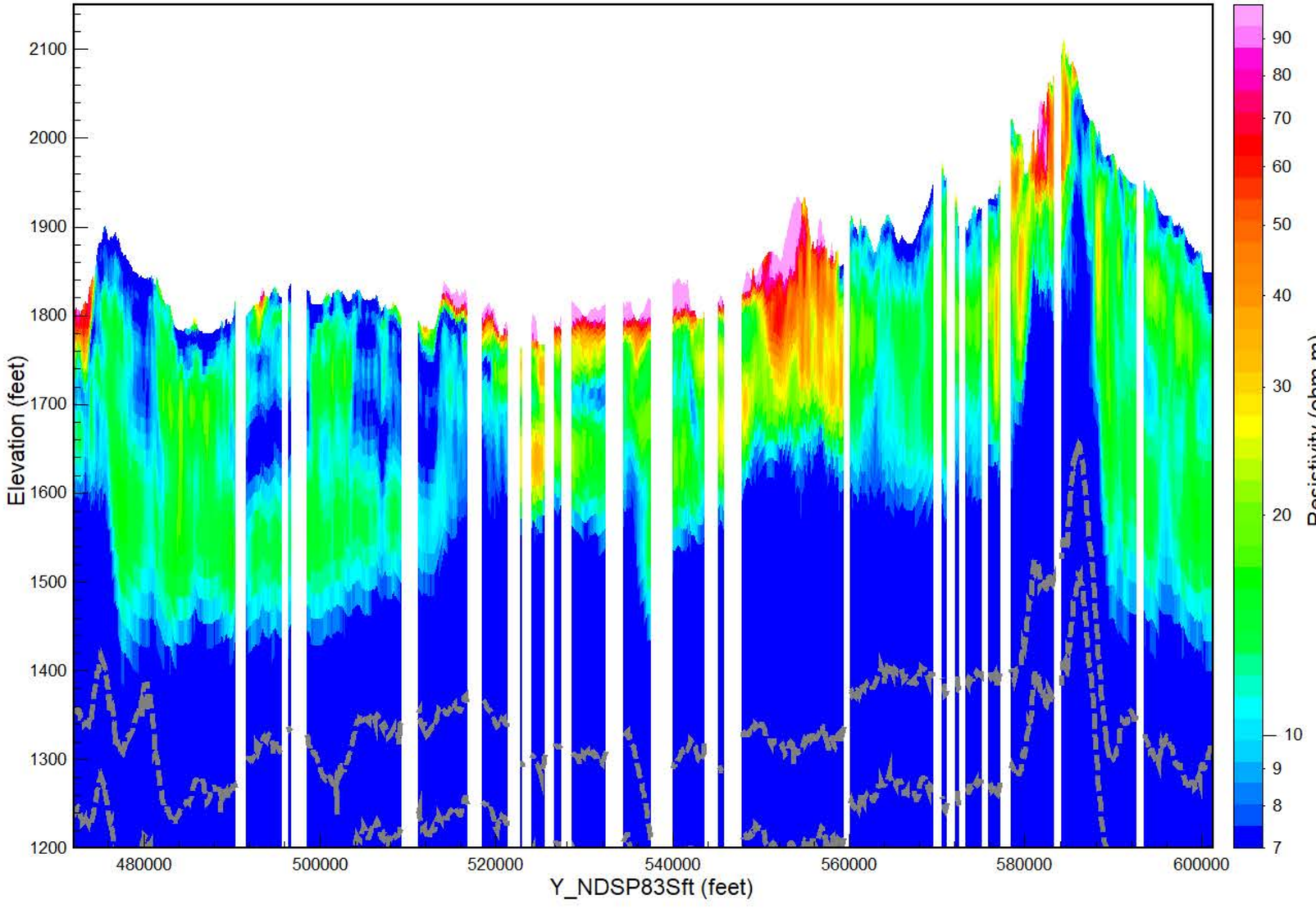
Flight Location Line L190603



AEM Survey Area 1



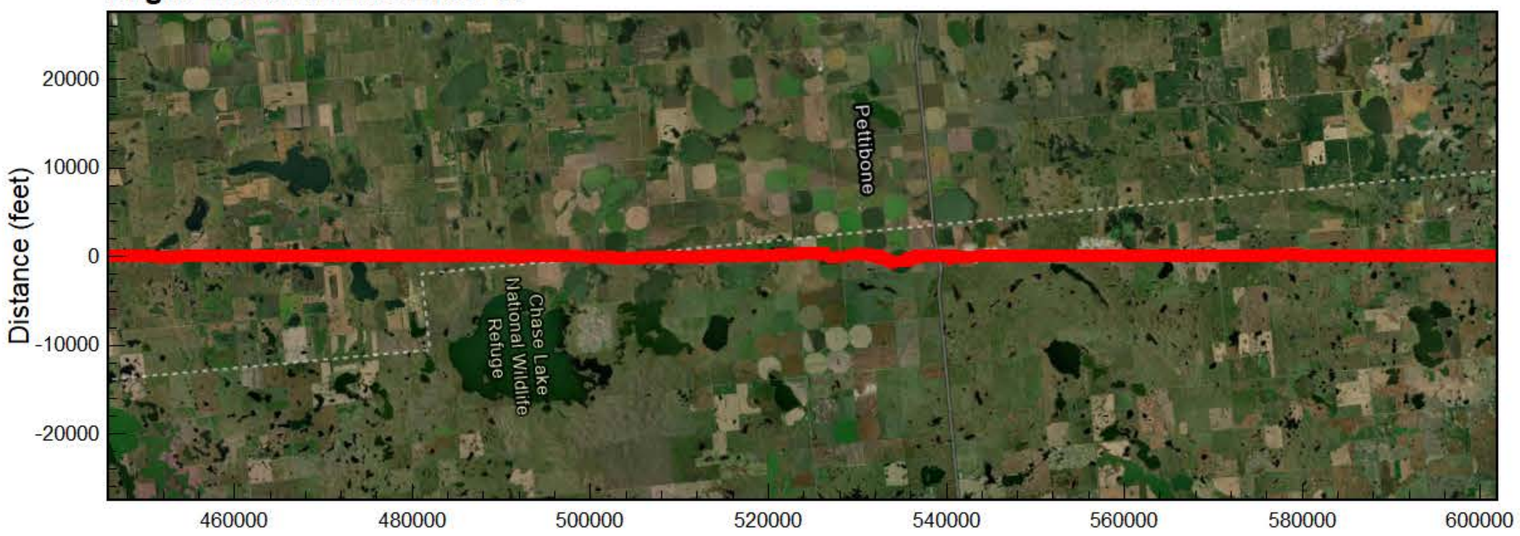
Final SCI Resistivity Line L190603



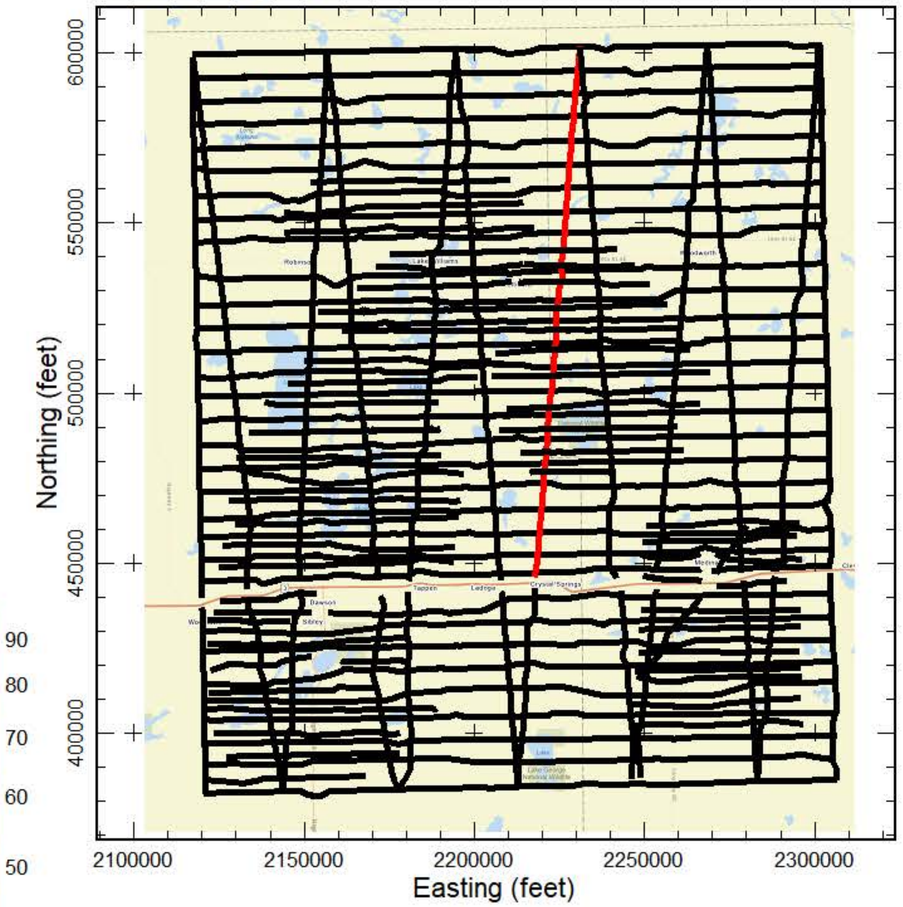
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

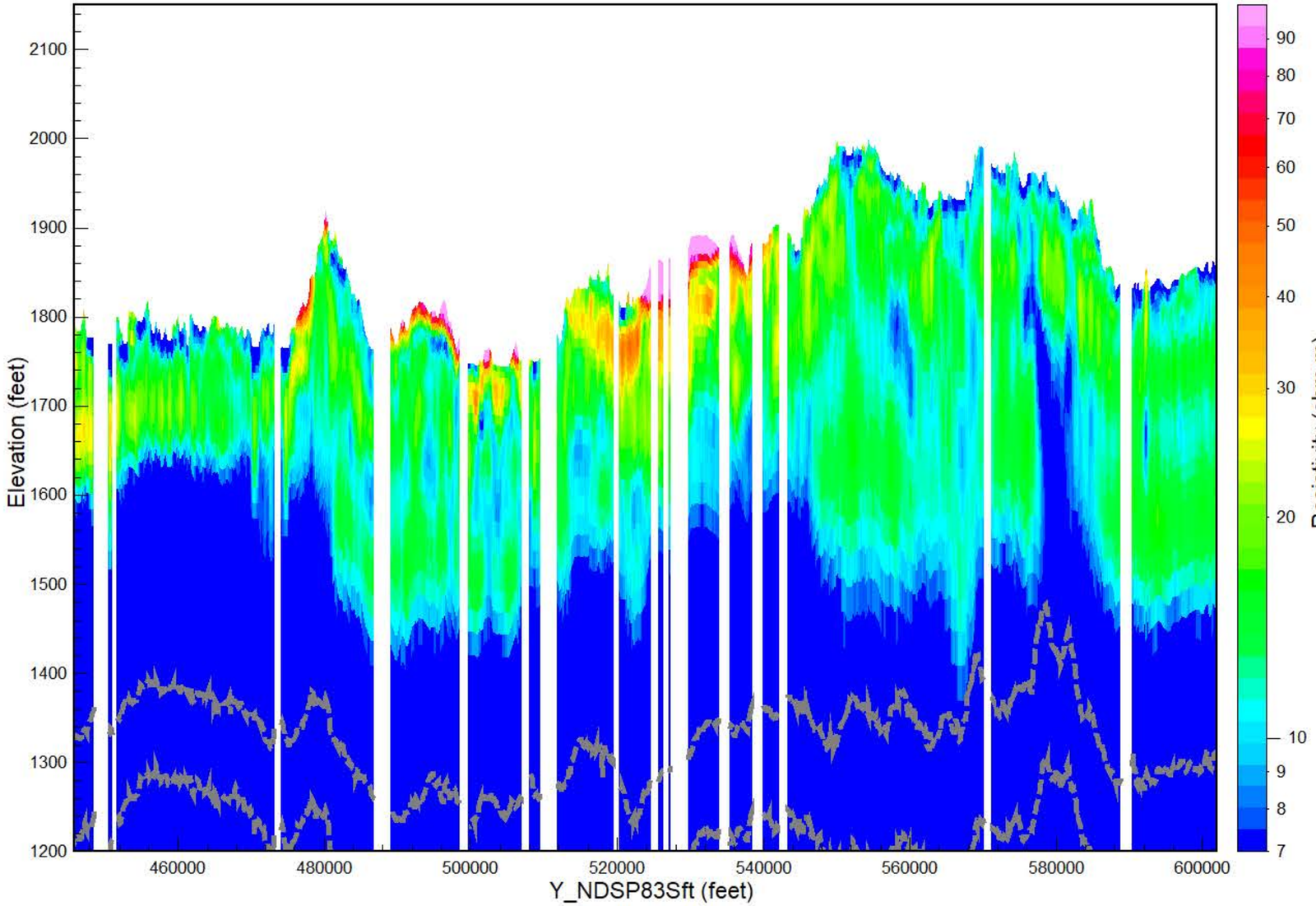
Flight Location Line L190702



AEM Survey Area 1



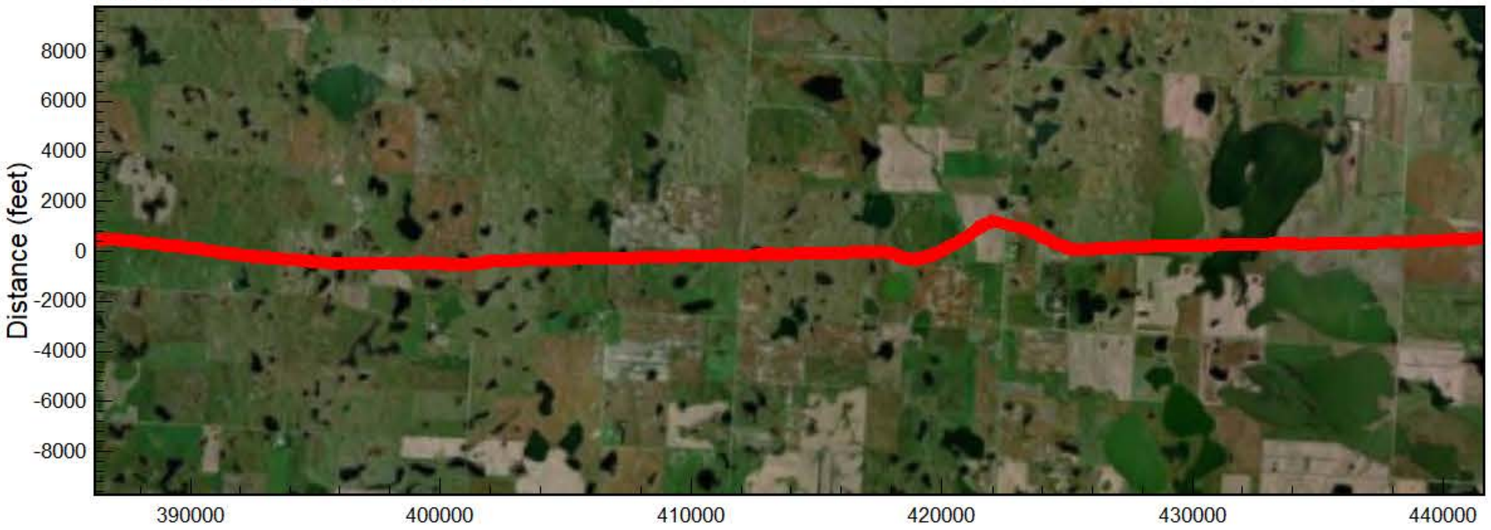
Final SCI Resistivity Line L190702



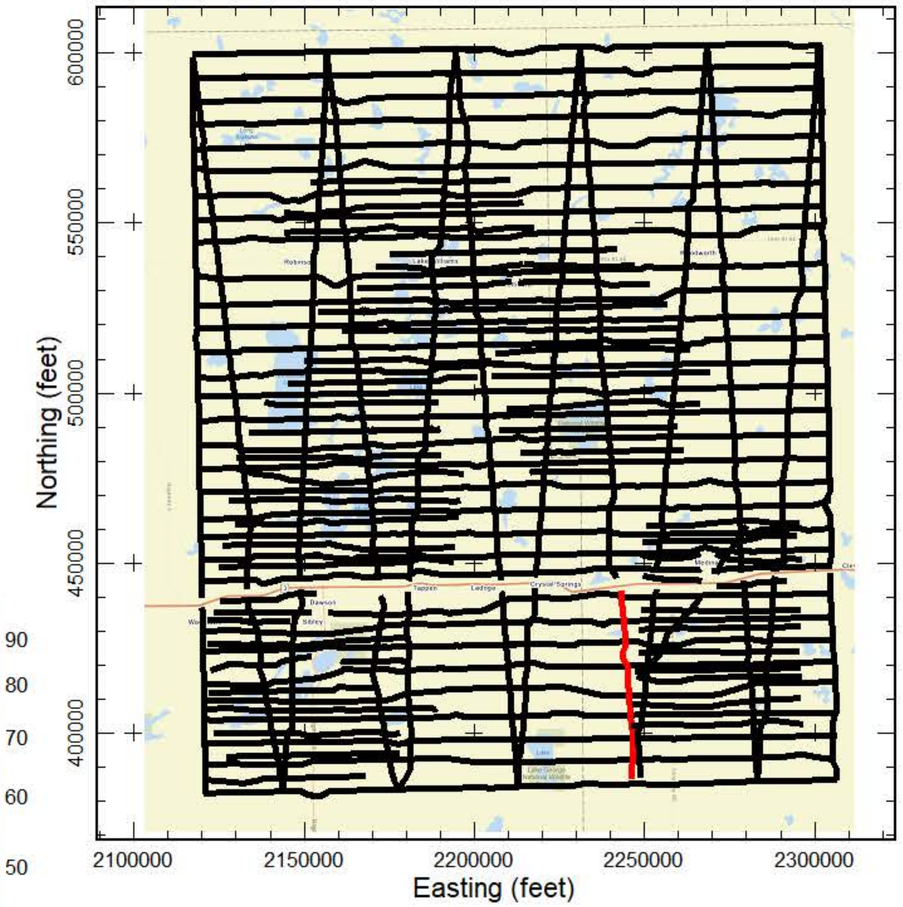
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

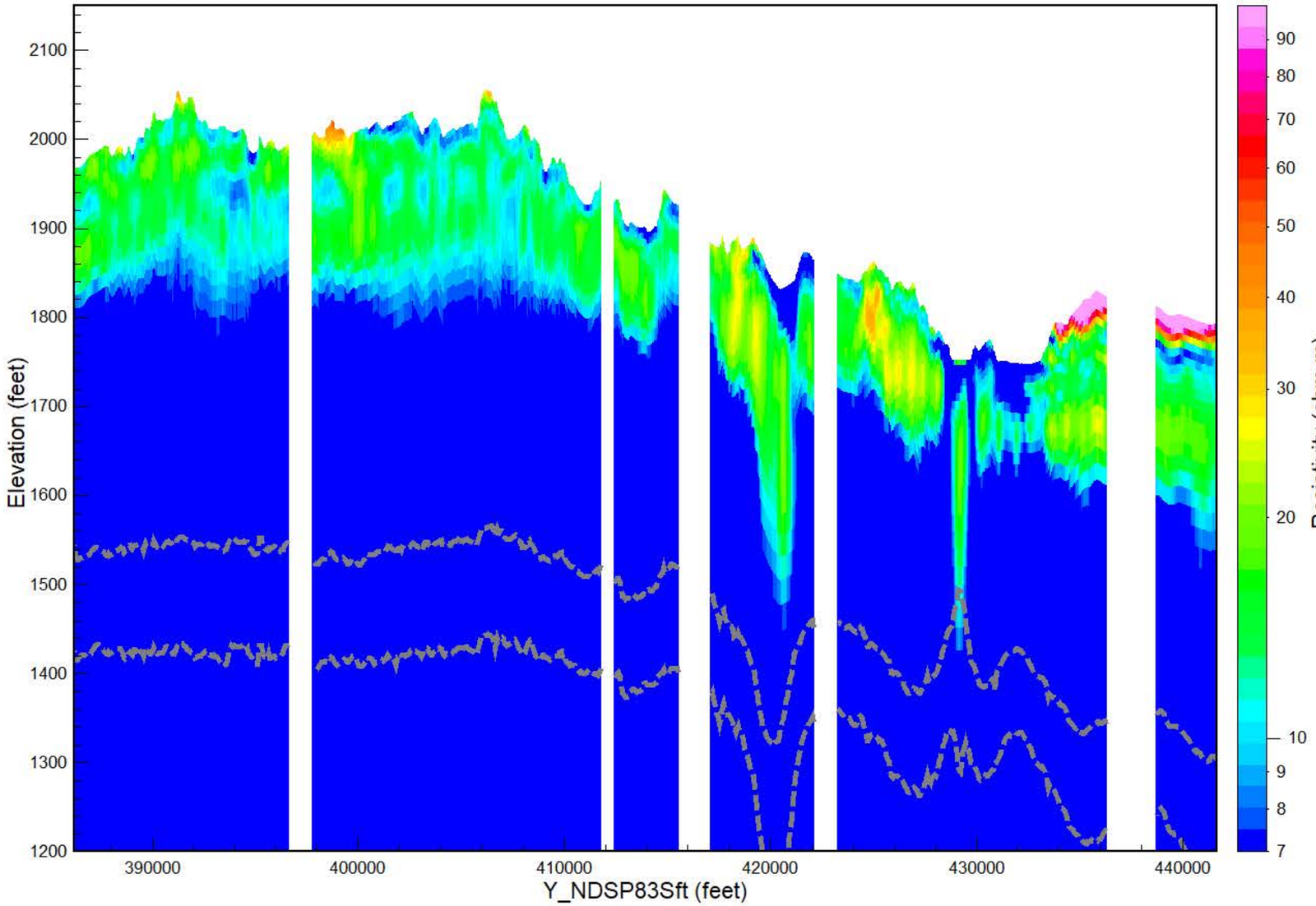
Flight Location Line L190801



AEM Survey Area 1



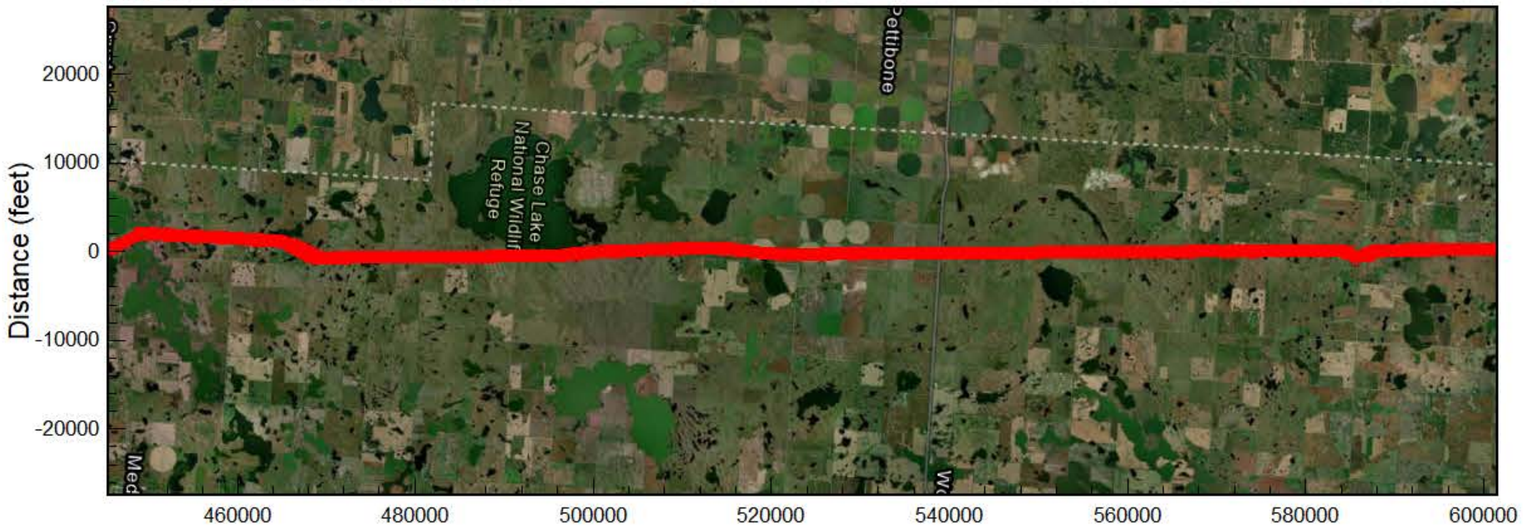
Final SCI Resistivity Line L190801



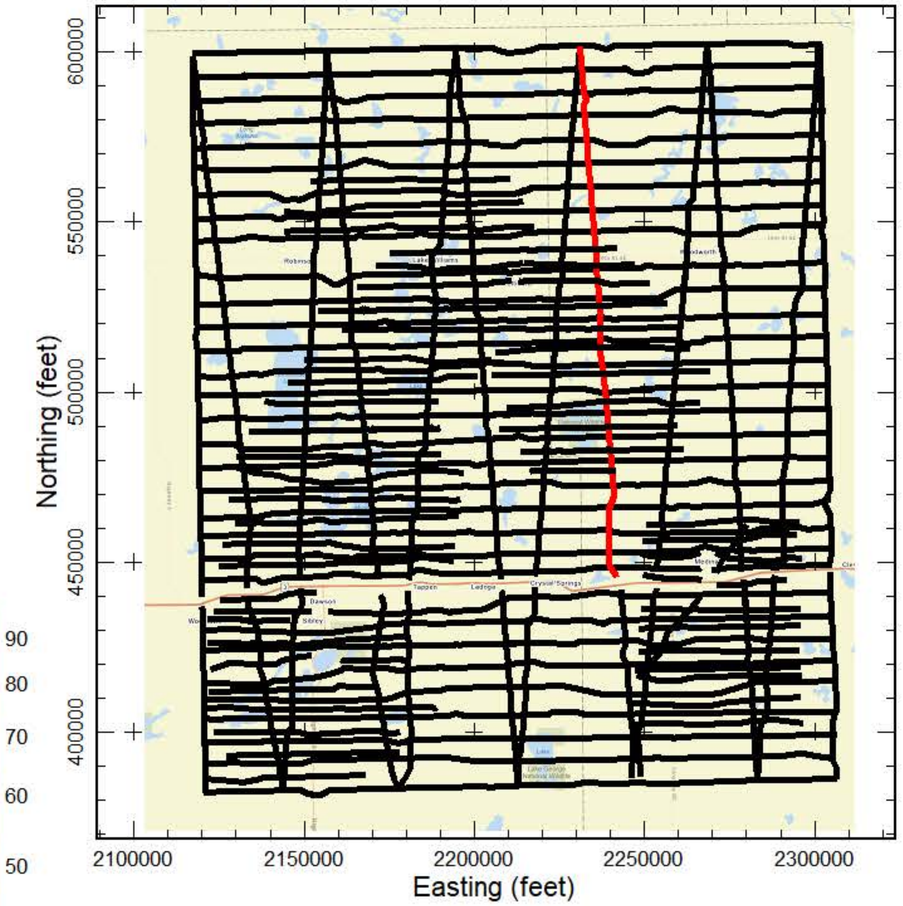
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

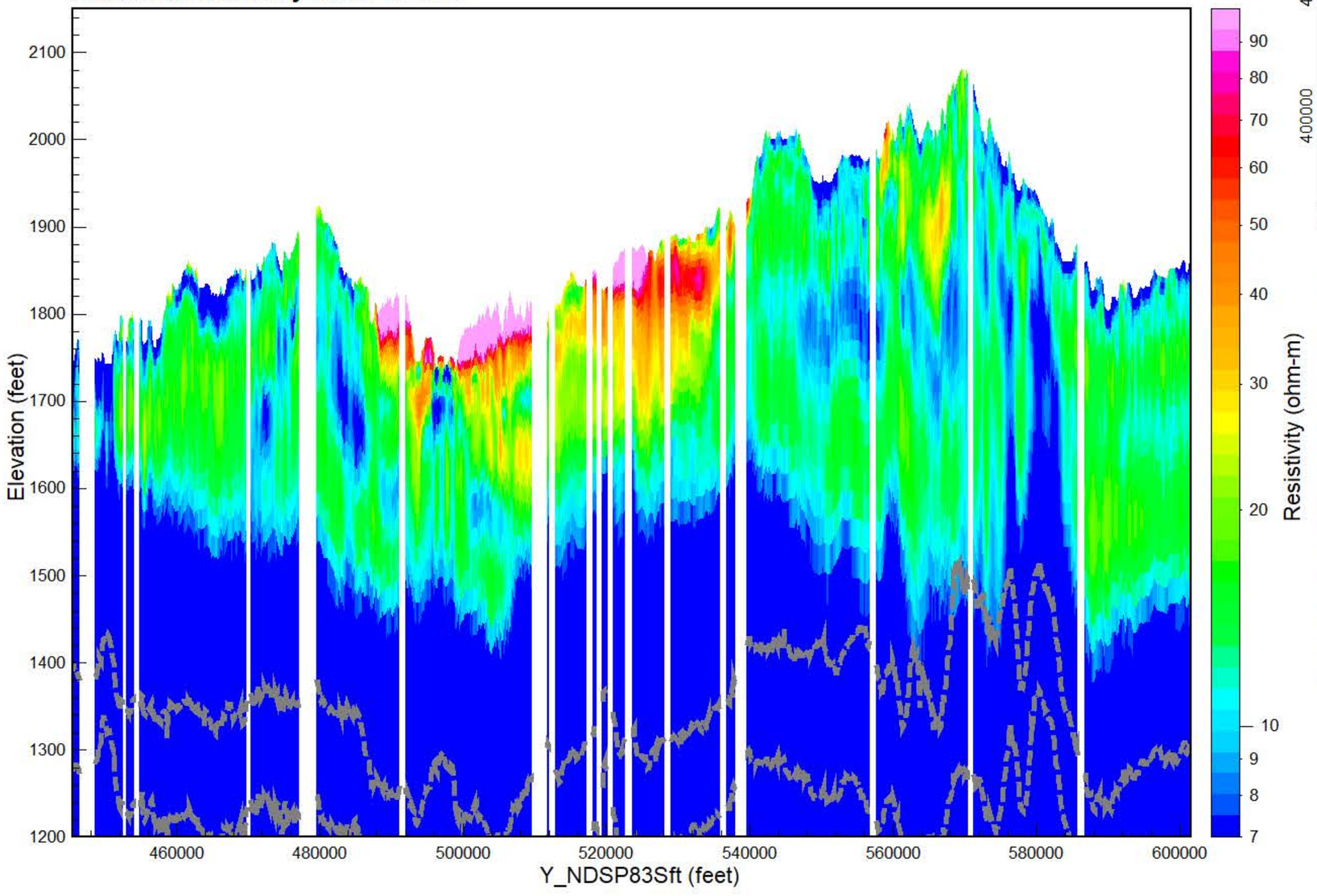
Flight Location Line L190802



AEM Survey Area 1



Final SCI Resistivity Line L190802



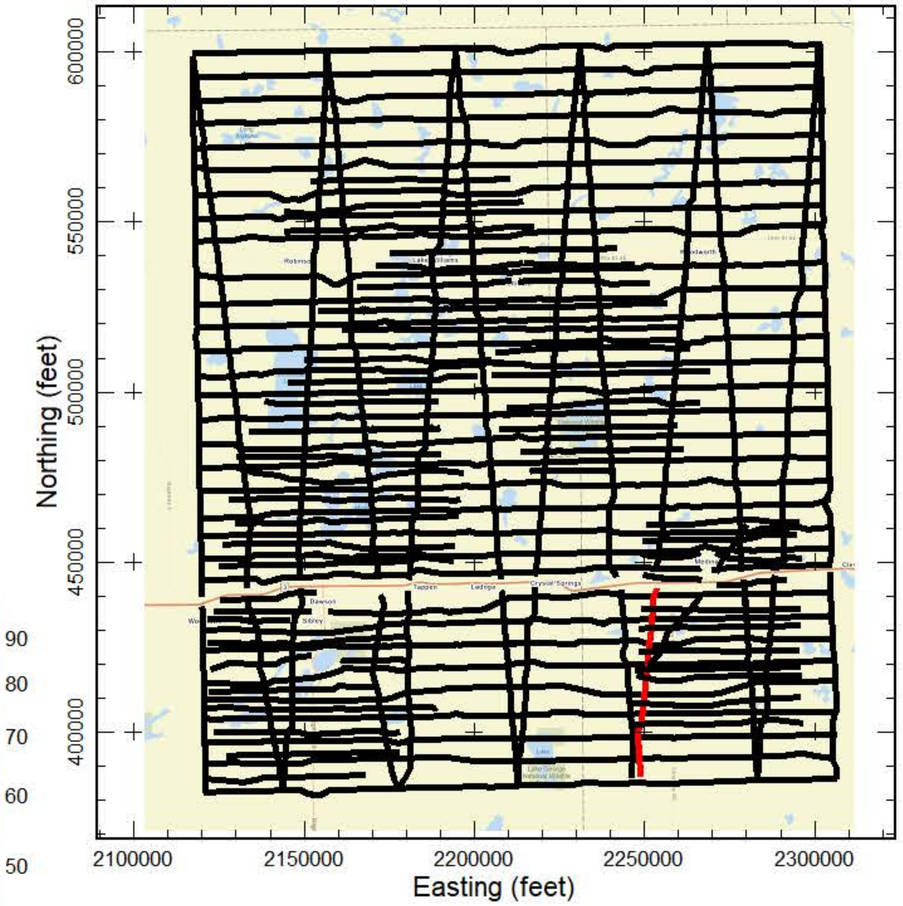
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

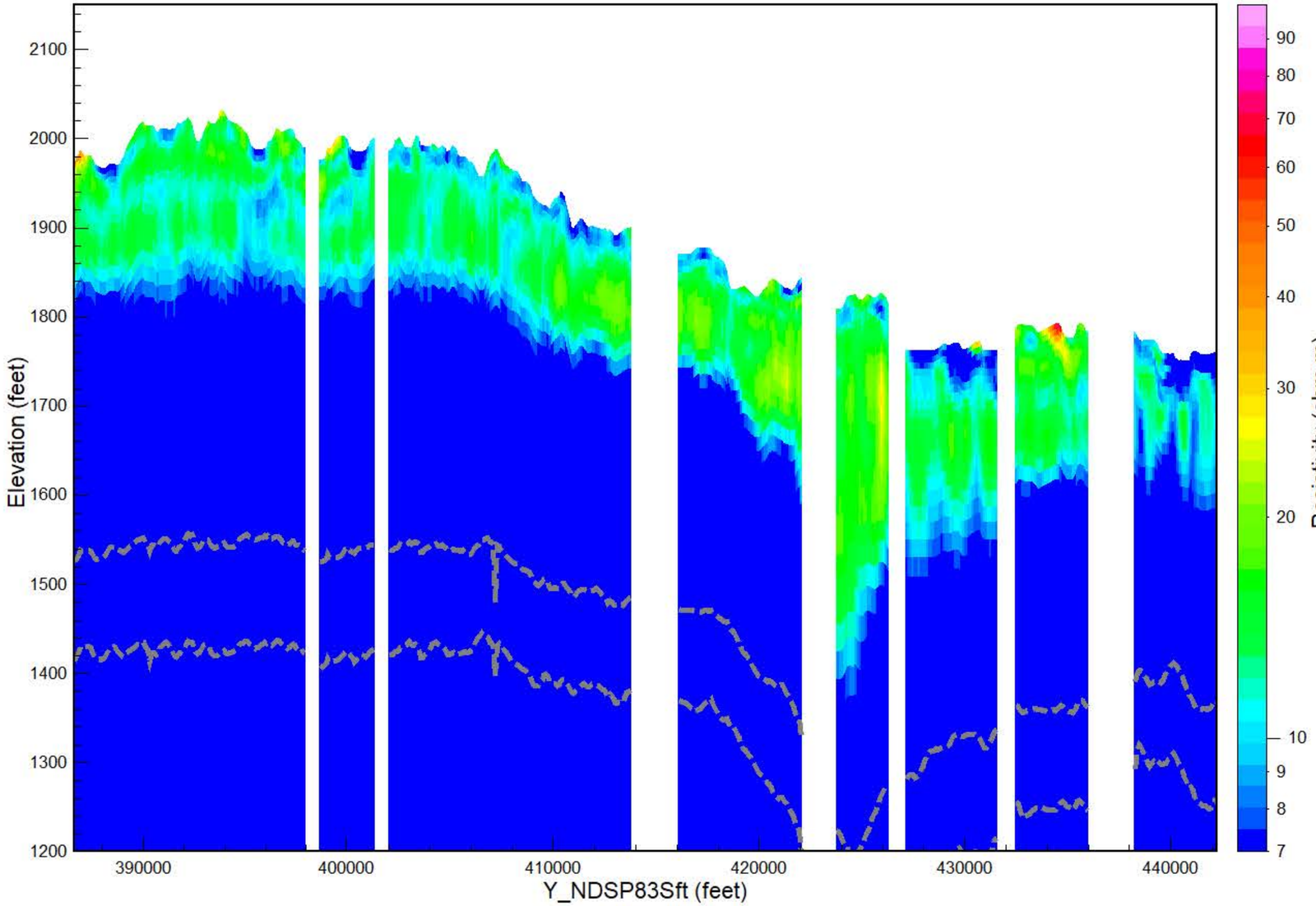
Flight Location Line L190901



AEM Survey Area 1



Final SCI Resistivity Line L190901



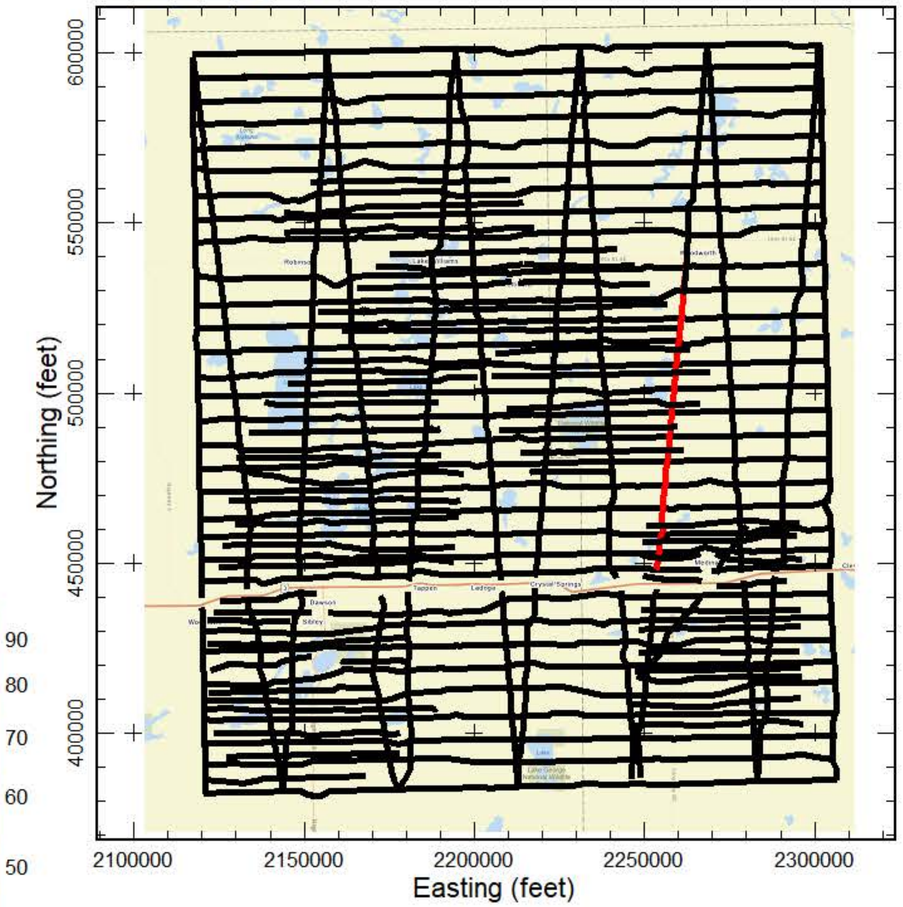
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

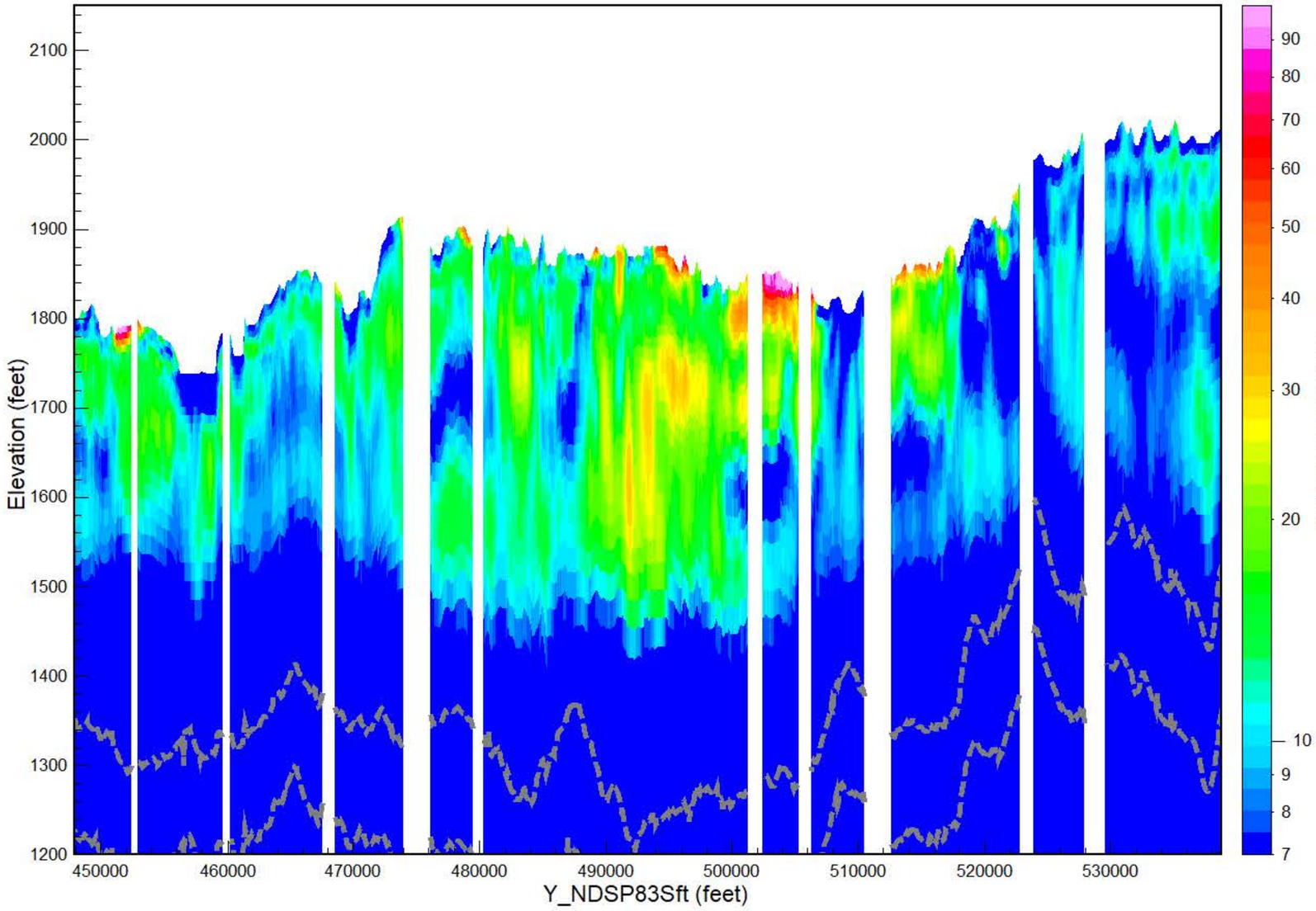
Flight Location Line L190902



AEM Survey Area 1



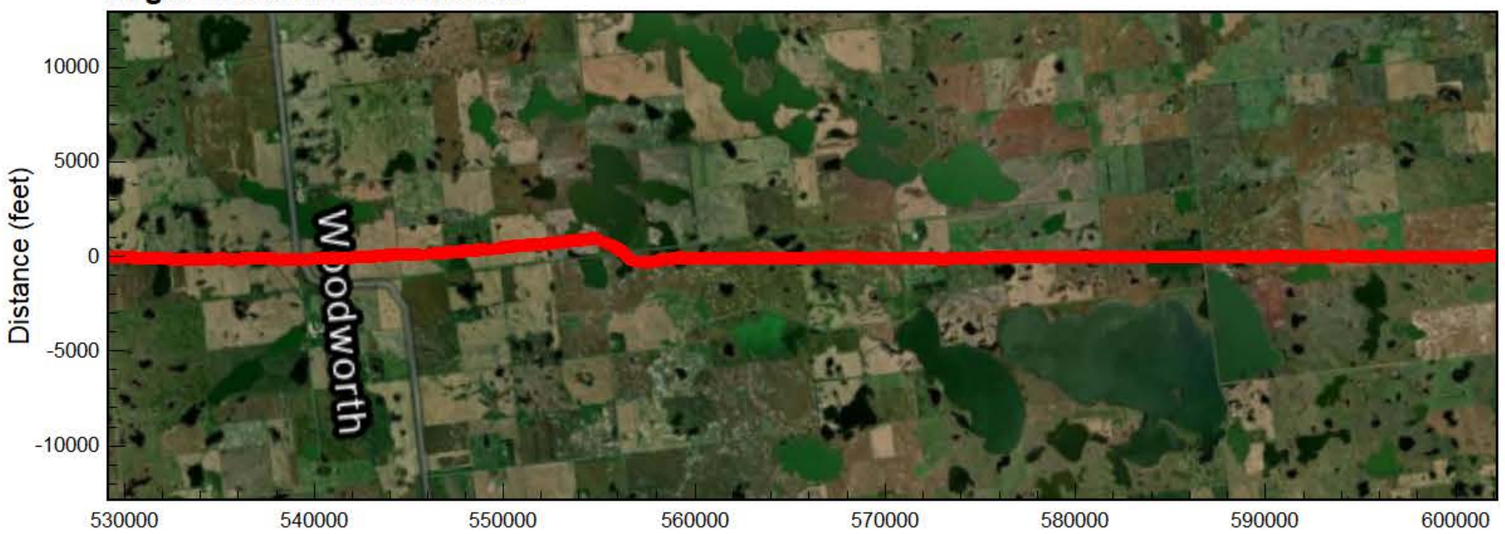
Final SCI Resistivity Line L190902



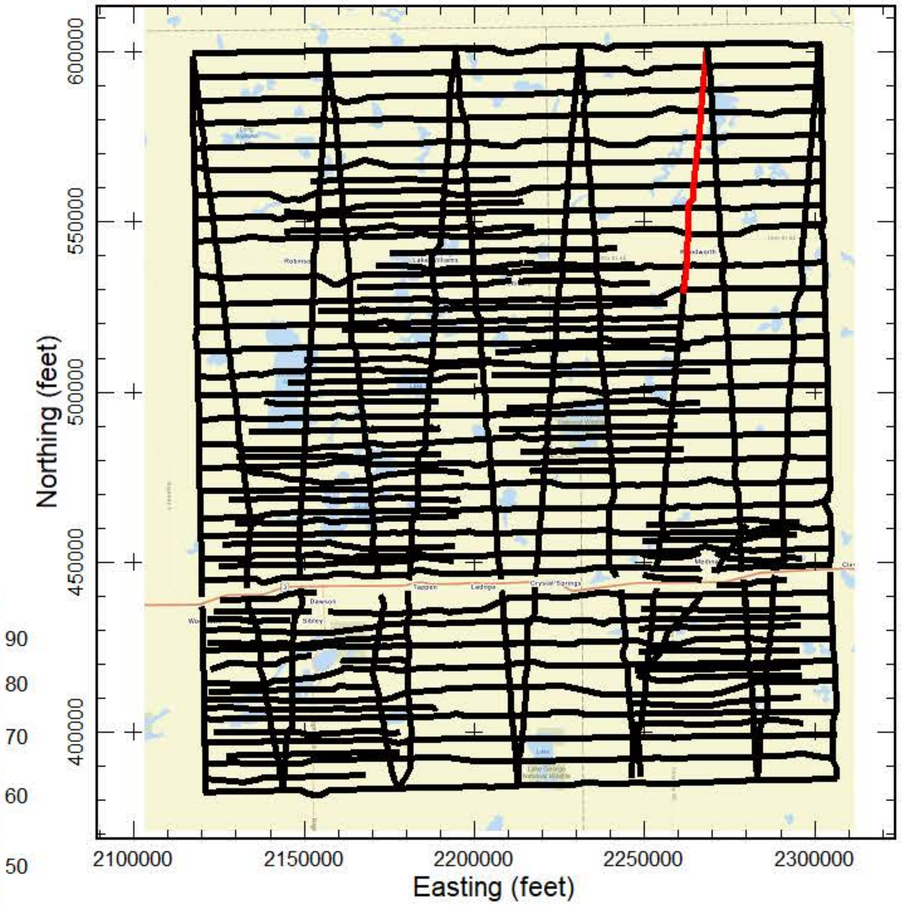
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

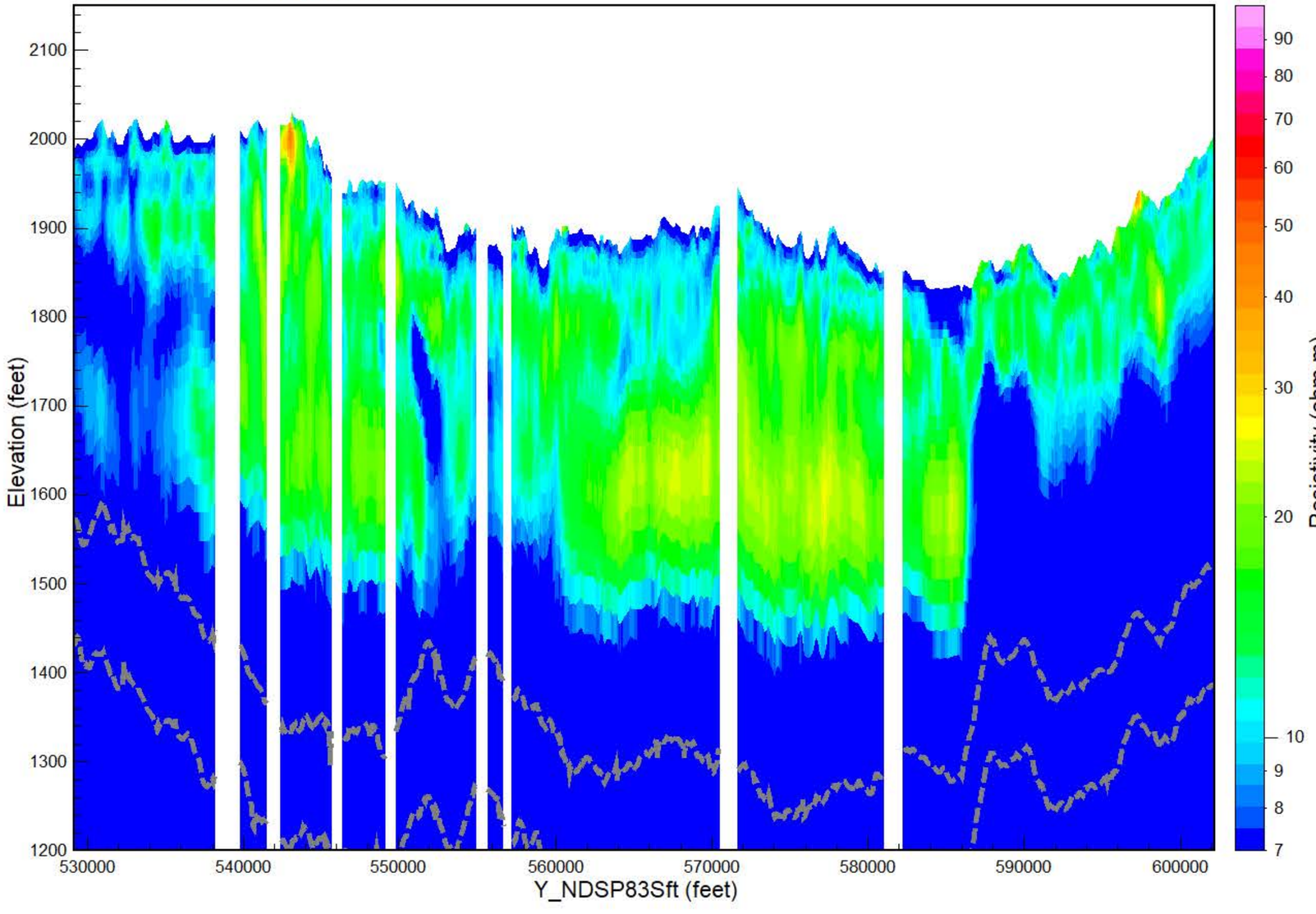
Flight Location Line L190903



AEM Survey Area 1



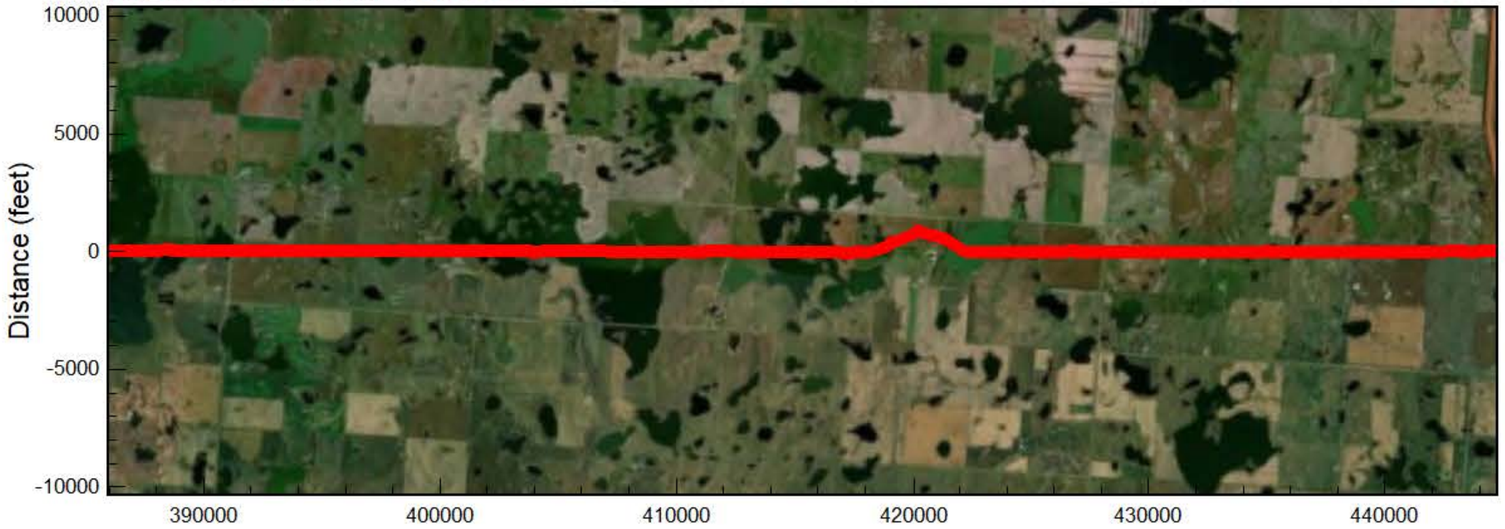
Final SCI Resistivity Line L190903



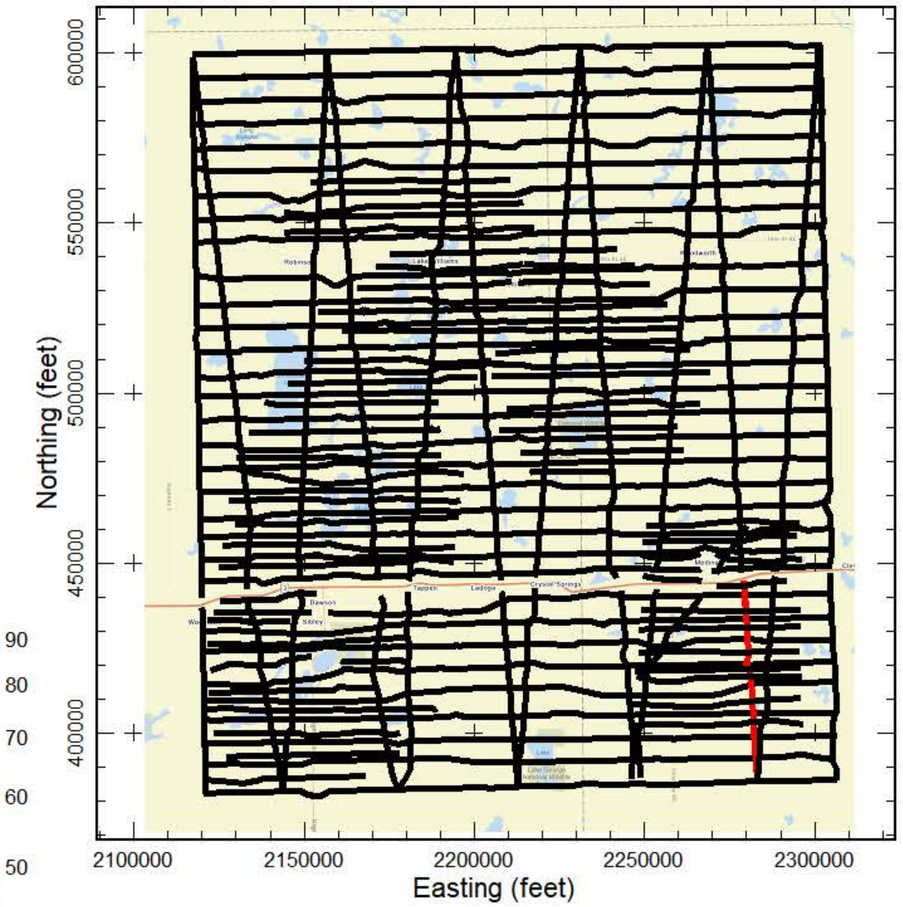
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

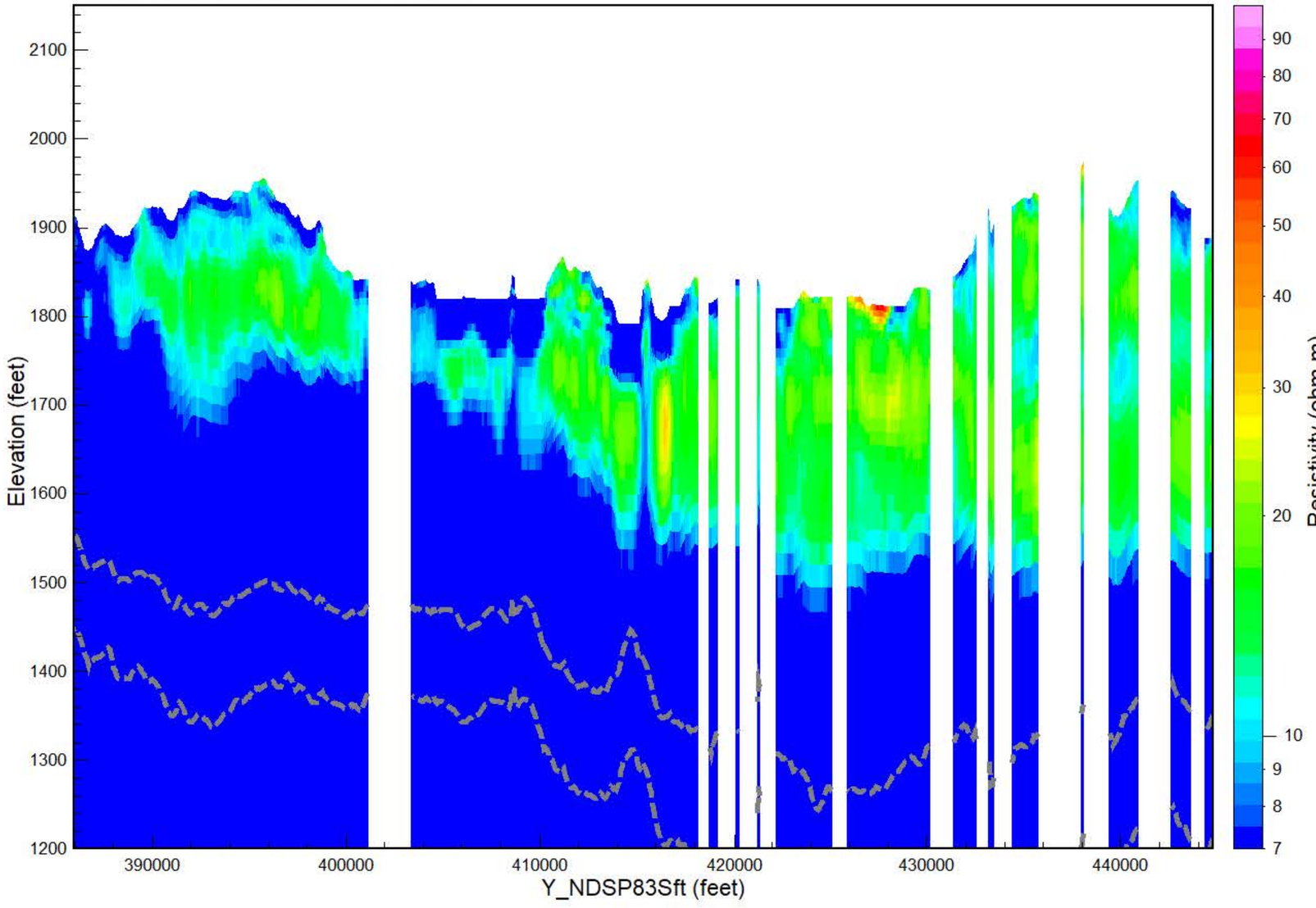
Flight Location Line L191001



AEM Survey Area 1



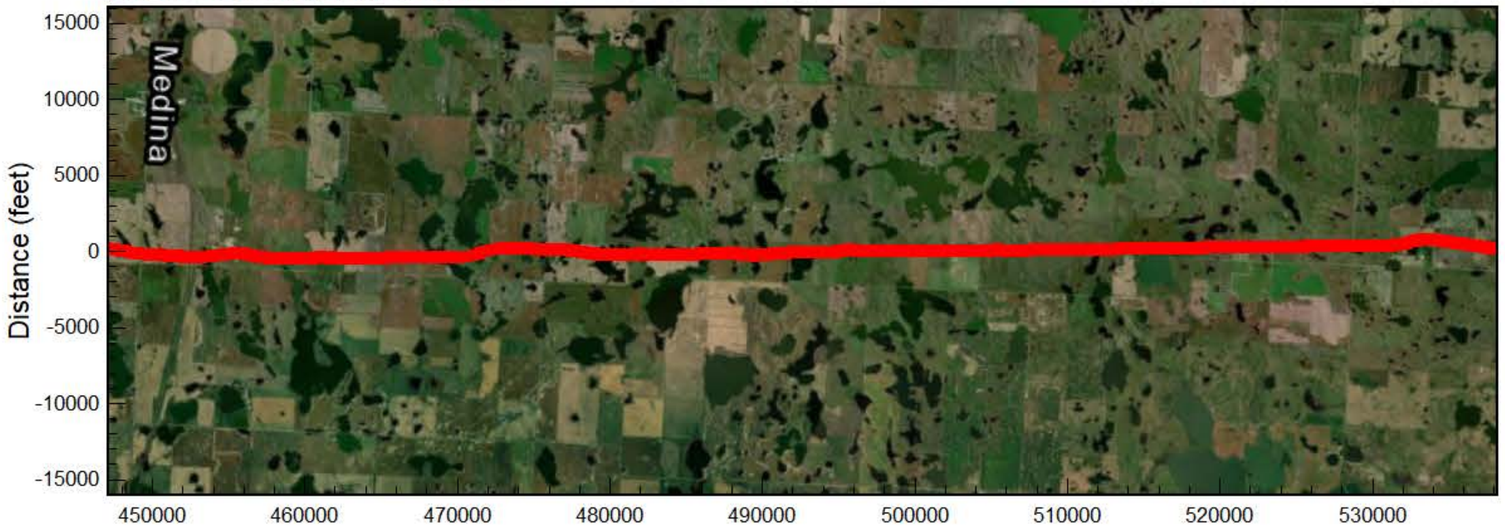
Final SCI Resistivity Line L191001



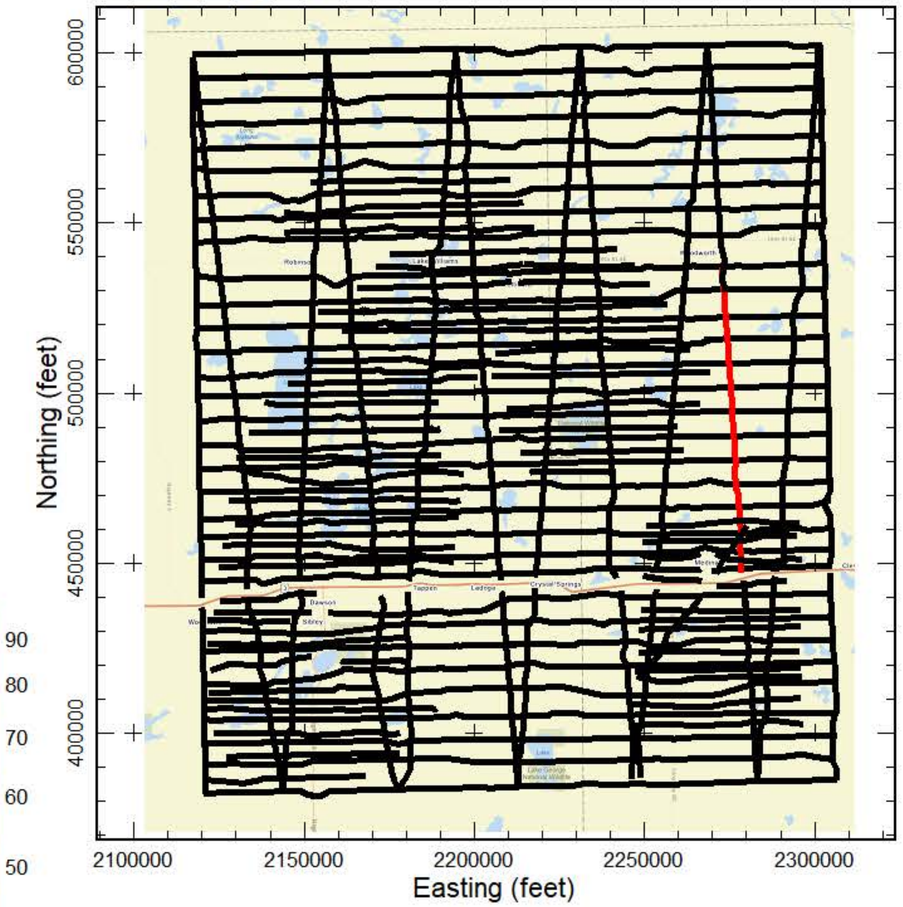
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

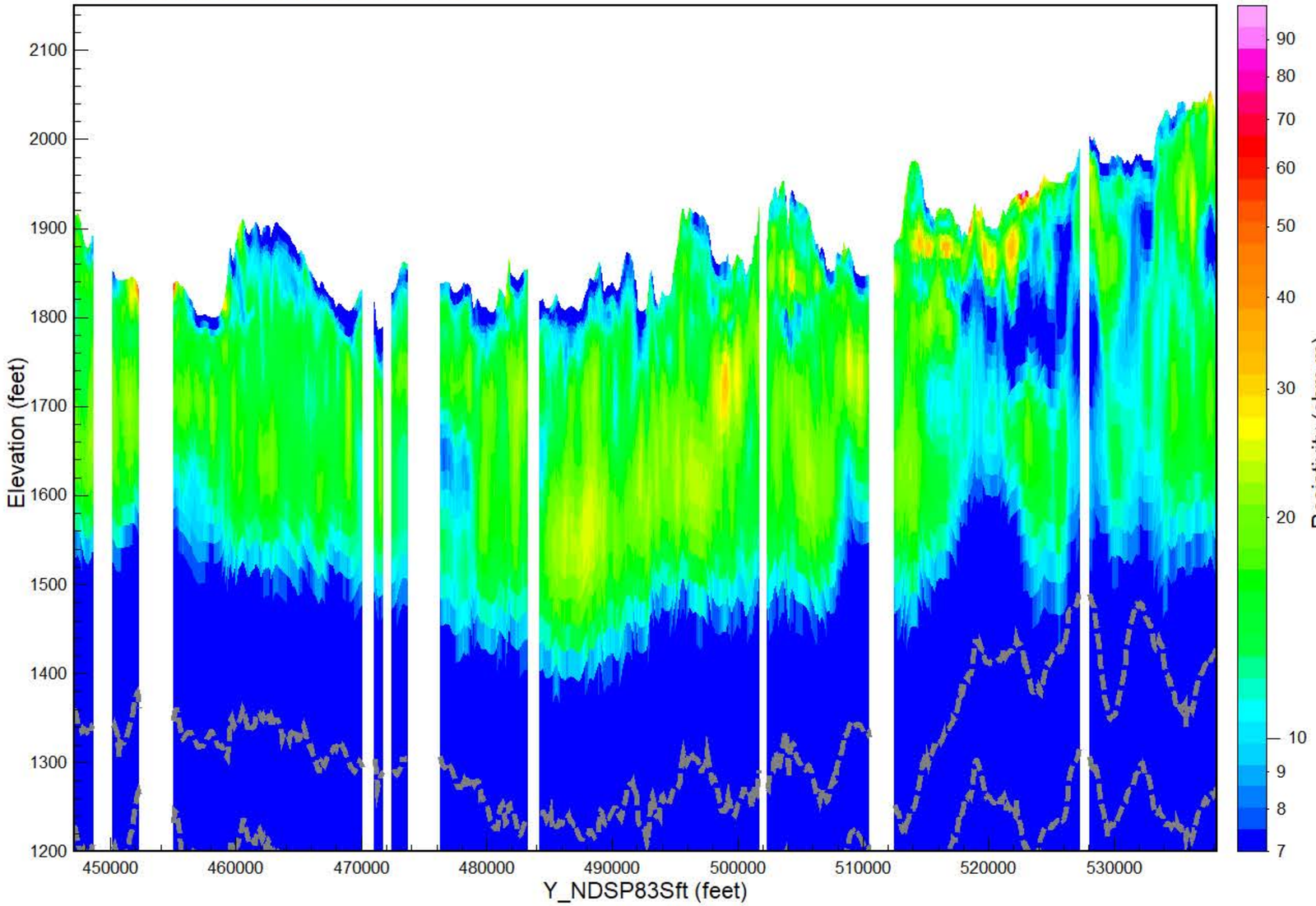
Flight Location Line L191002



AEM Survey Area 1



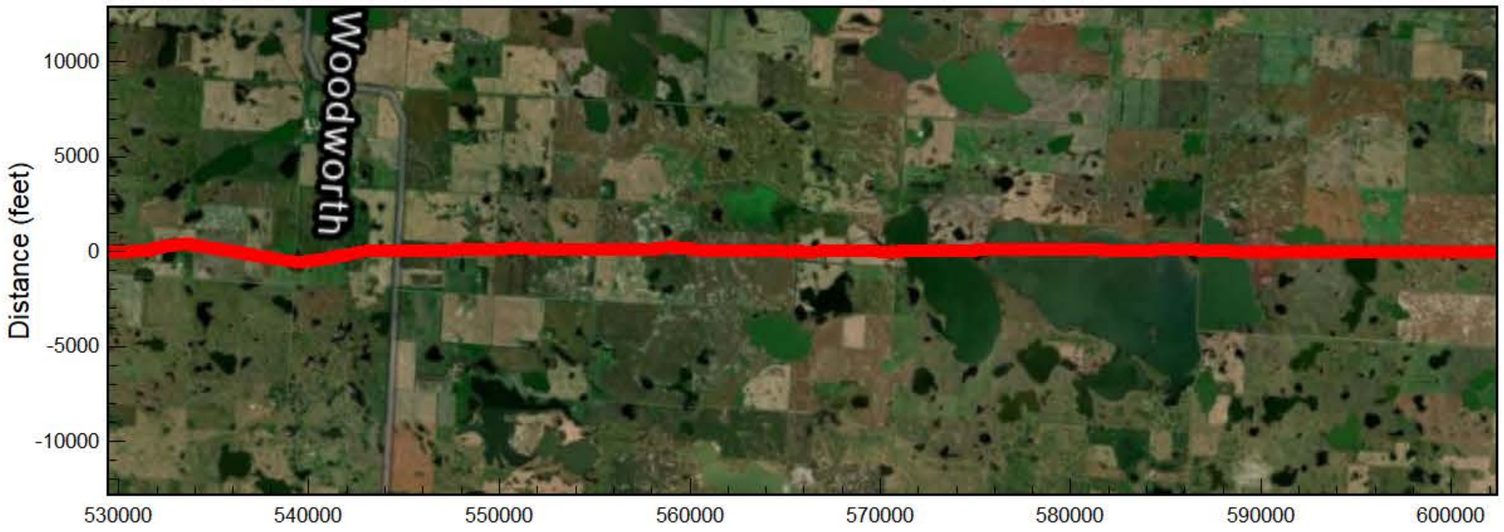
Final SCI Resistivity Line L191002



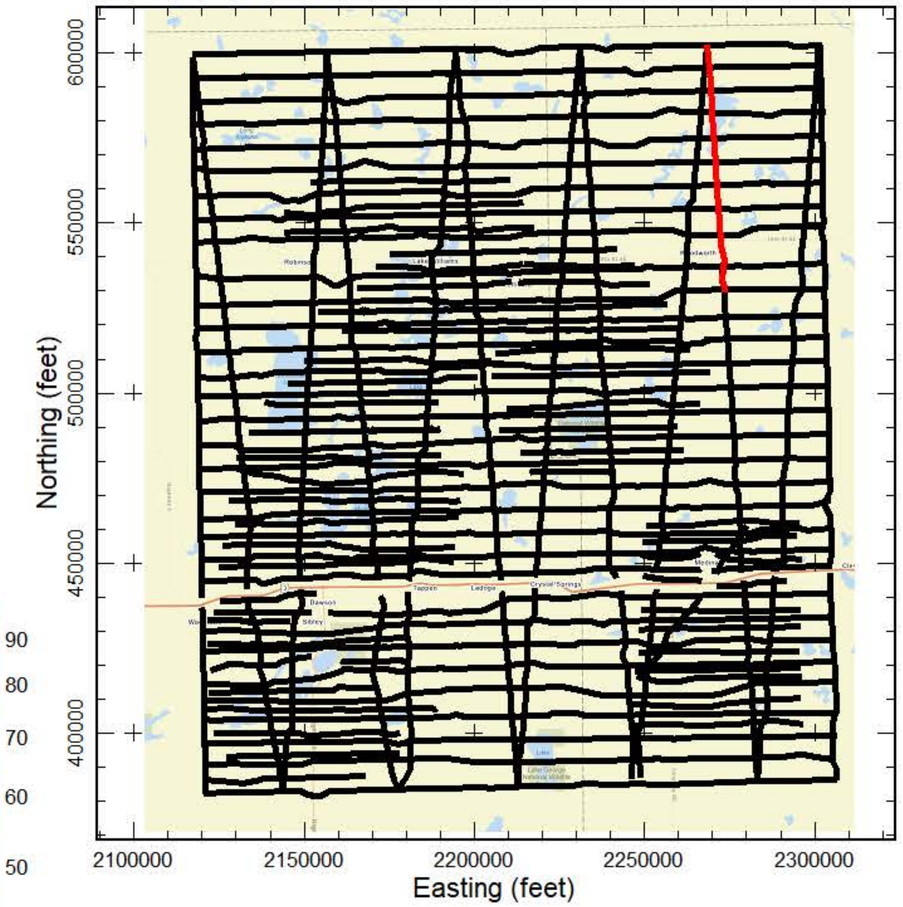
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

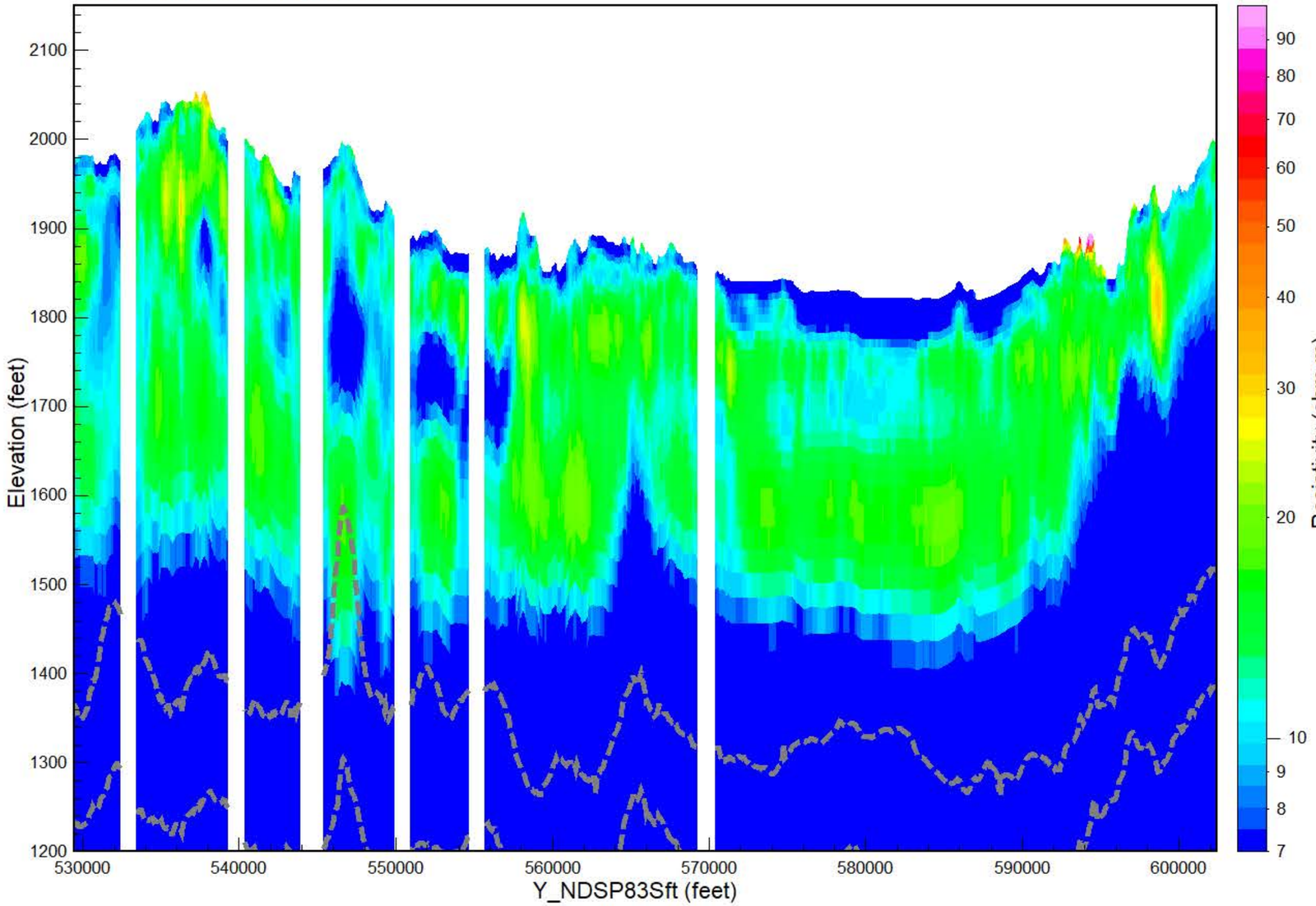
Flight Location Line L191003



AEM Survey Area 1



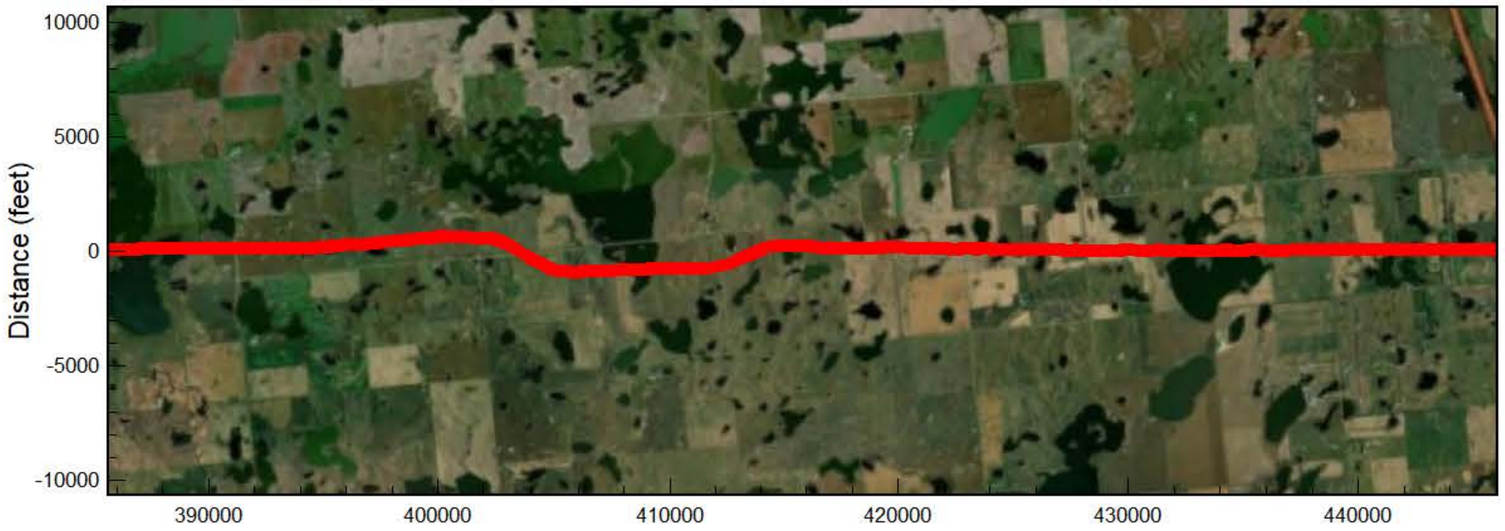
Final SCI Resistivity Line L191003



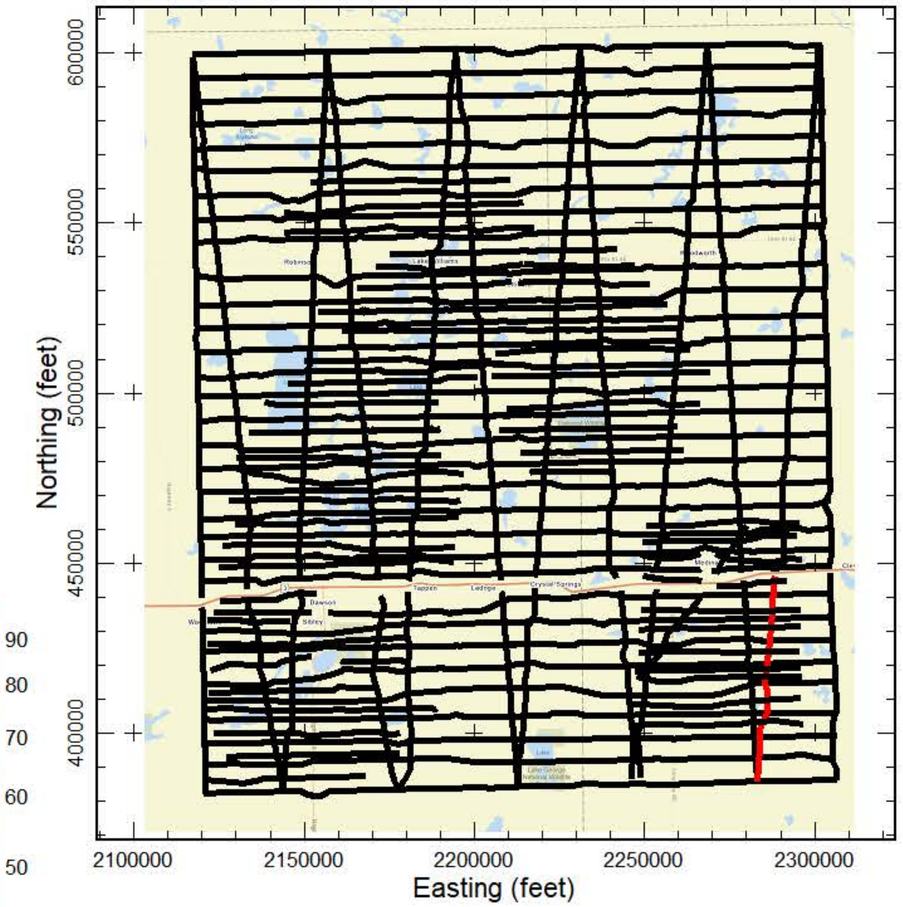
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

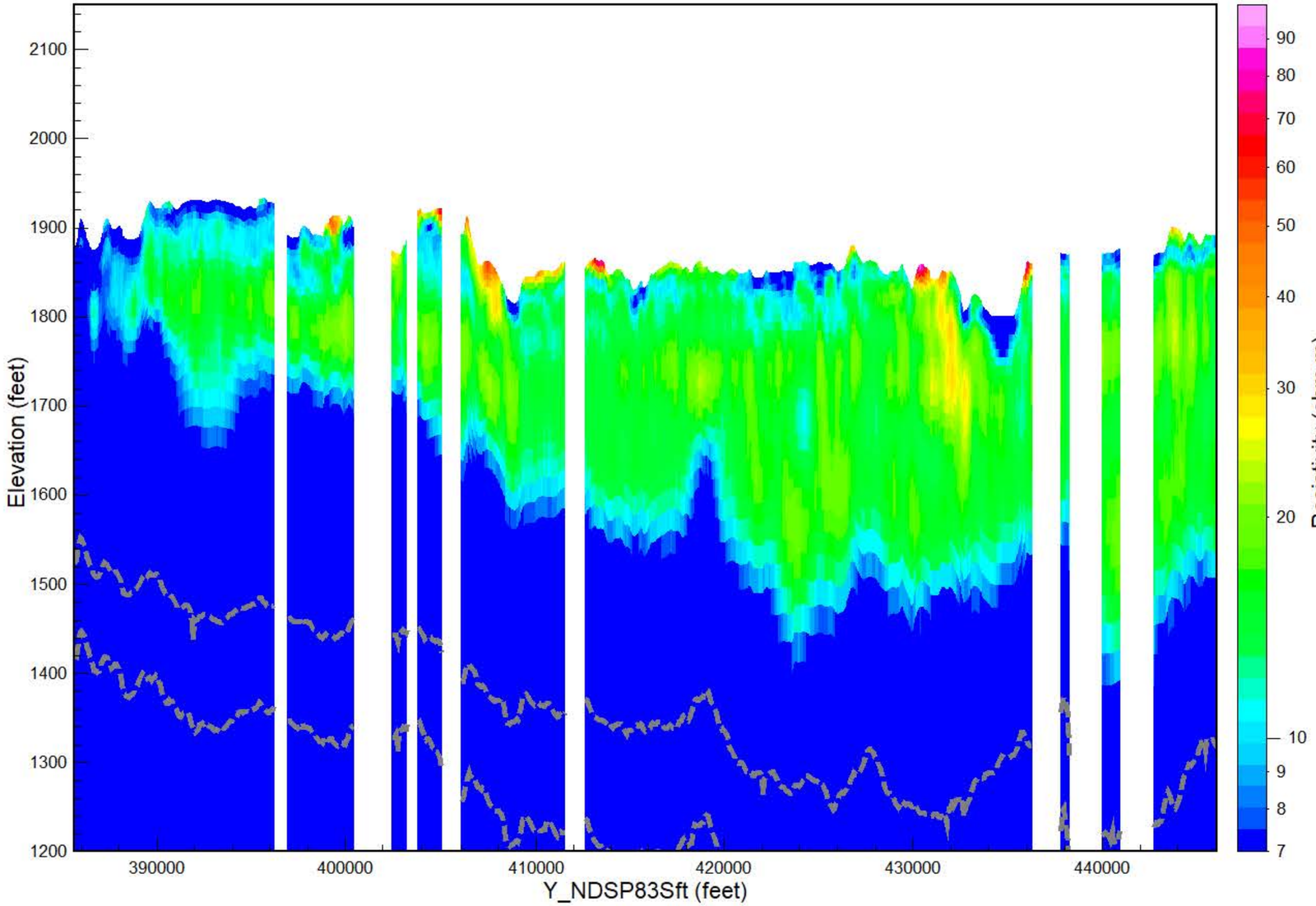
Flight Location Line L191101



AEM Survey Area 1



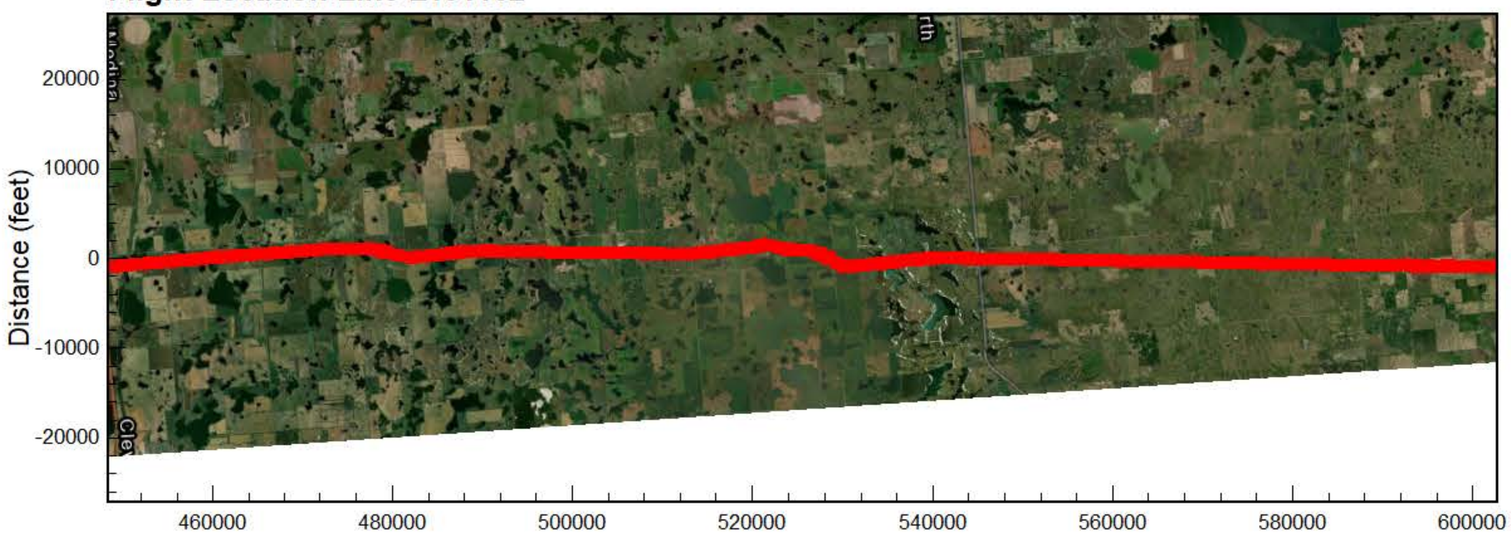
Final SCI Resistivity Line L191101



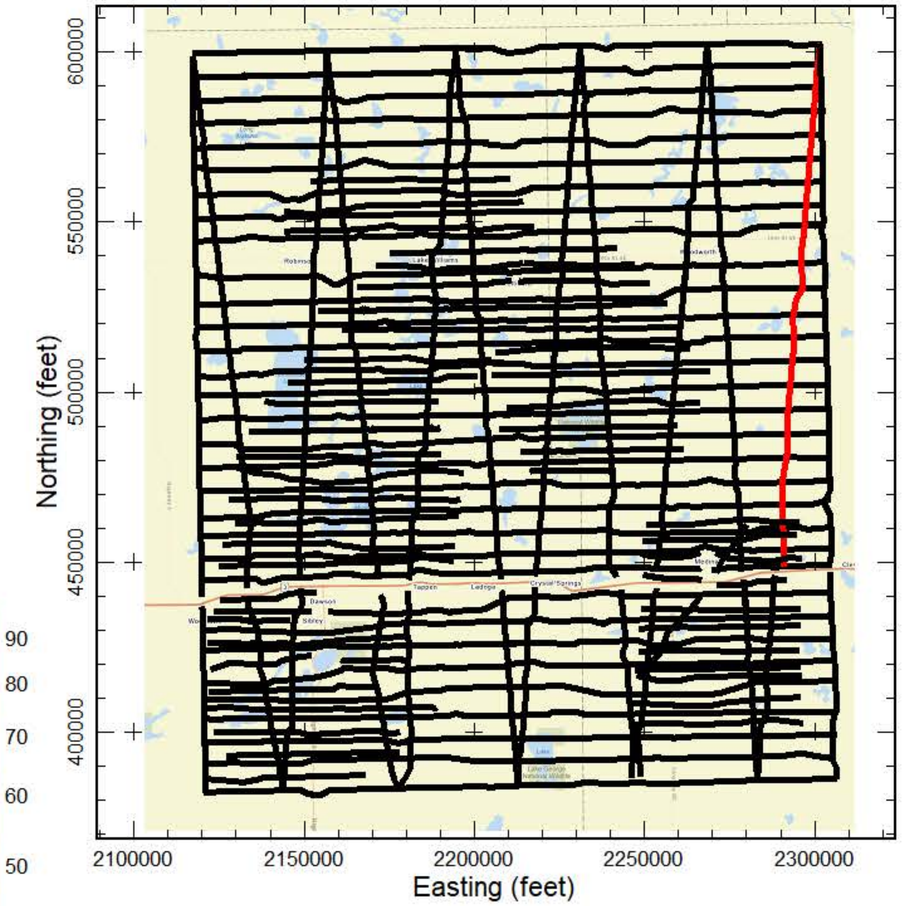
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

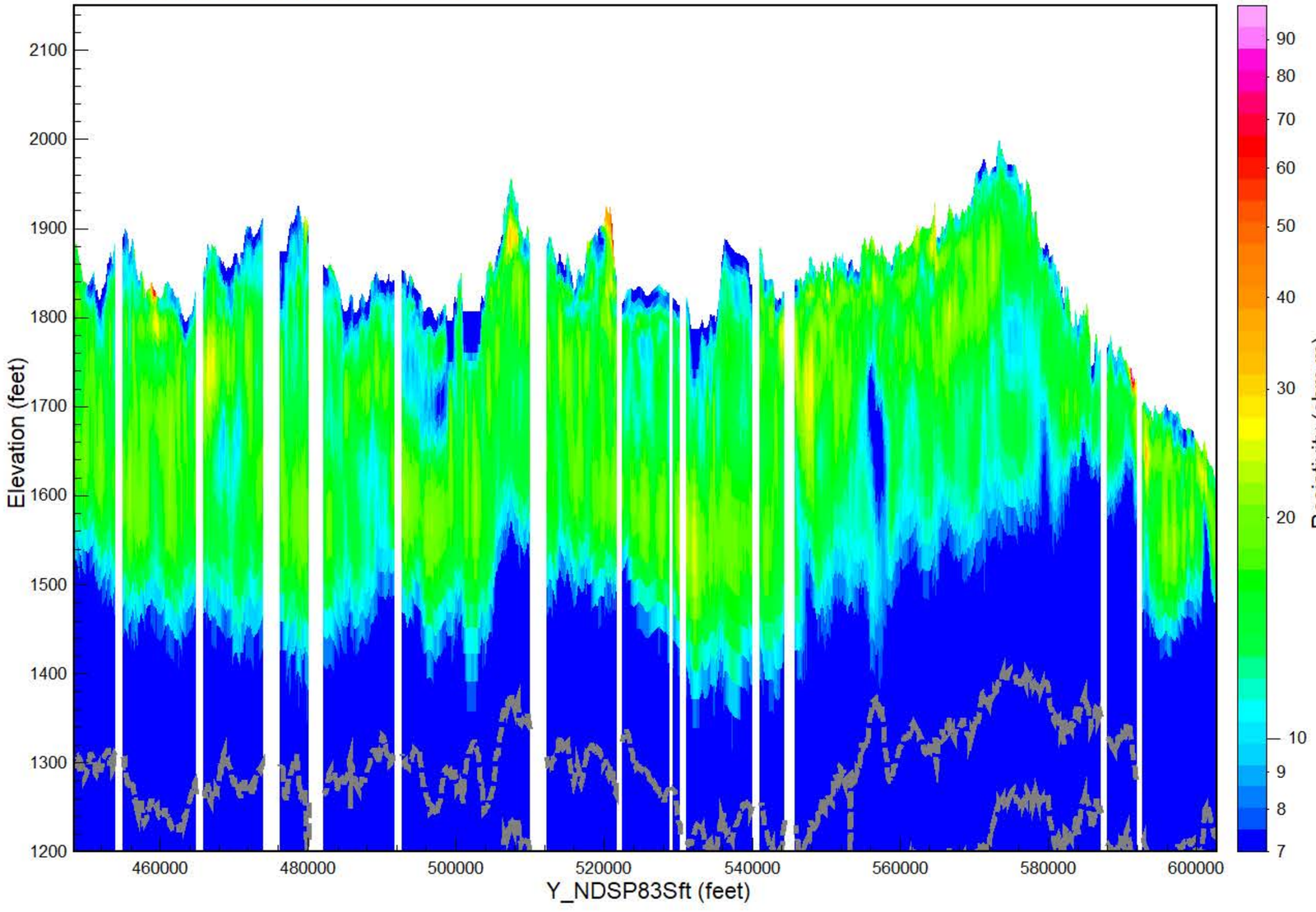
Flight Location Line L191102



AEM Survey Area 1



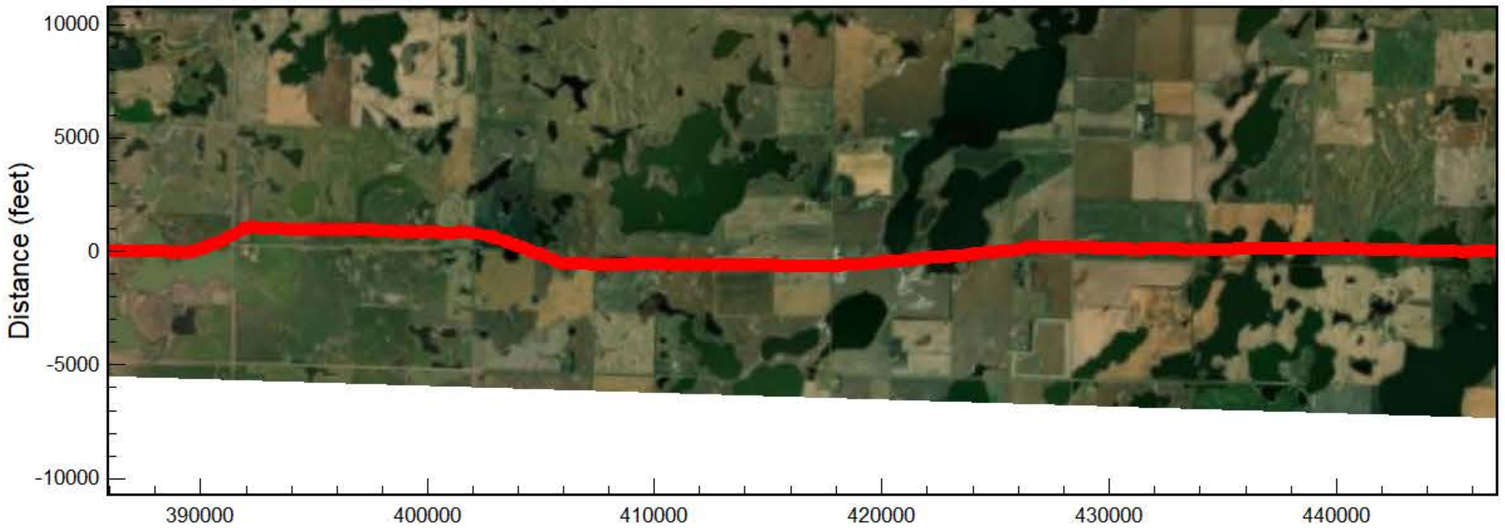
Final SCI Resistivity Line L191102



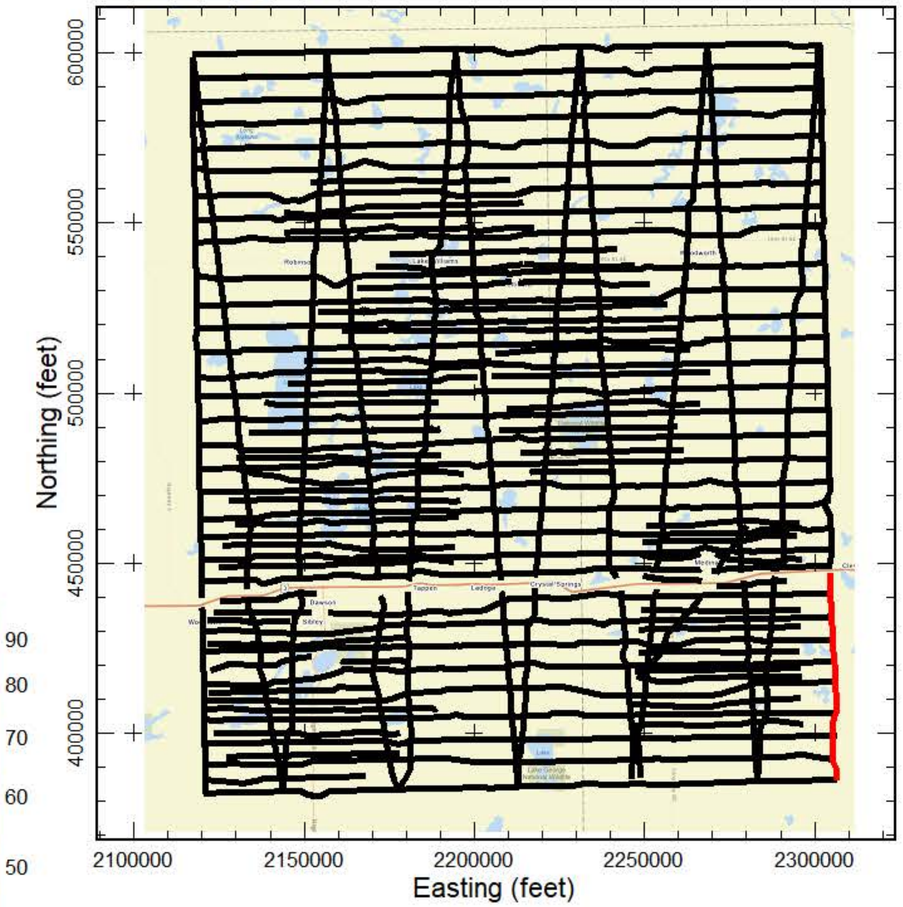
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

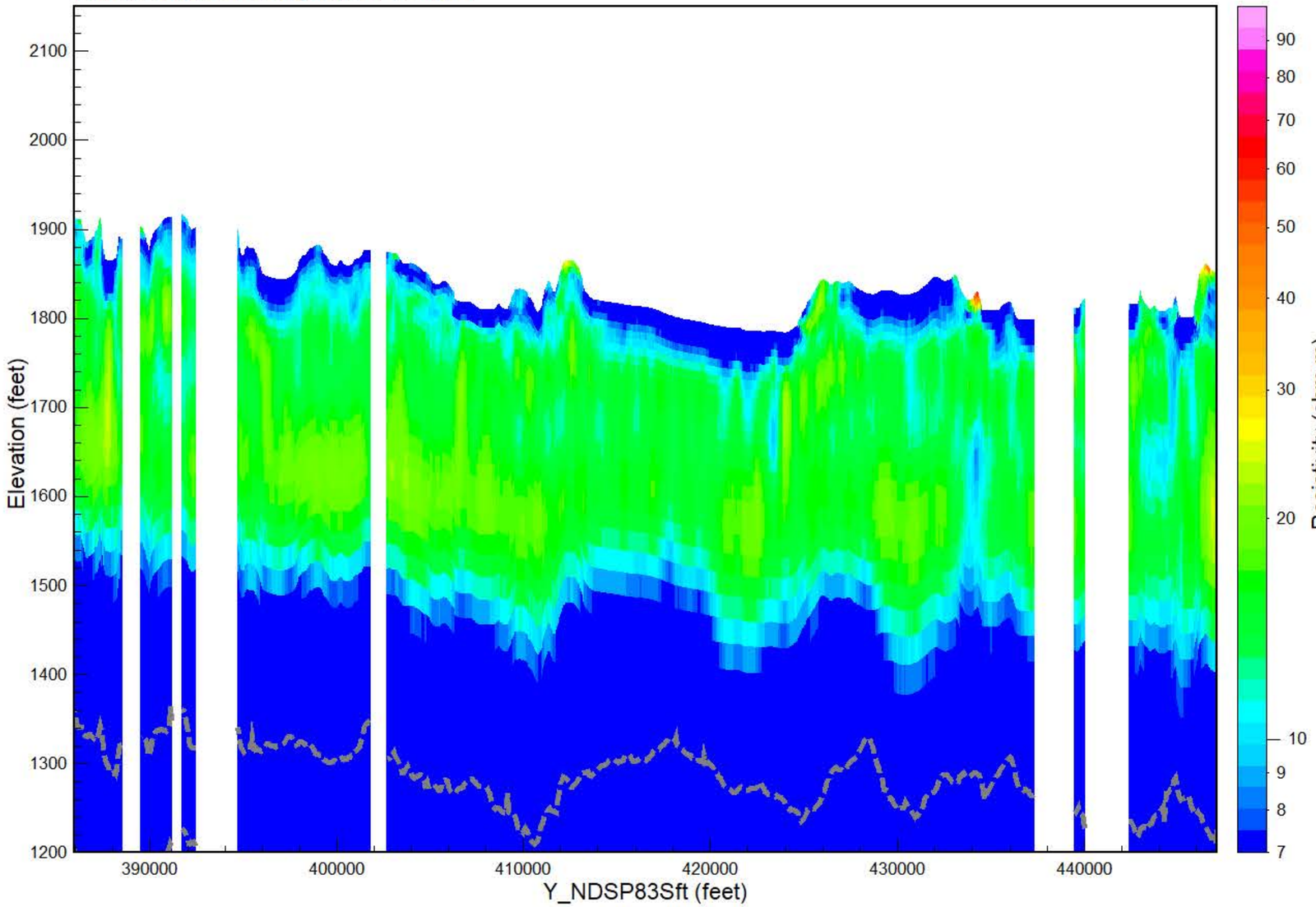
Flight Location Line L191201



AEM Survey Area 1



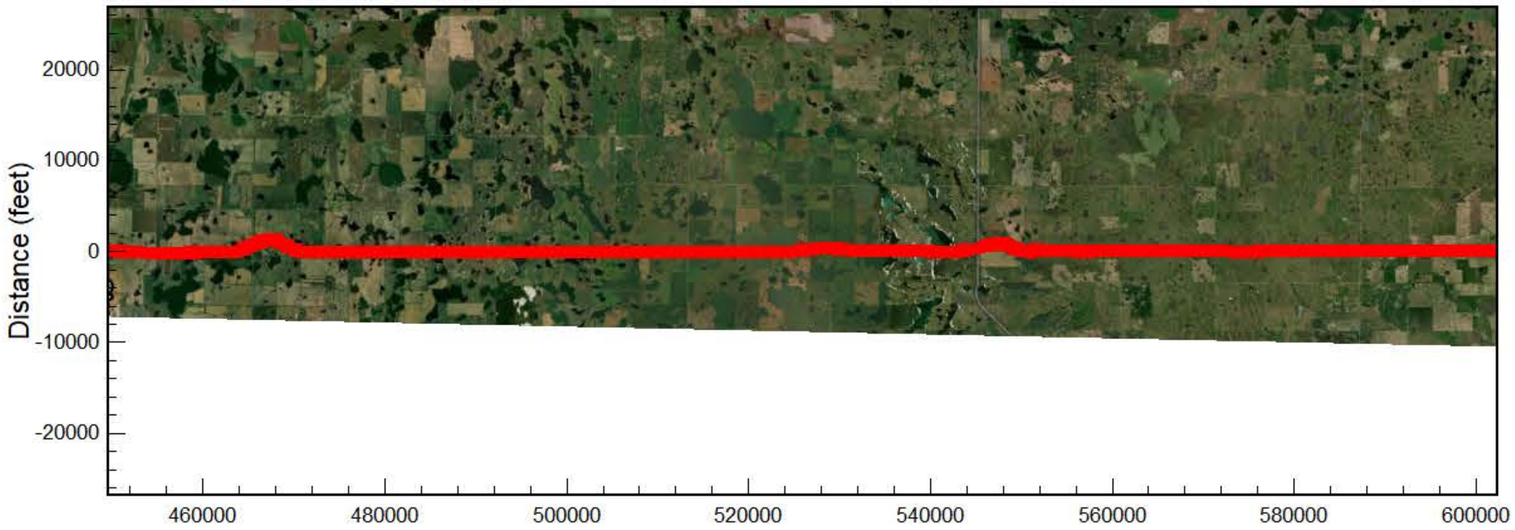
Final SCI Resistivity Line L191201



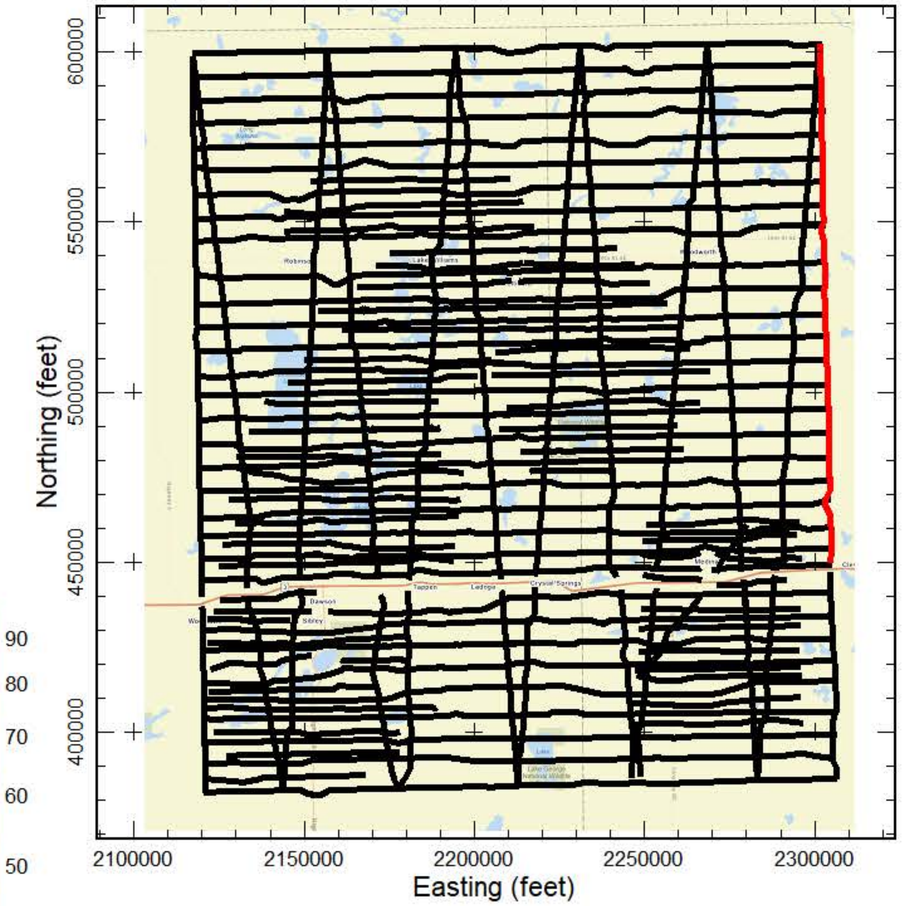
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

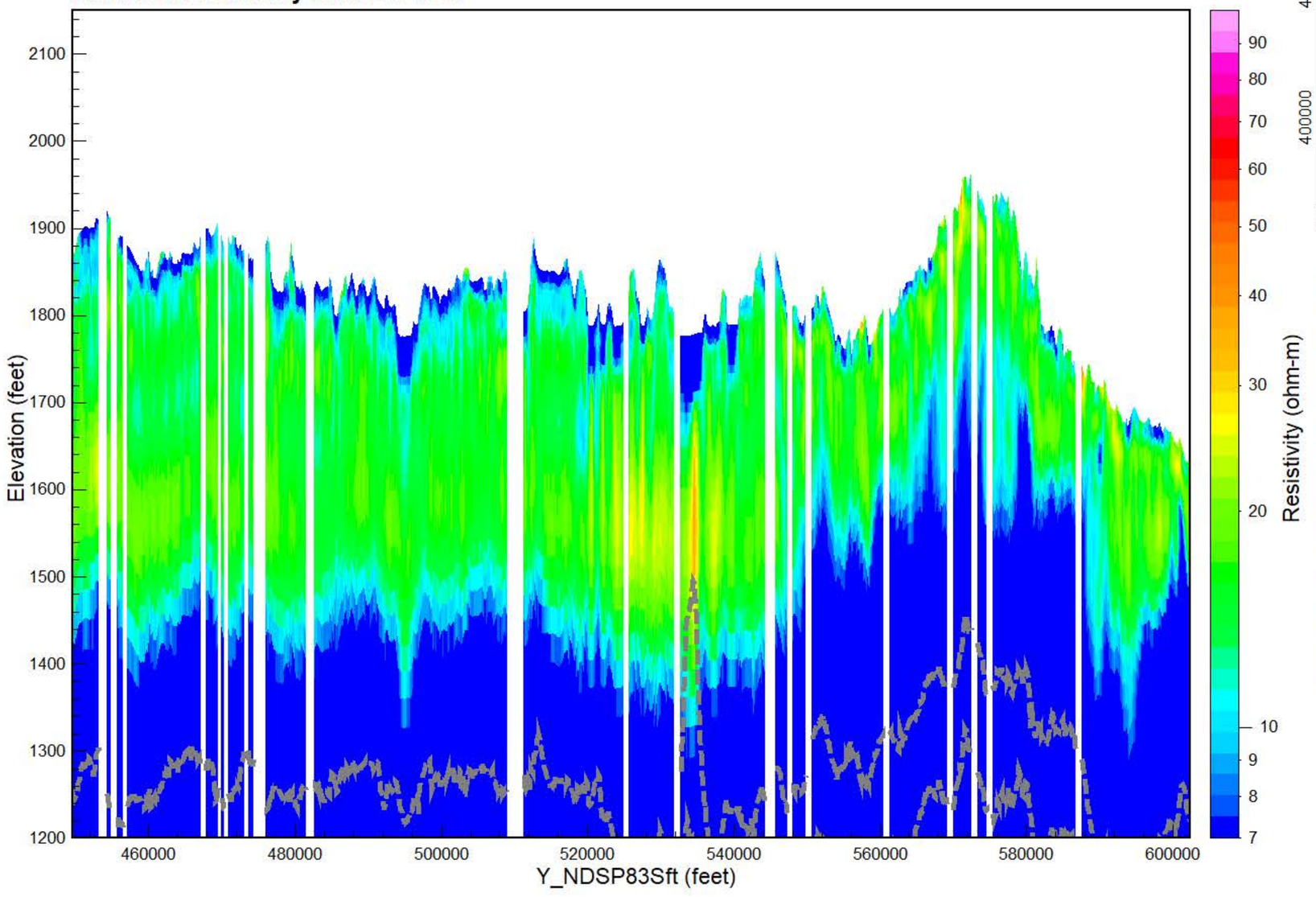
Flight Location Line L191202



AEM Survey Area 1



Final SCI Resistivity Line L191202



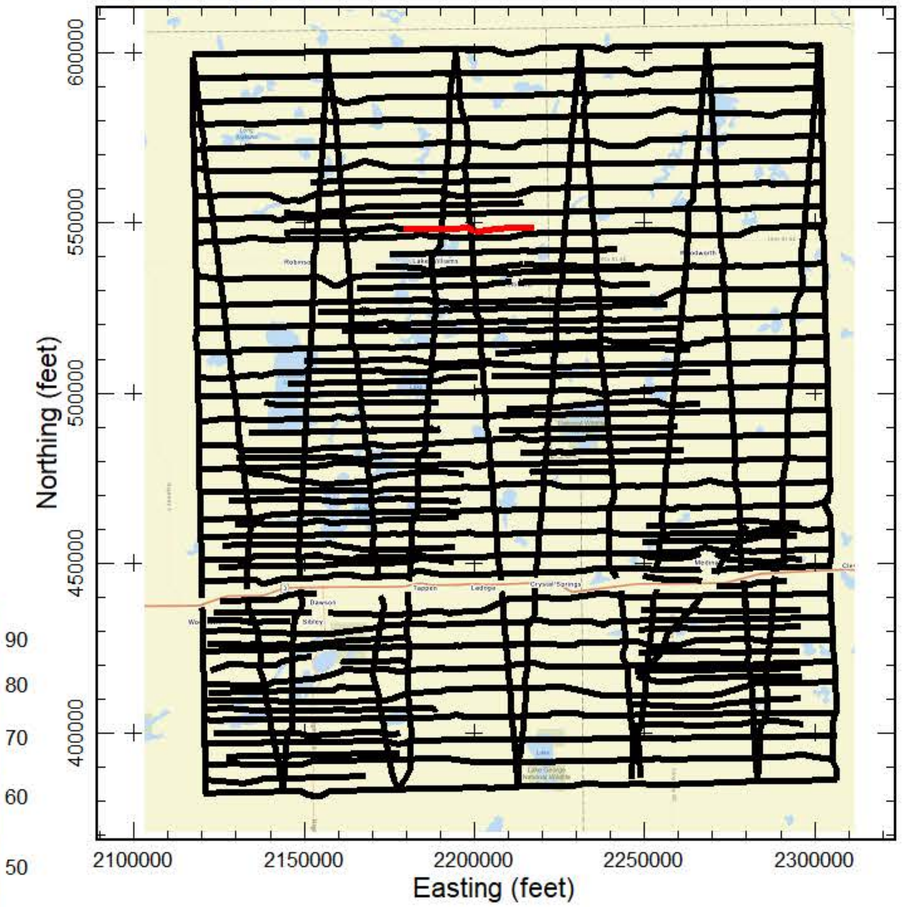
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

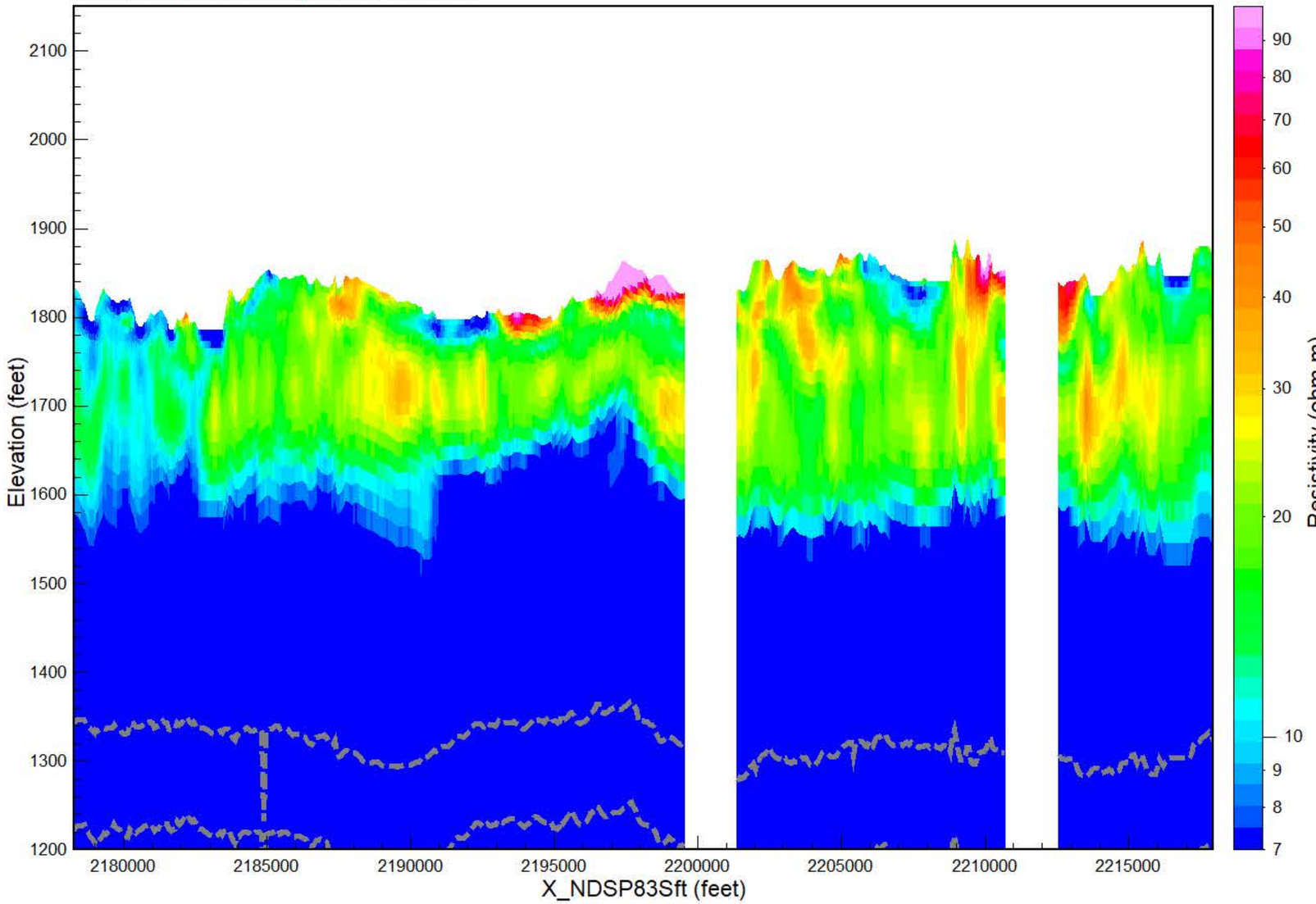
Flight Location Line L500101



AEM Survey Area 1



Final SCI Resistivity Line L500101



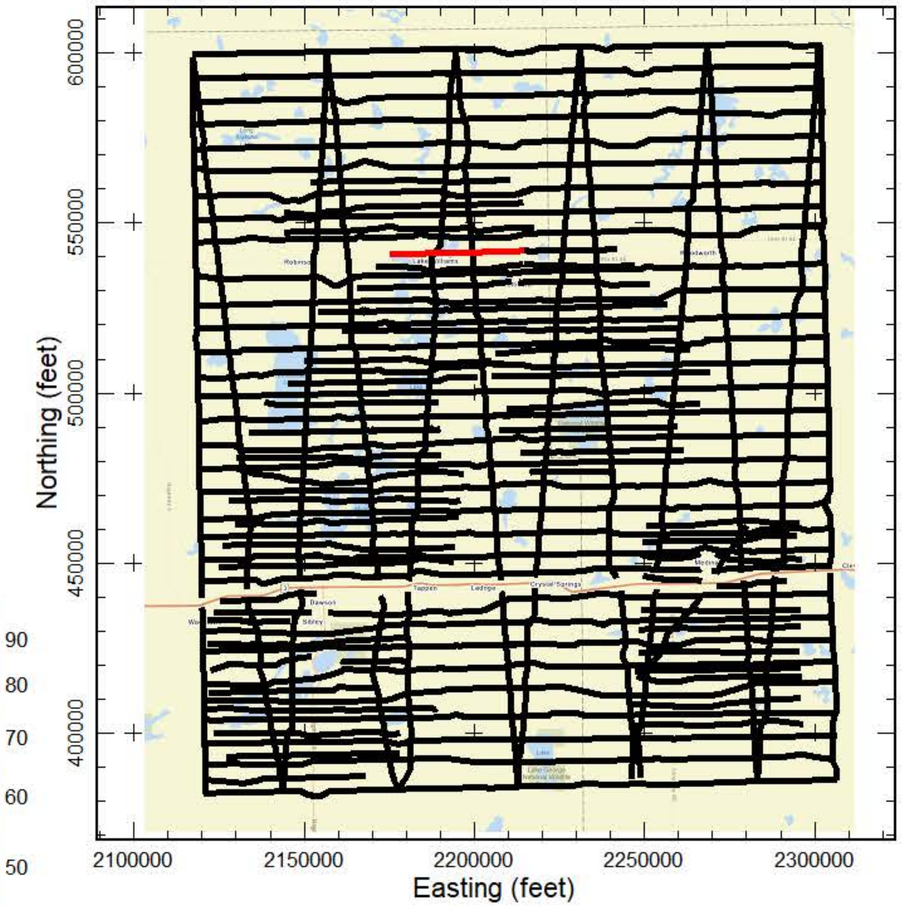
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

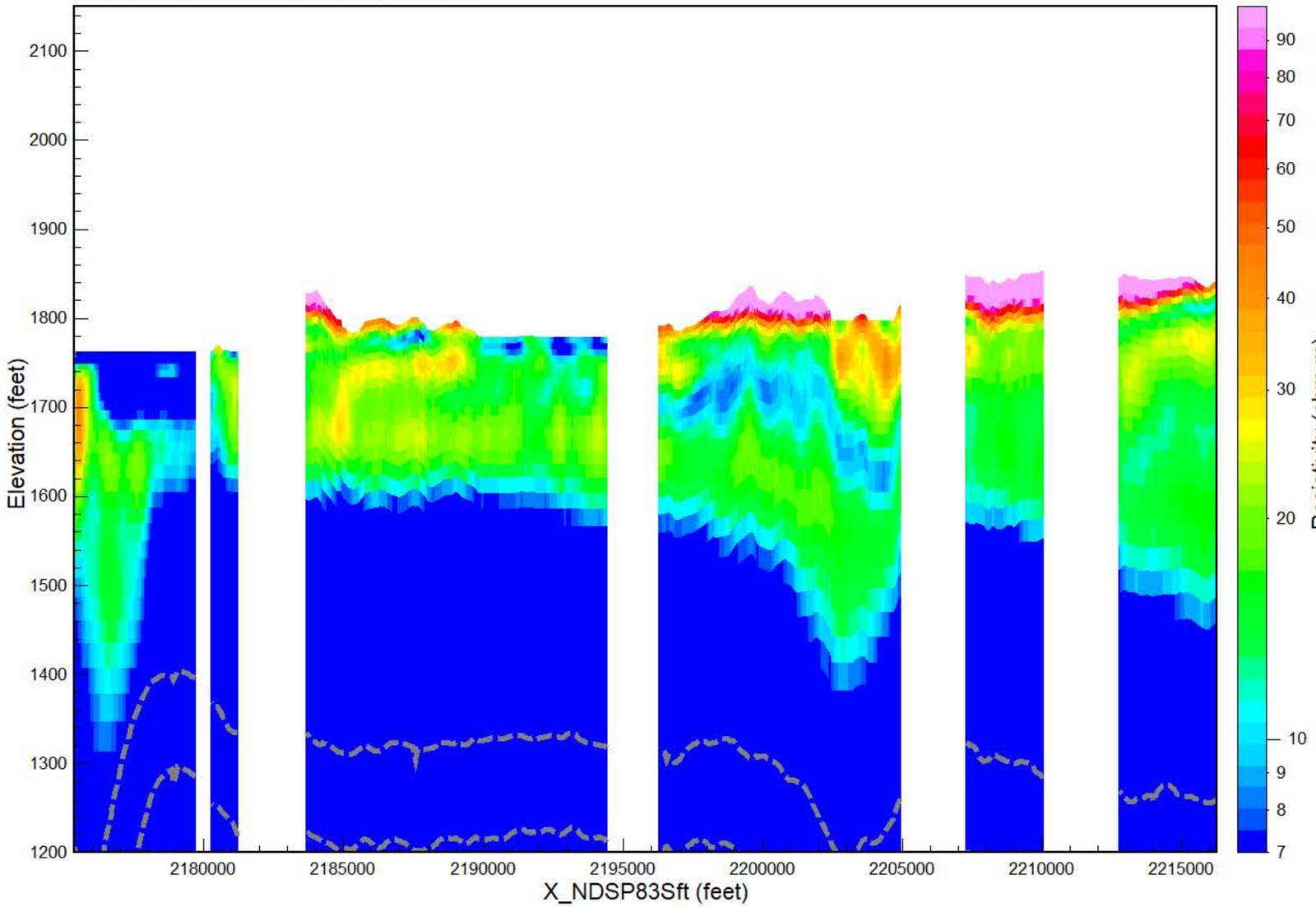
Flight Location Line L500201



AEM Survey Area 1



Final SCI Resistivity Line L500201



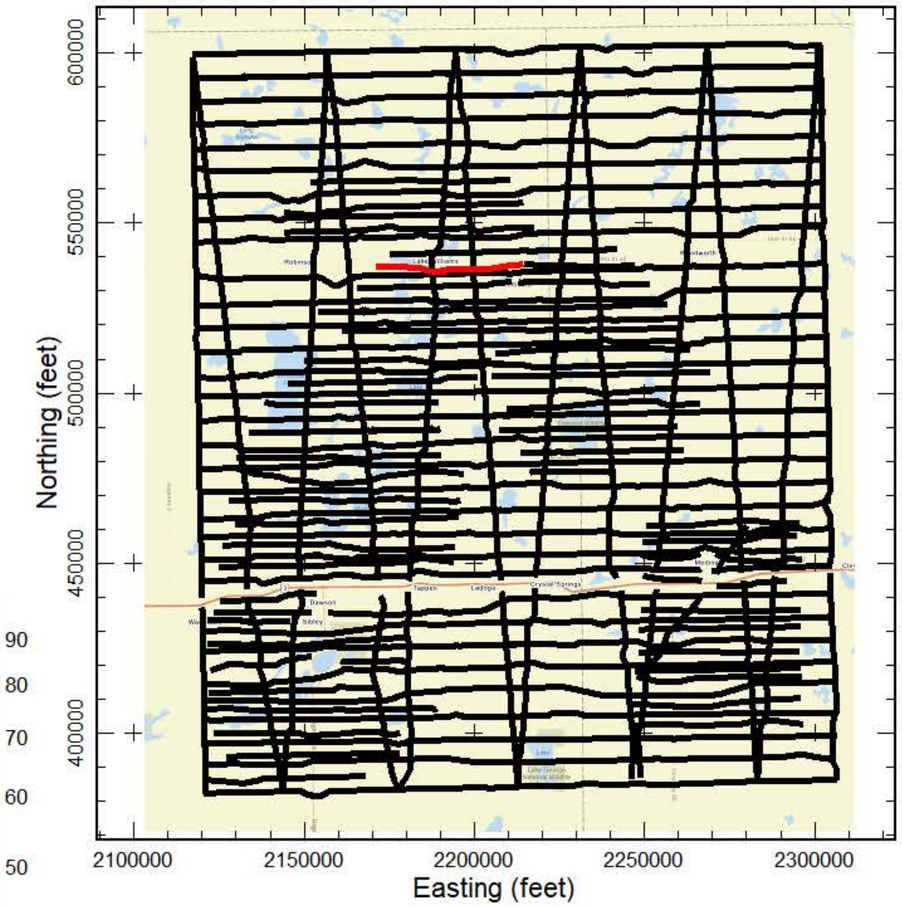
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

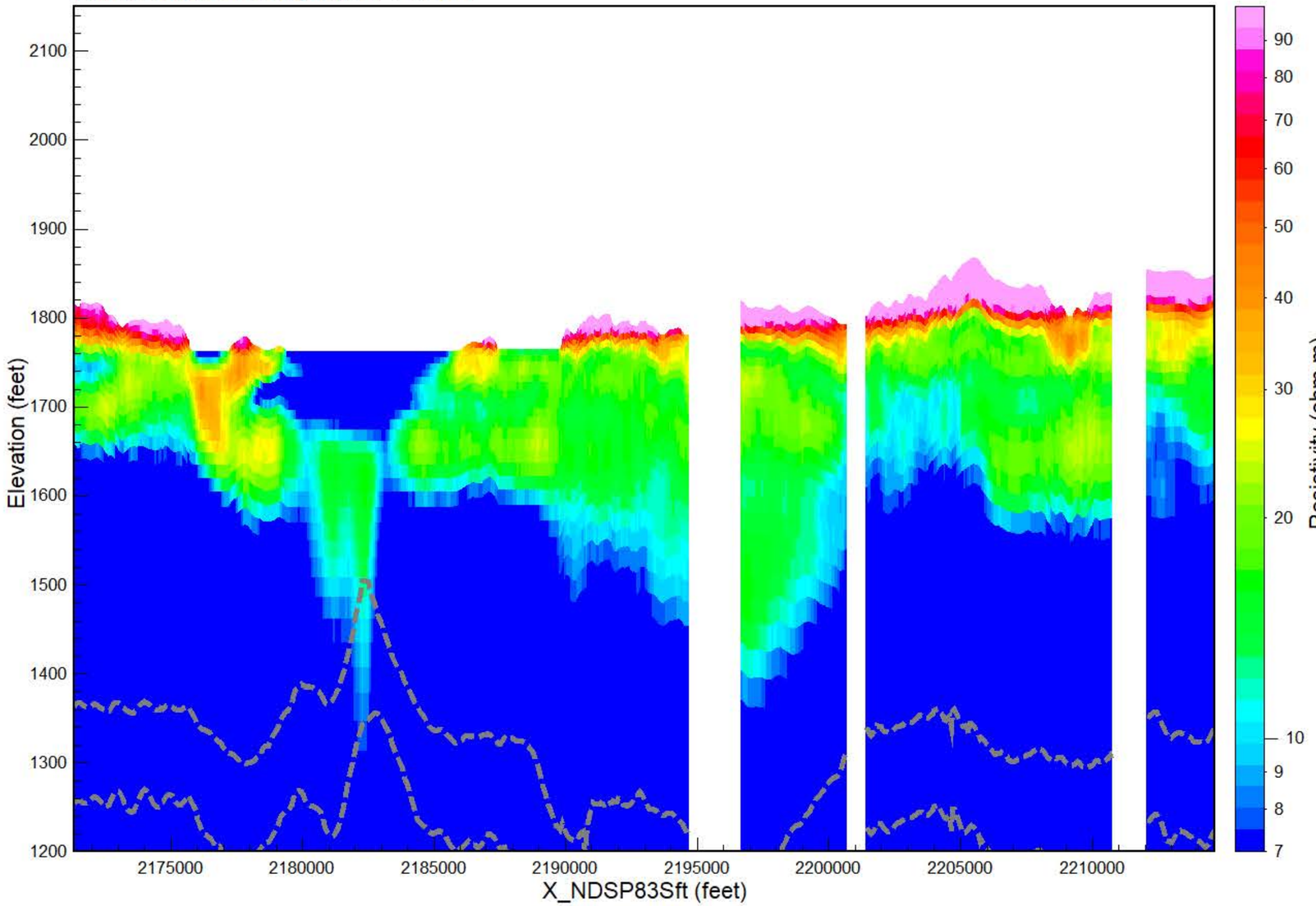
Flight Location Line L500301



AEM Survey Area 1



Final SCI Resistivity Line L500301



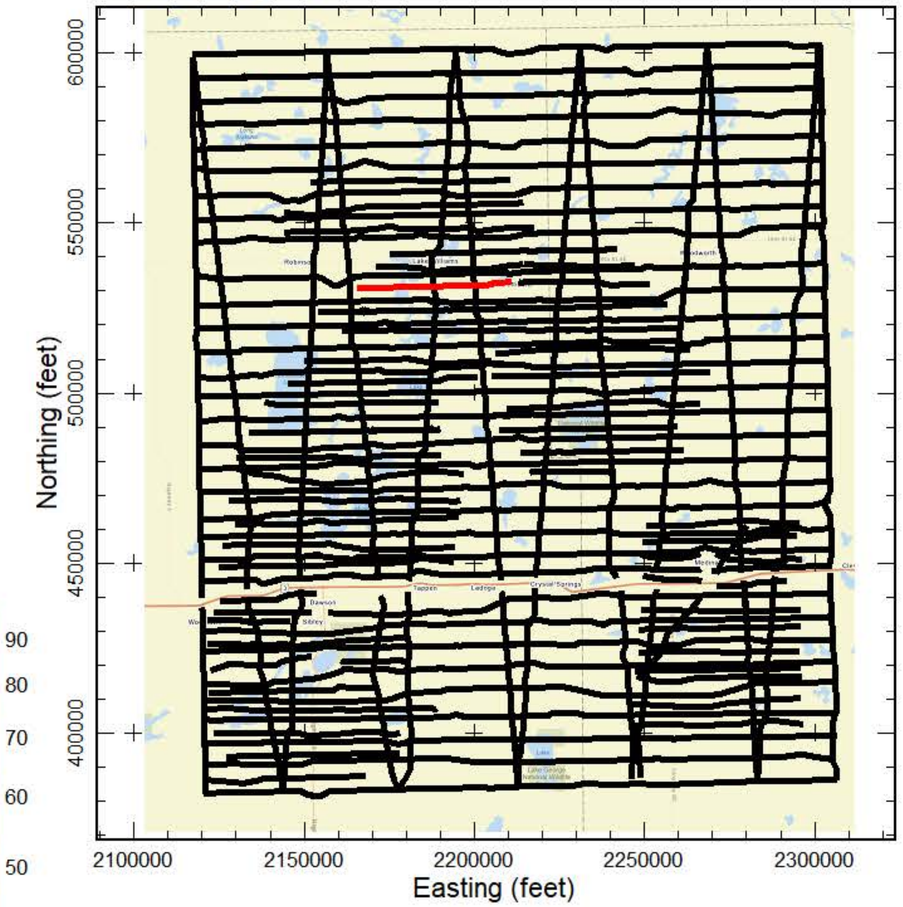
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

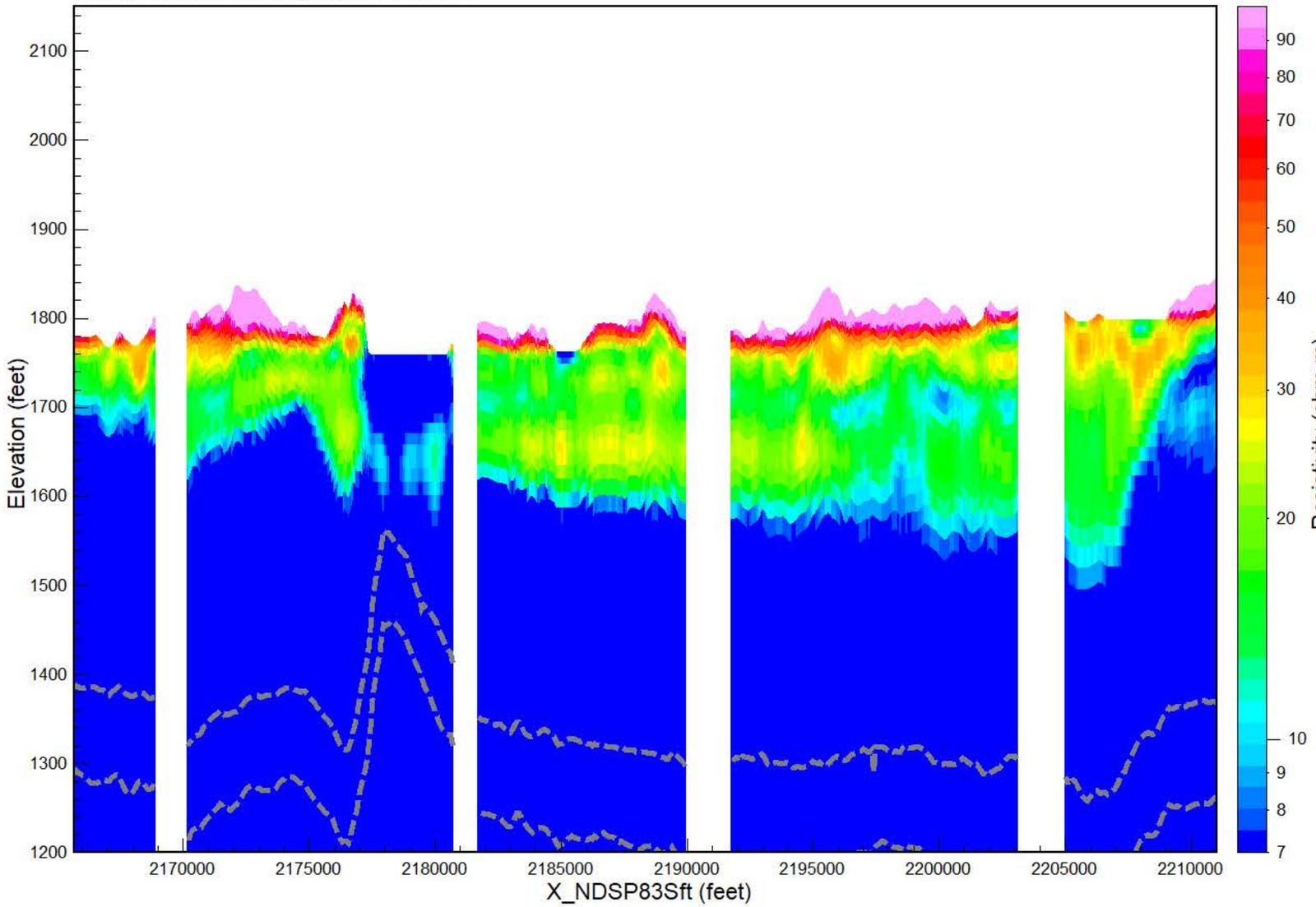
Flight Location Line L500401



AEM Survey Area 1



Final SCI Resistivity Line L500401



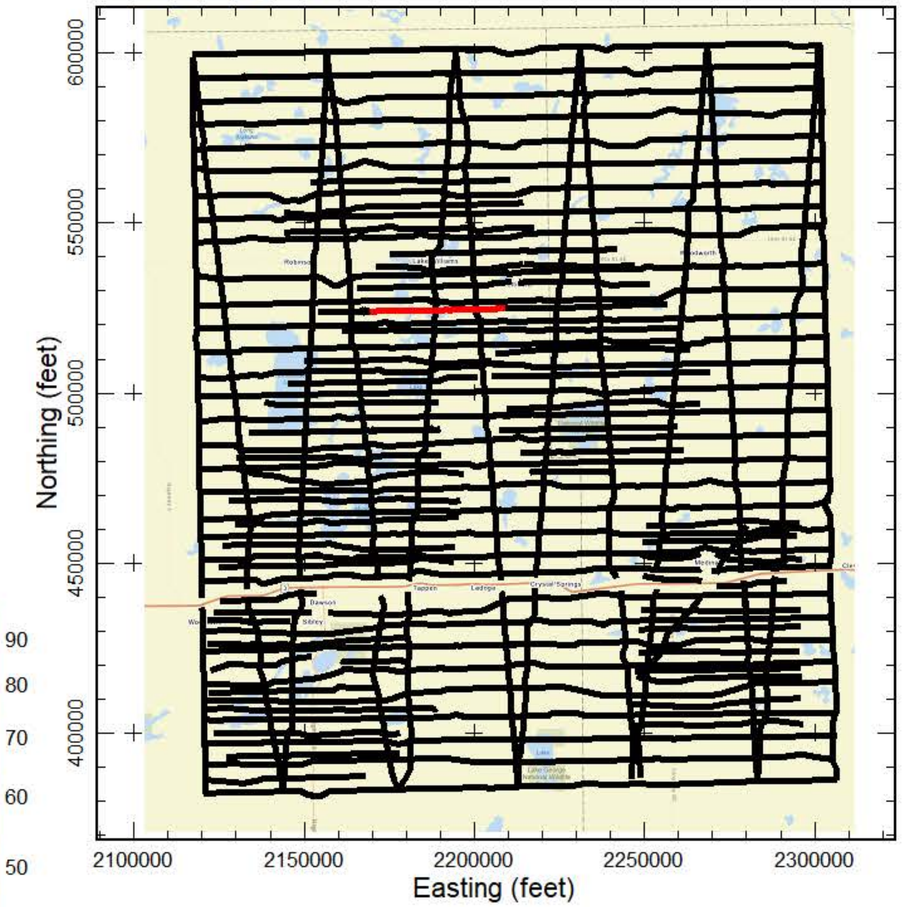
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

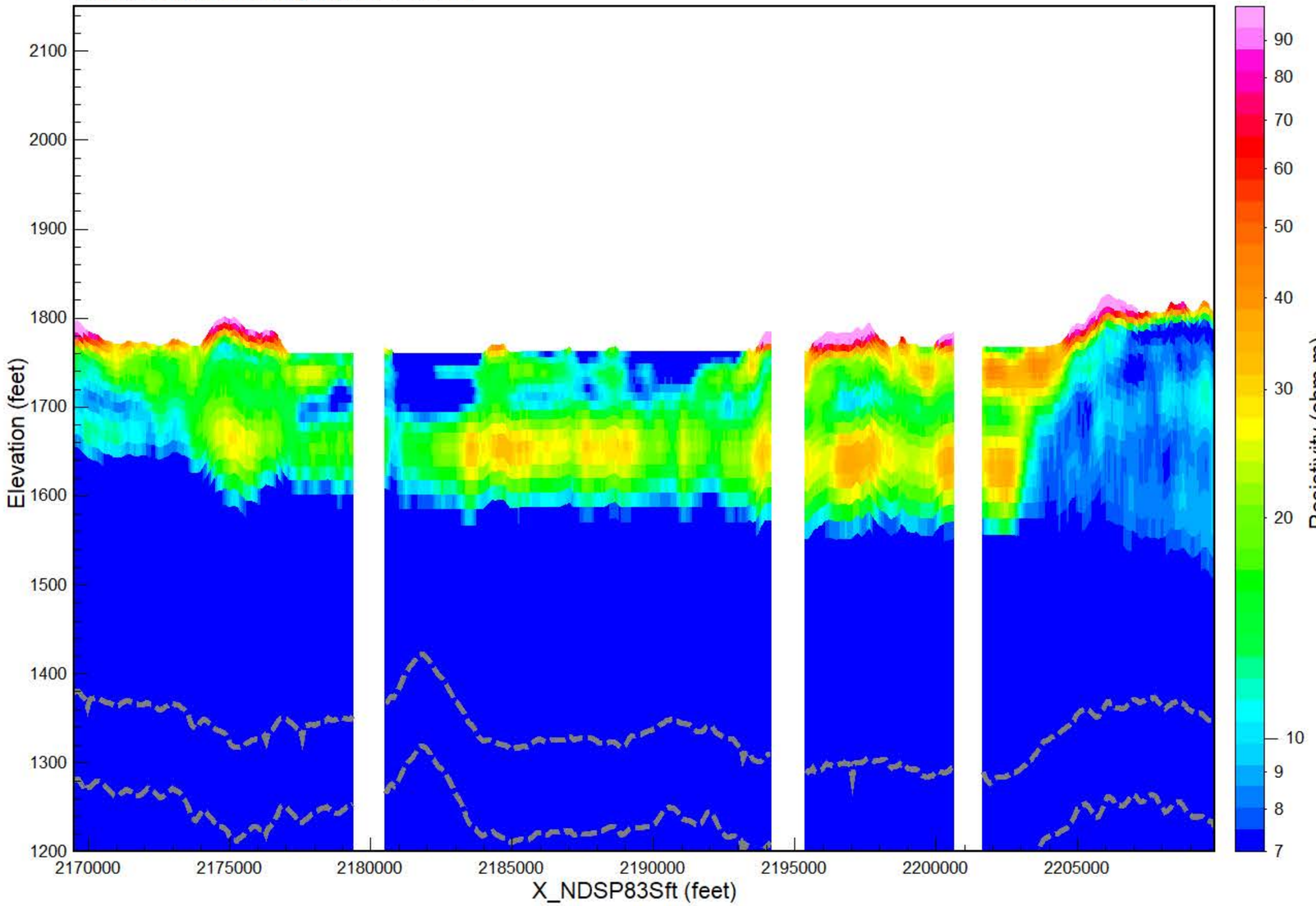
Flight Location Line L500501



AEM Survey Area 1



Final SCI Resistivity Line L500501



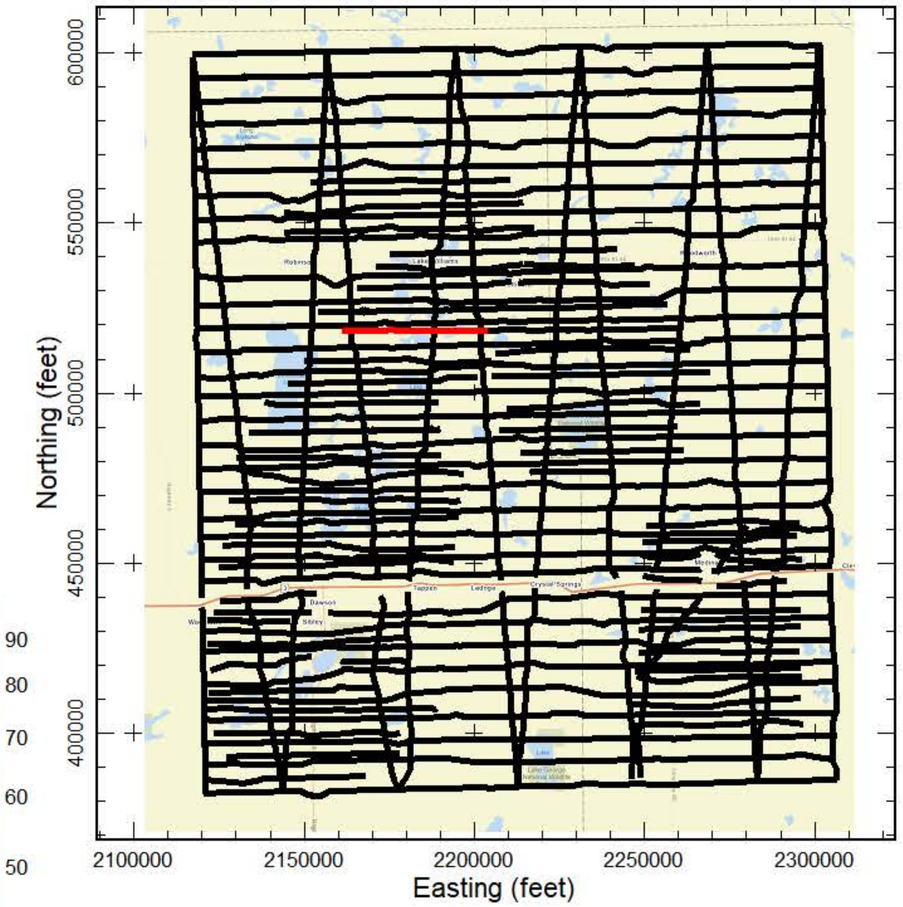
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

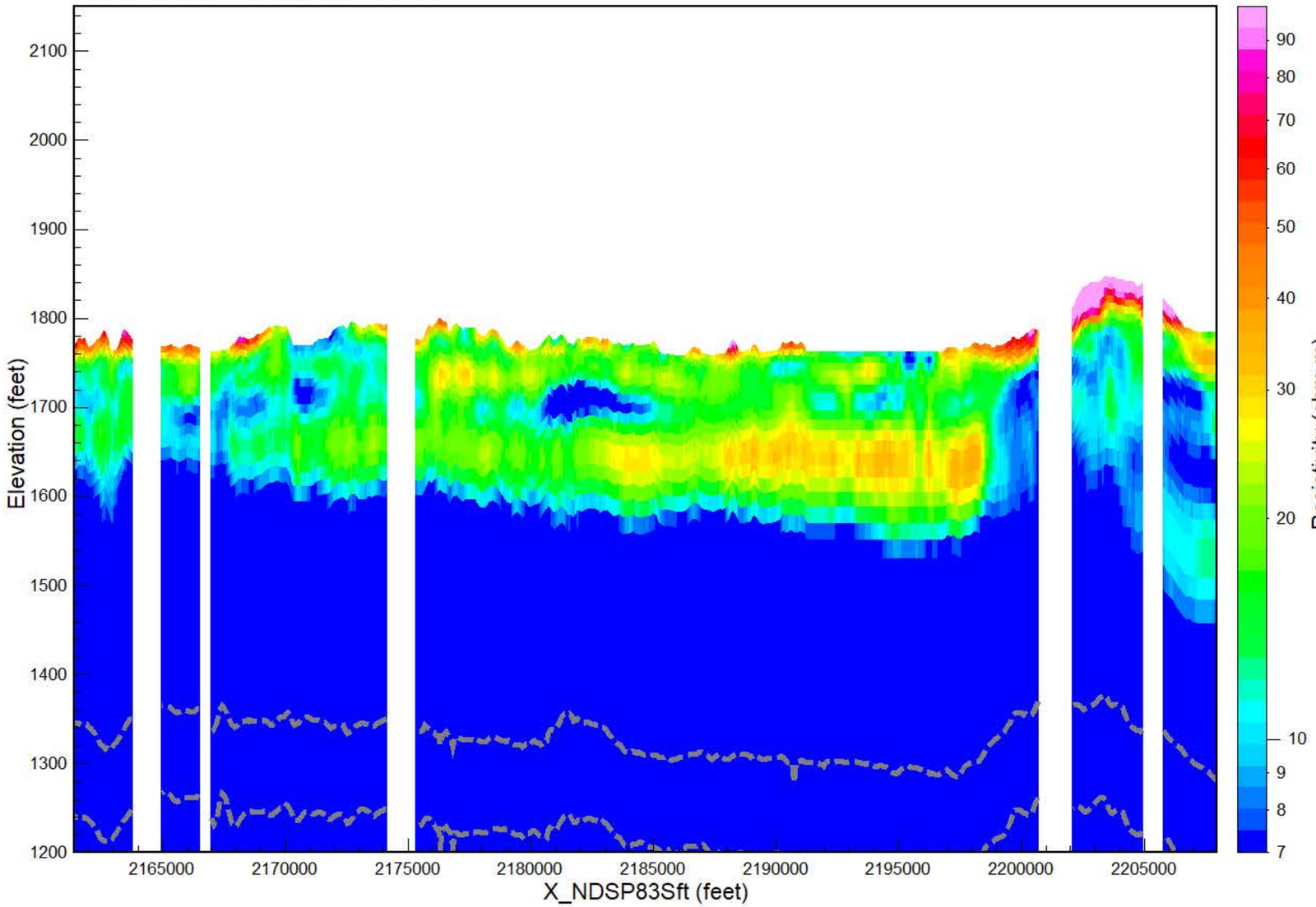
Flight Location Line L500601



AEM Survey Area 1



Final SCI Resistivity Line L500601



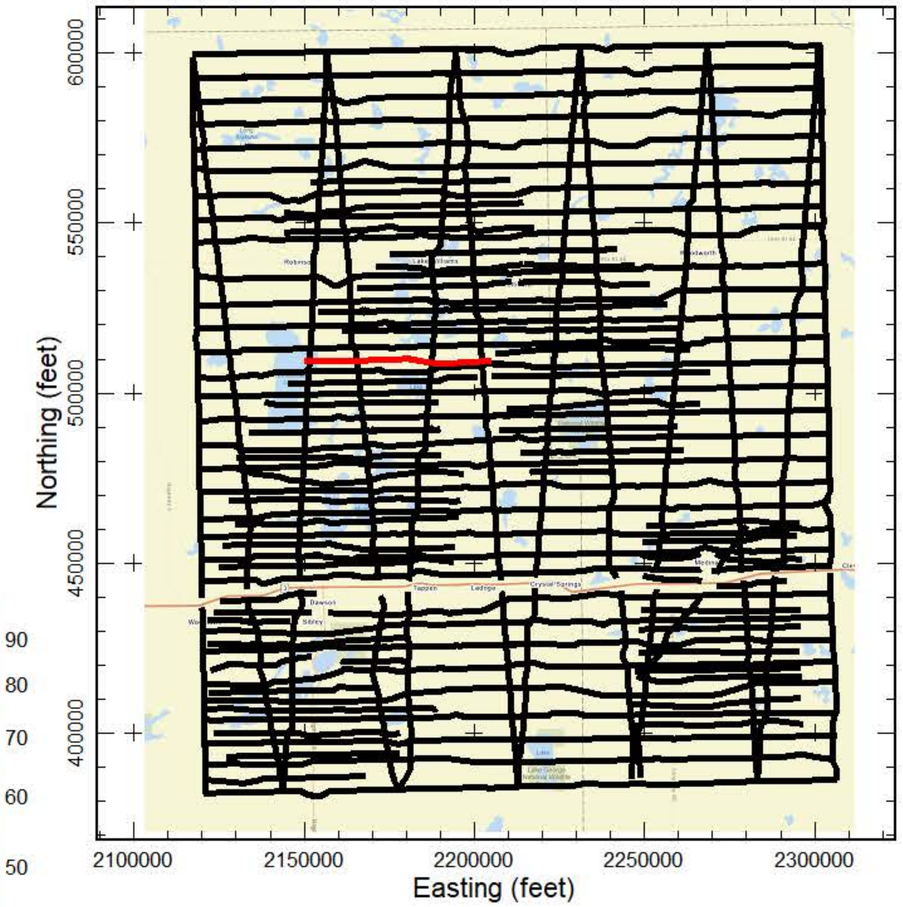
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

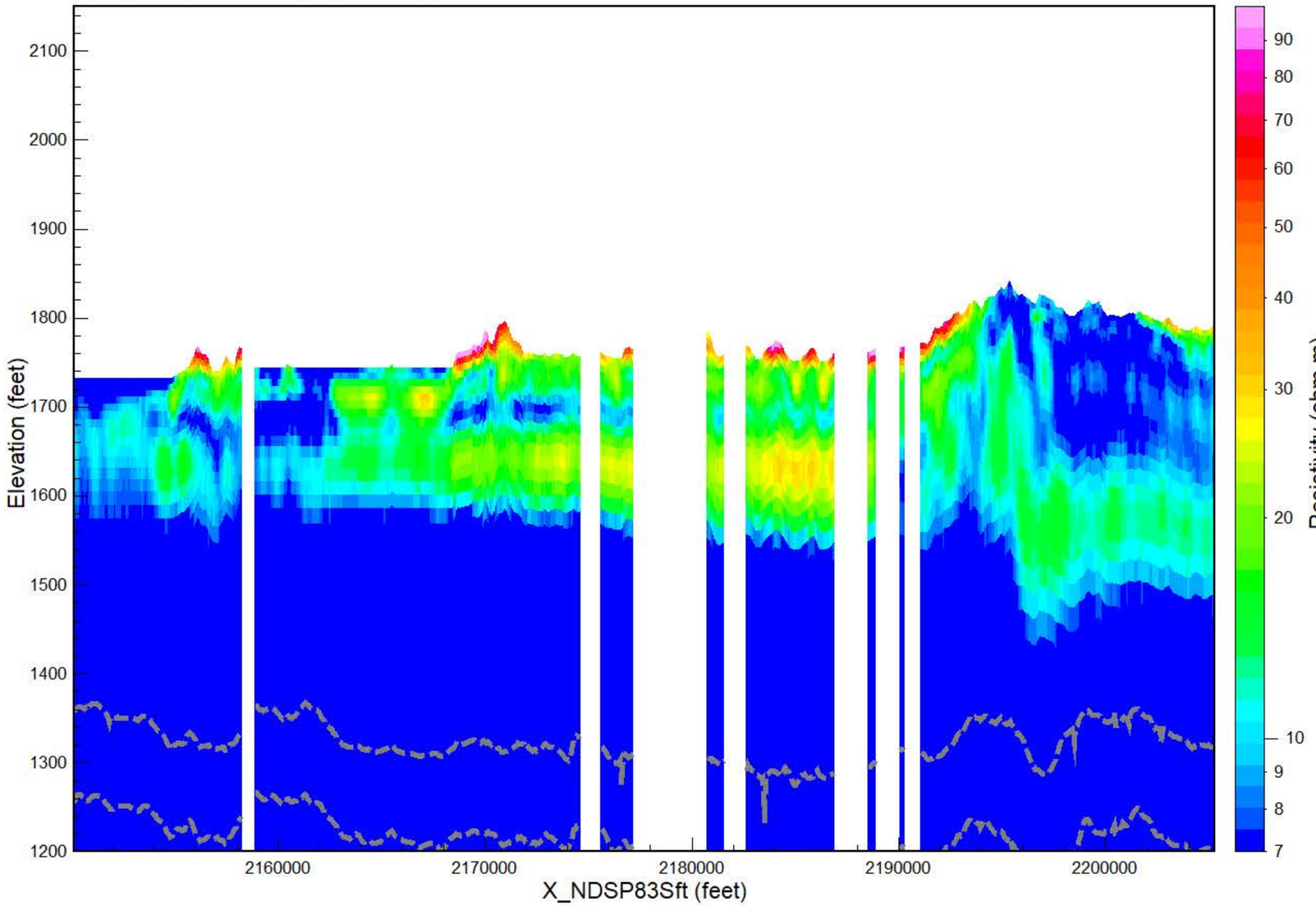
Flight Location Line L500701



AEM Survey Area 1



Final SCI Resistivity Line L500701



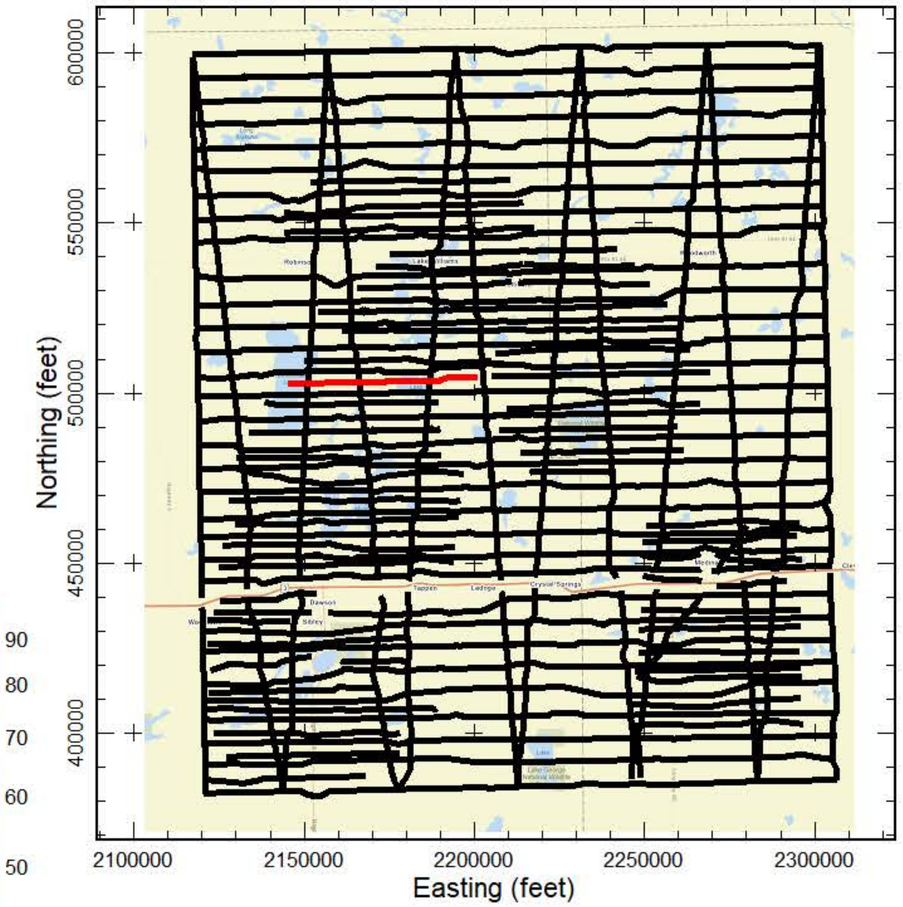
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

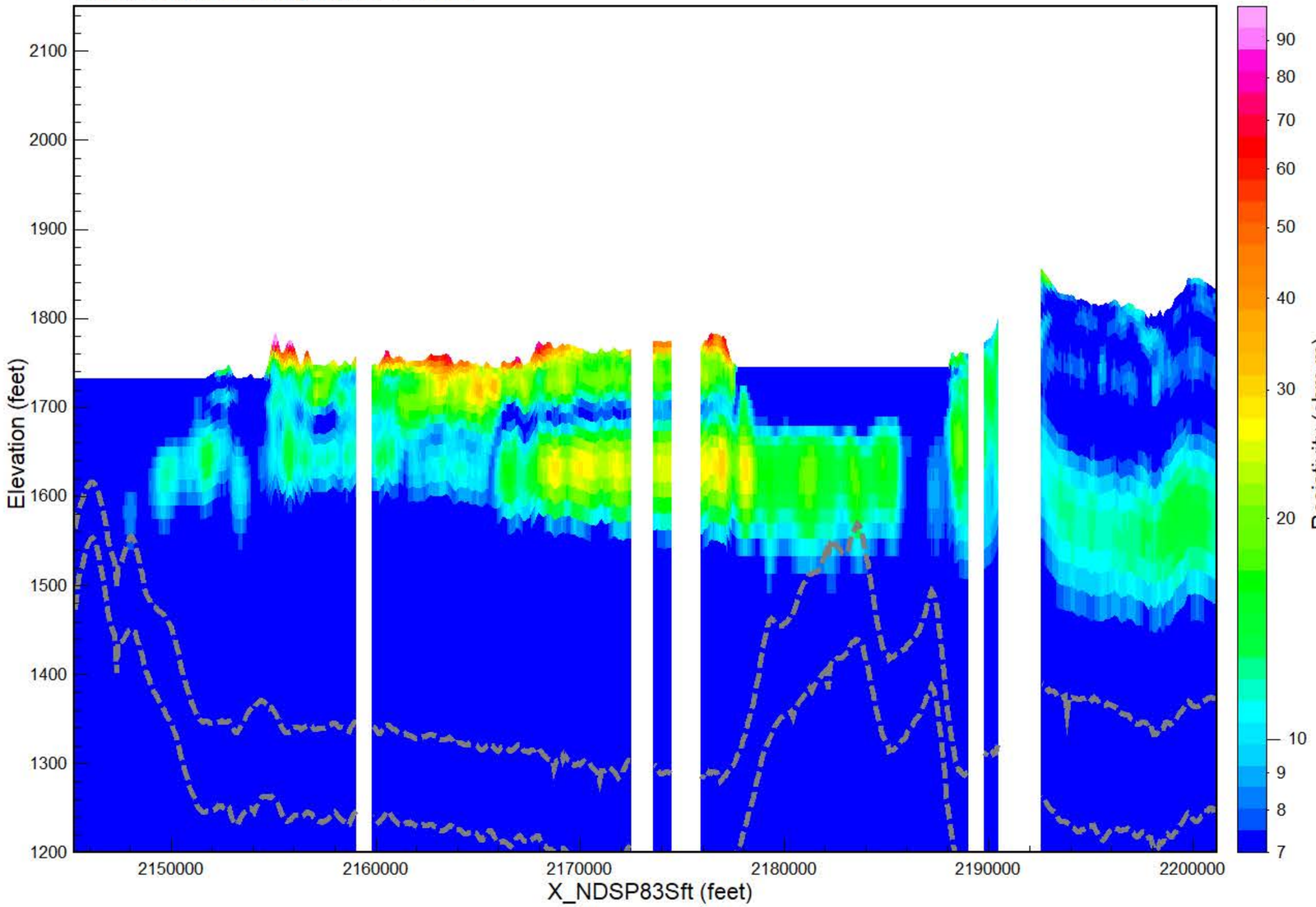
Flight Location Line L500801



AEM Survey Area 1



Final SCI Resistivity Line L500801



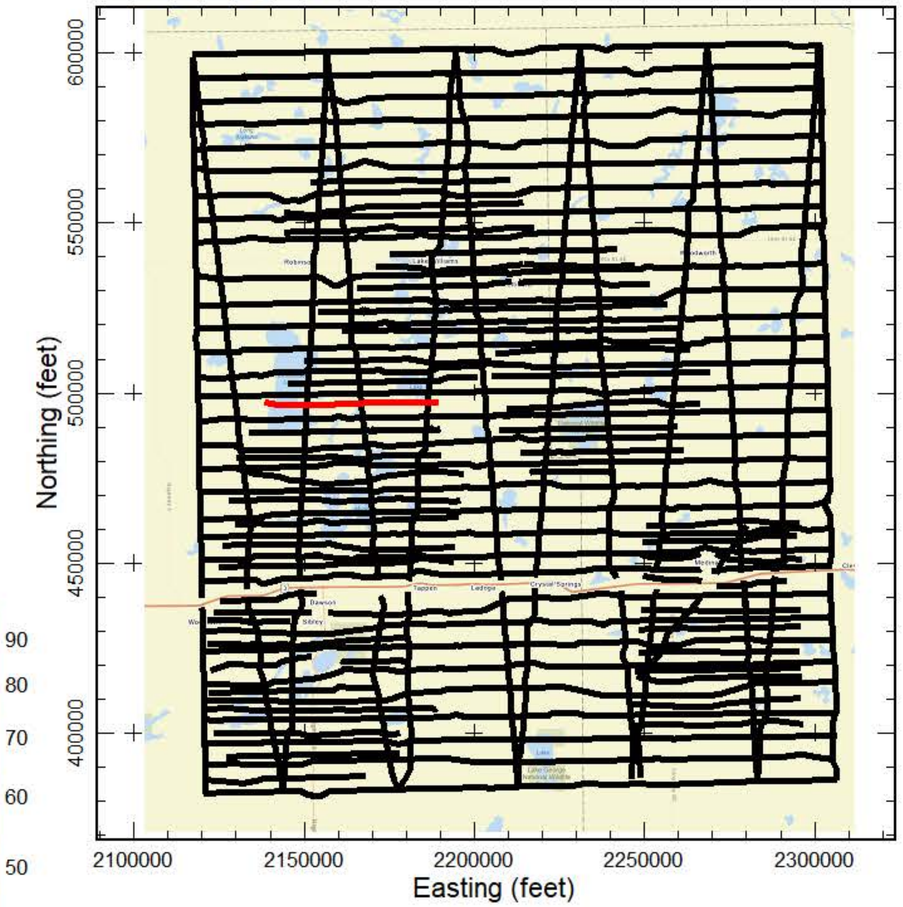
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

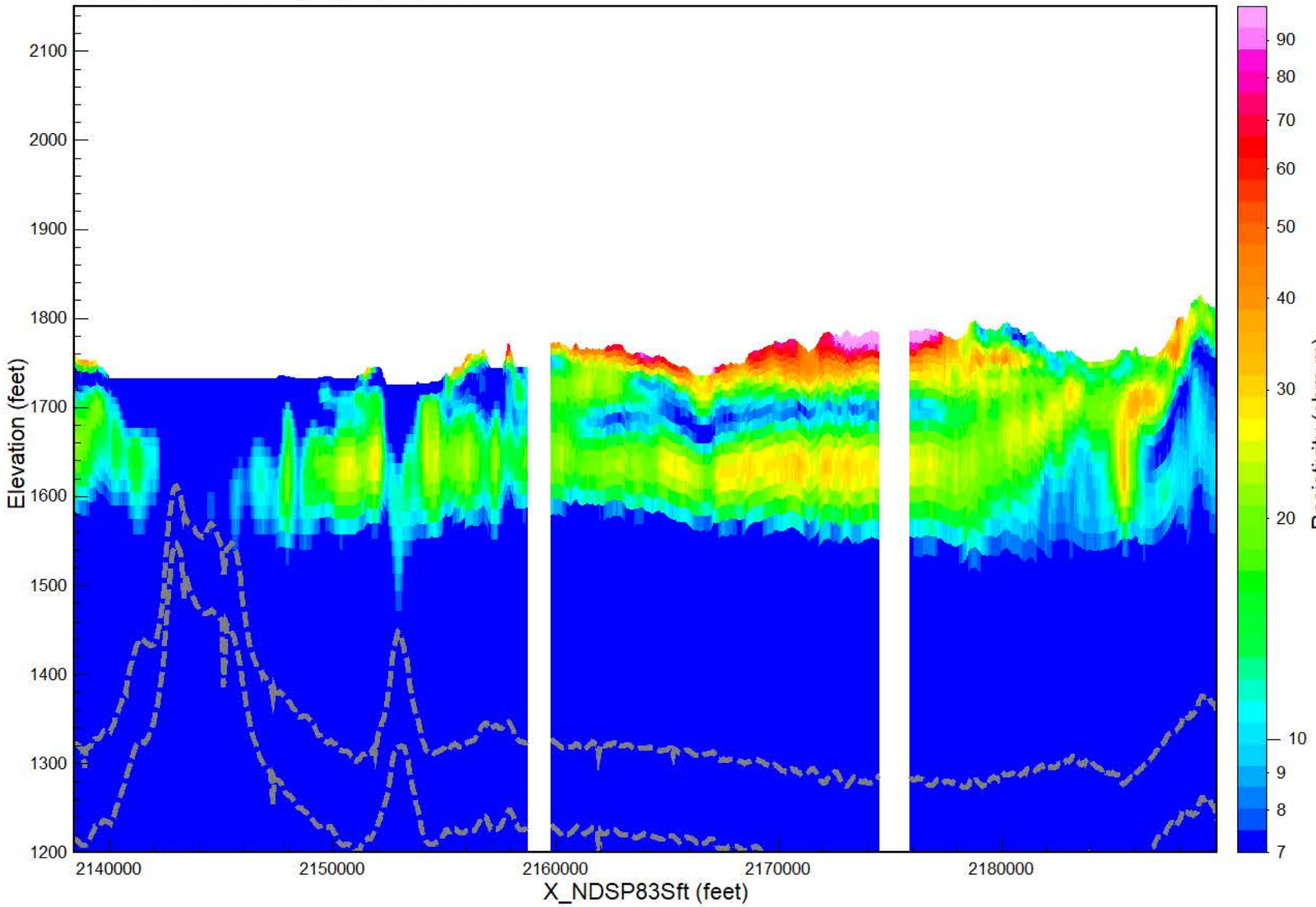
Flight Location Line L500901



AEM Survey Area 1



Final SCI Resistivity Line L500901



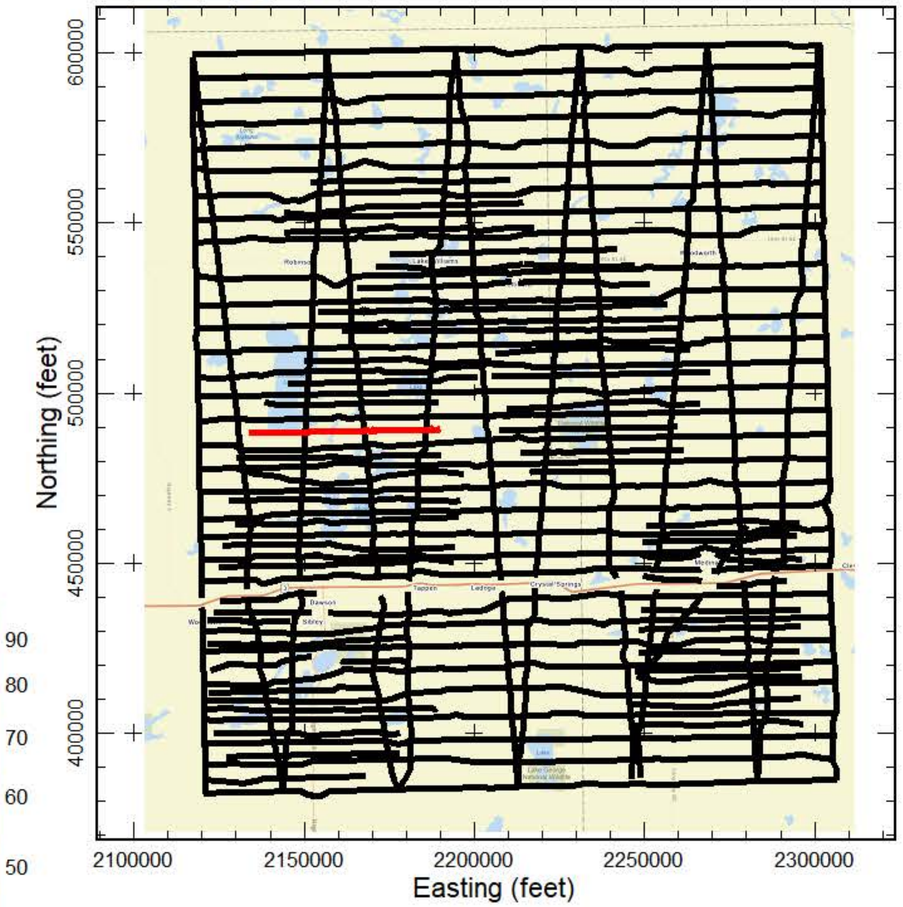
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

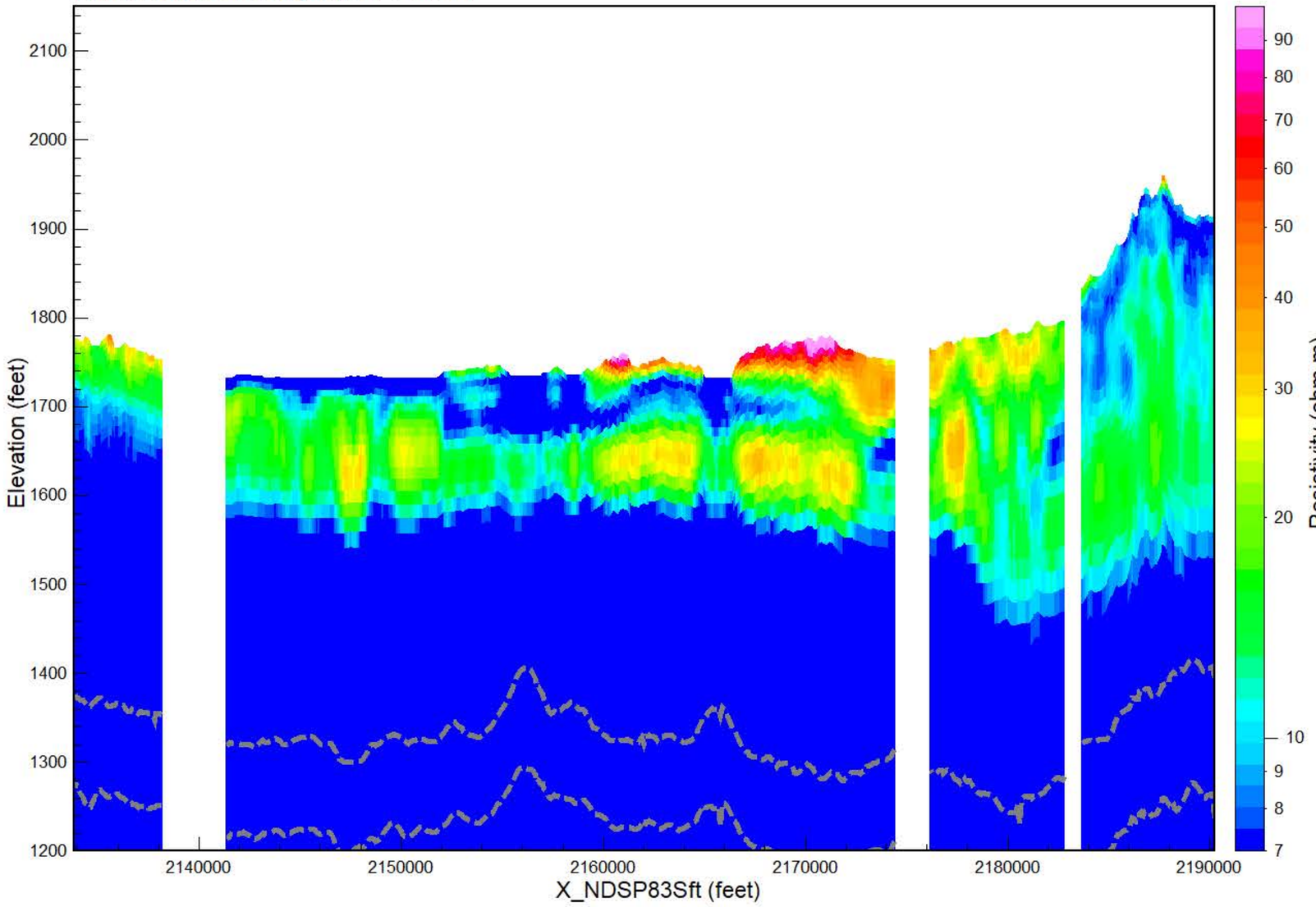
Flight Location Line L501001



AEM Survey Area 1



Final SCI Resistivity Line L501001



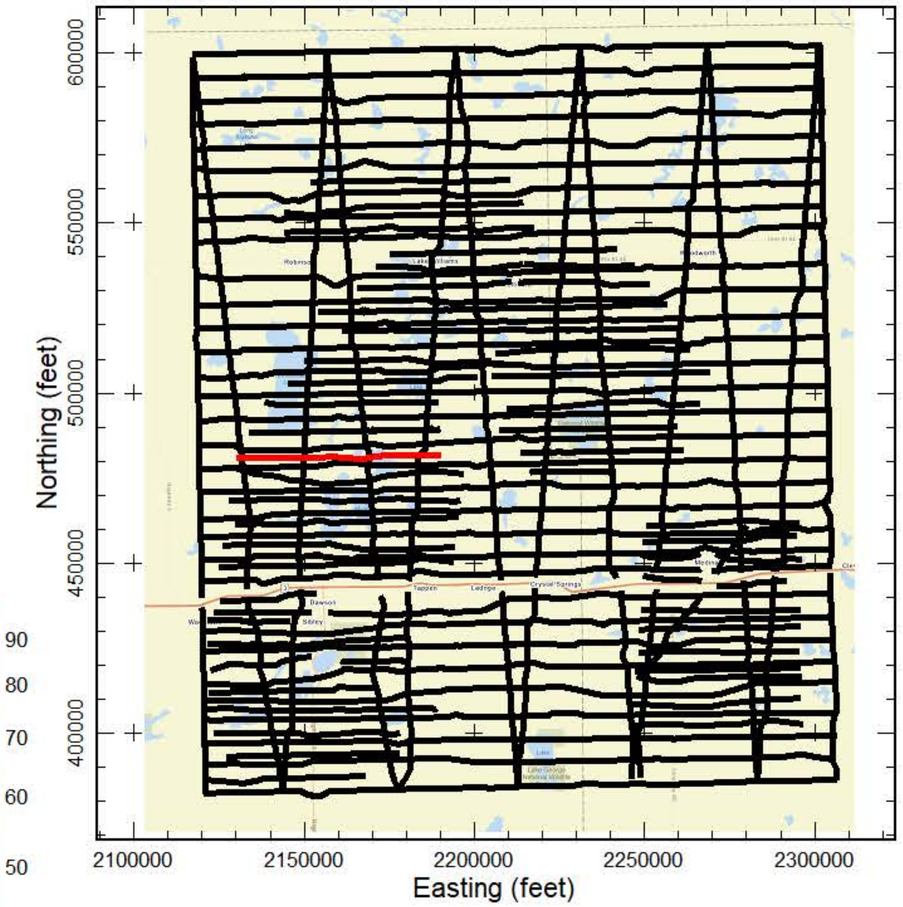
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

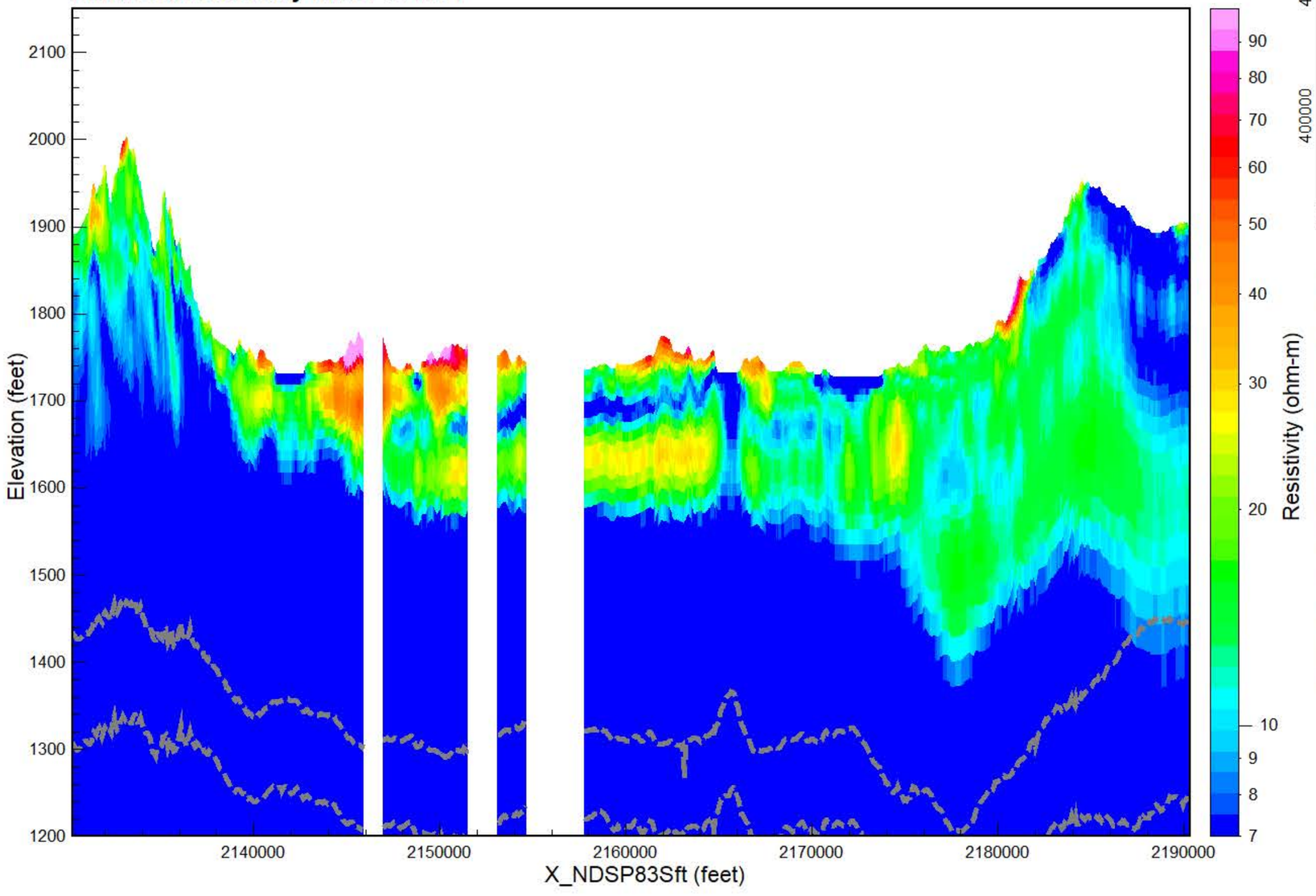
Flight Location Line L501101



AEM Survey Area 1



Final SCI Resistivity Line L501101



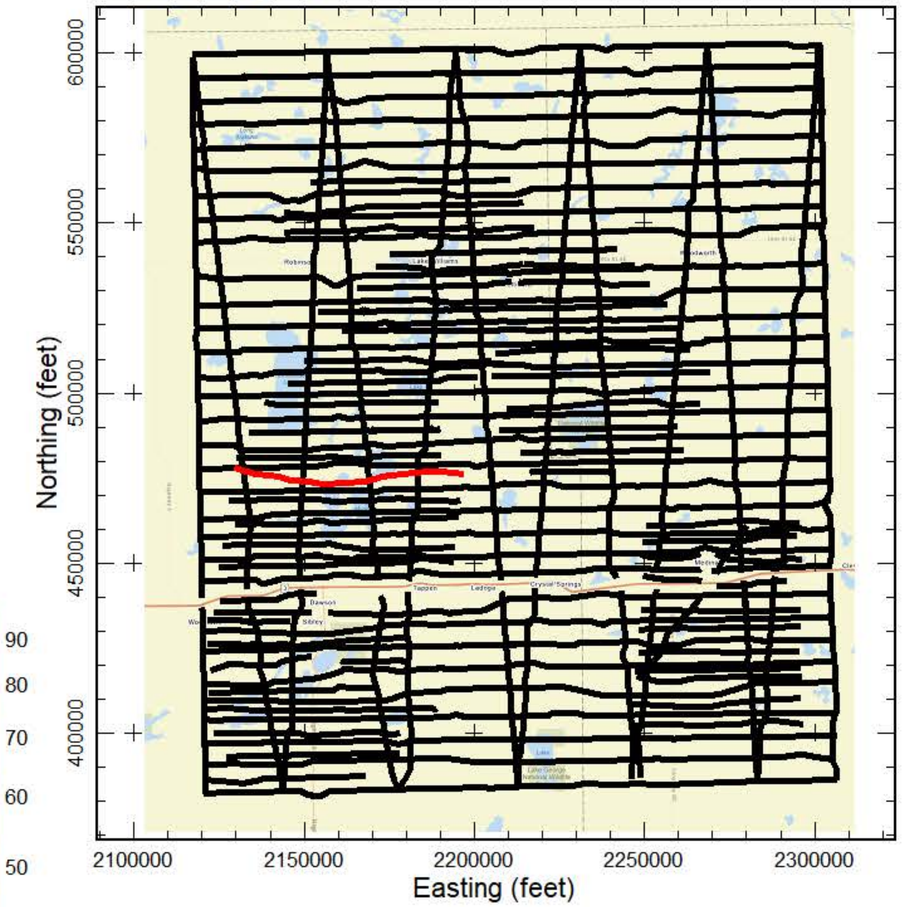
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

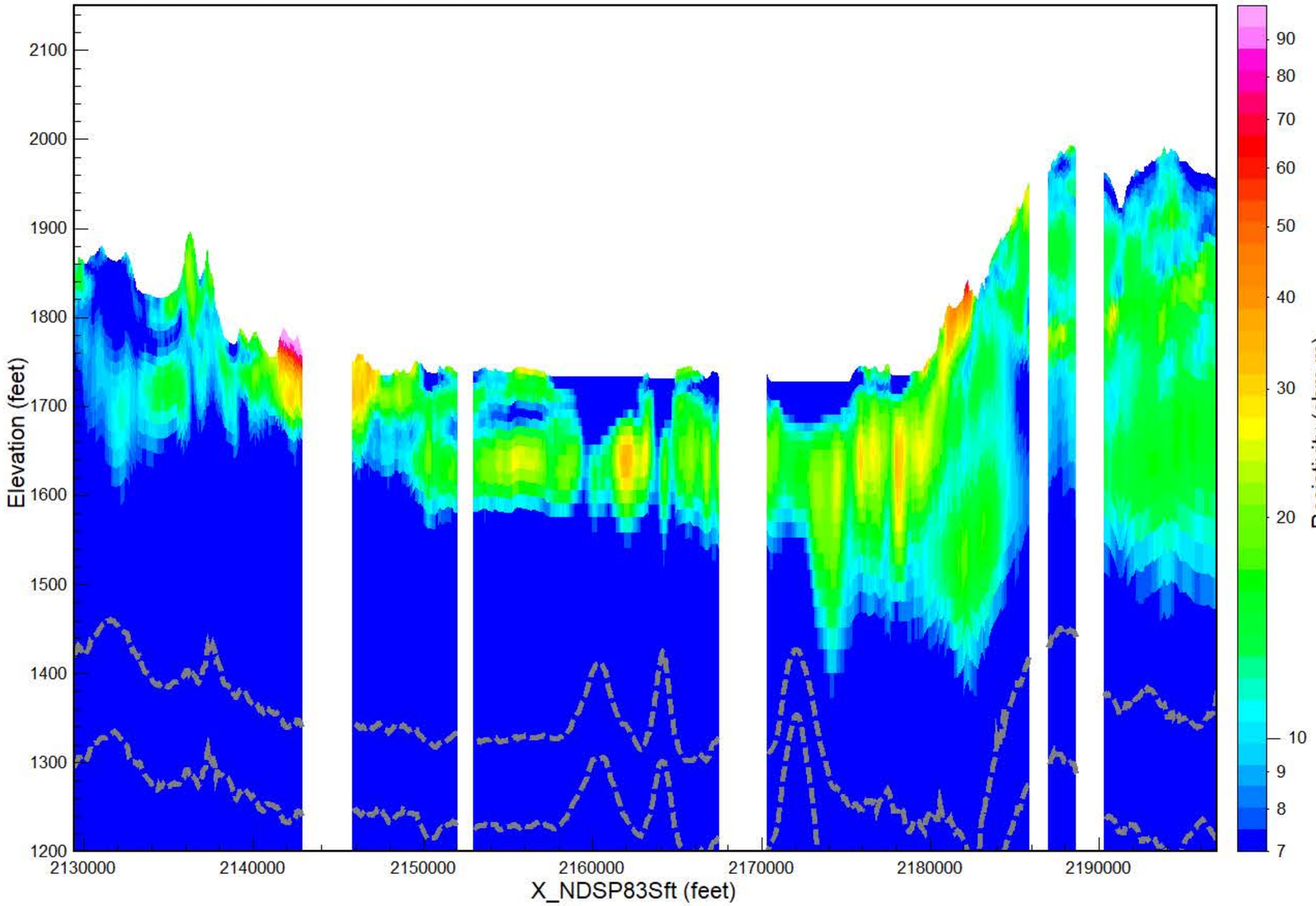
Flight Location Line L501201



AEM Survey Area 1



Final SCI Resistivity Line L501201



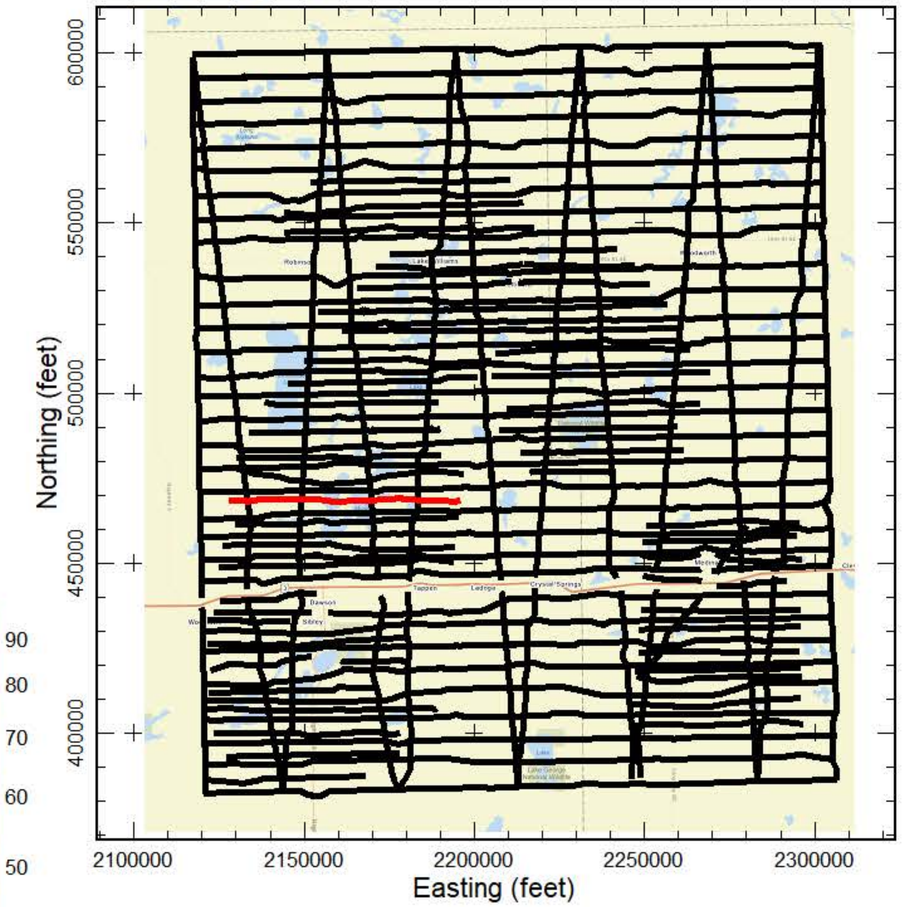
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

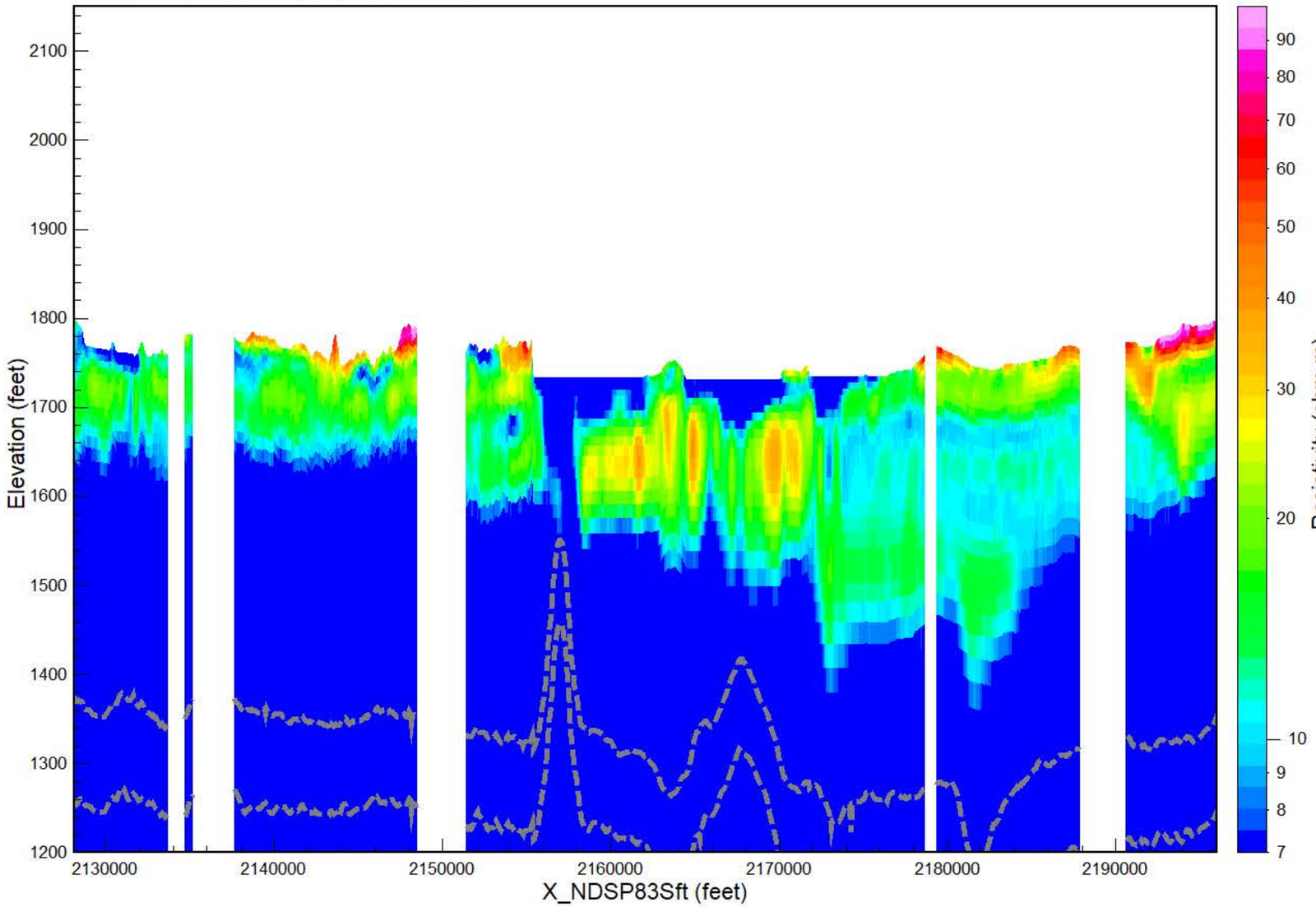
Flight Location Line L501301



AEM Survey Area 1



Final SCI Resistivity Line L501301



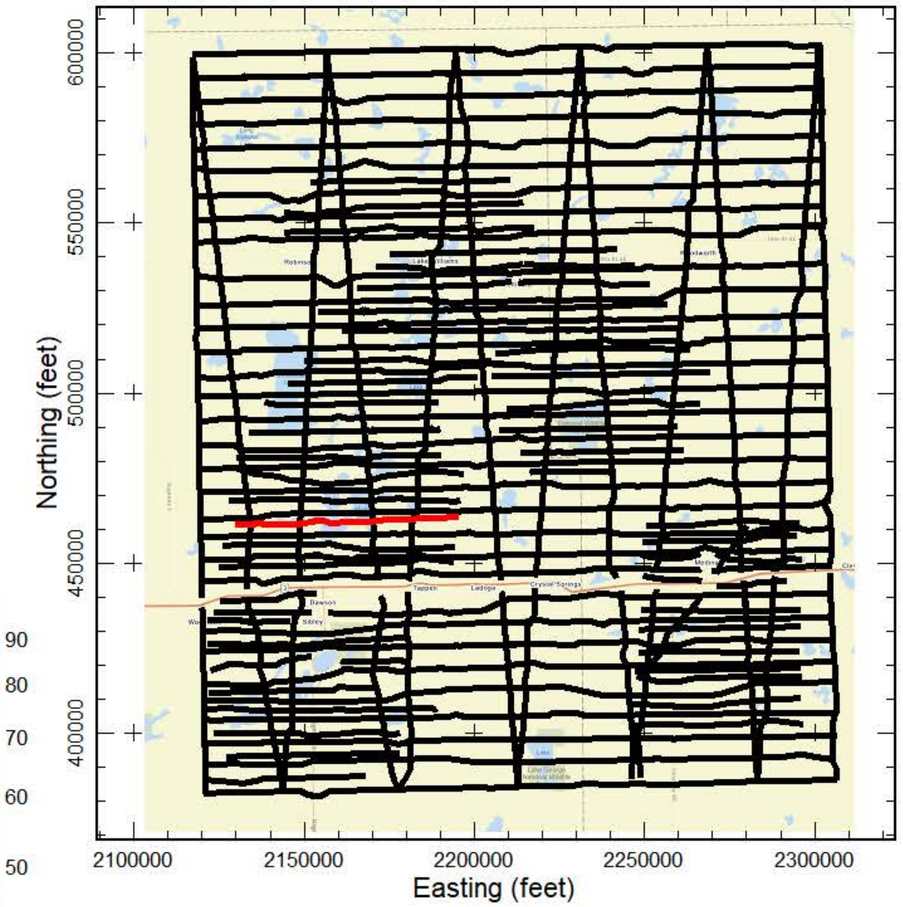
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

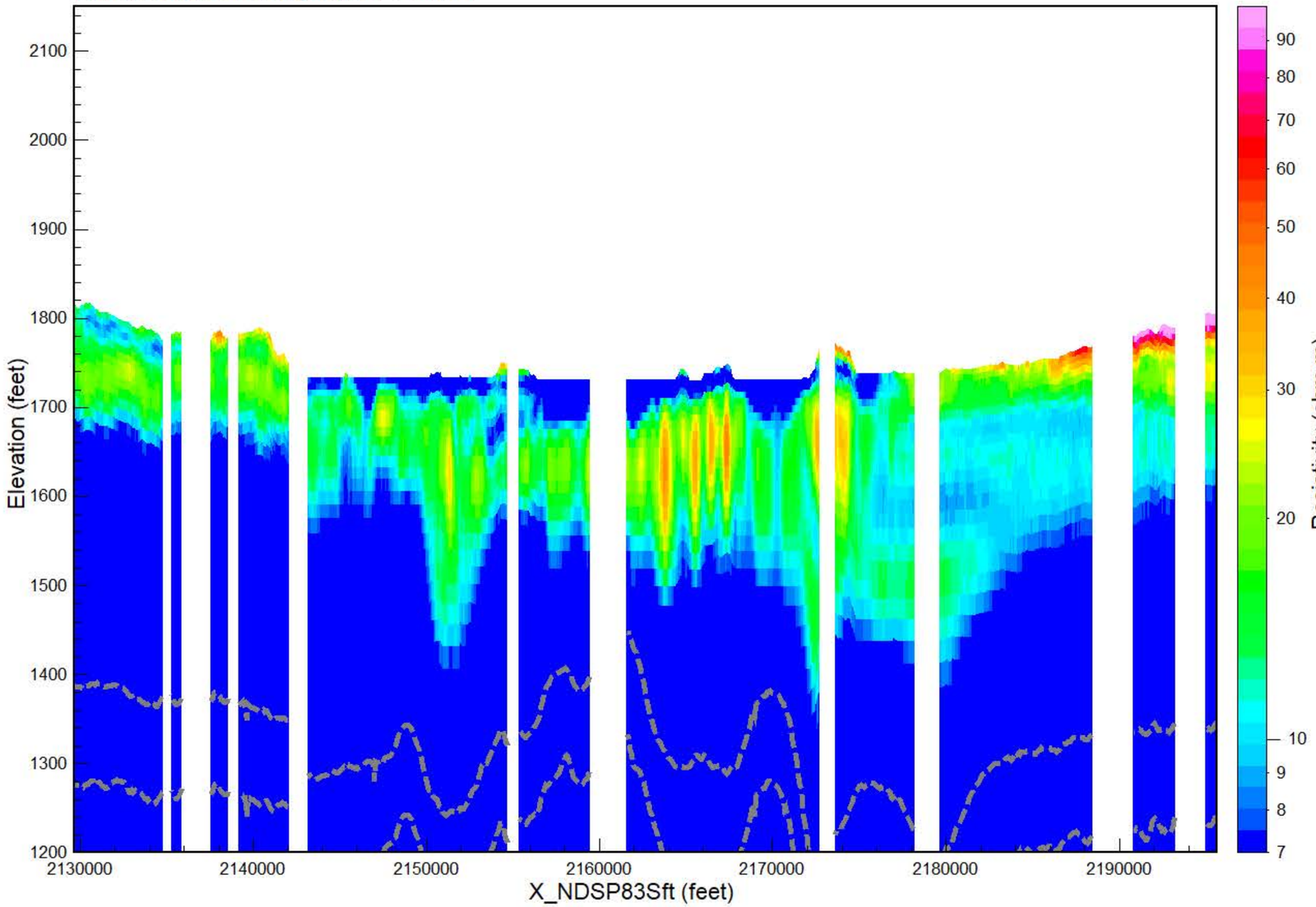
Flight Location Line L501401



AEM Survey Area 1



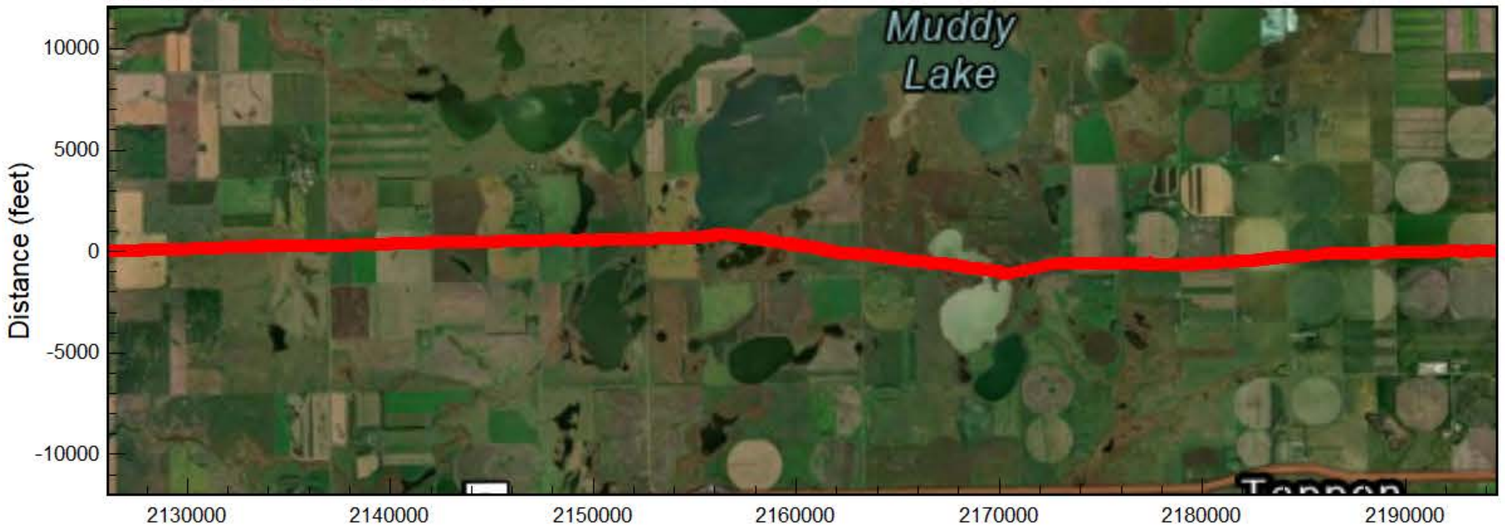
Final SCI Resistivity Line L501401



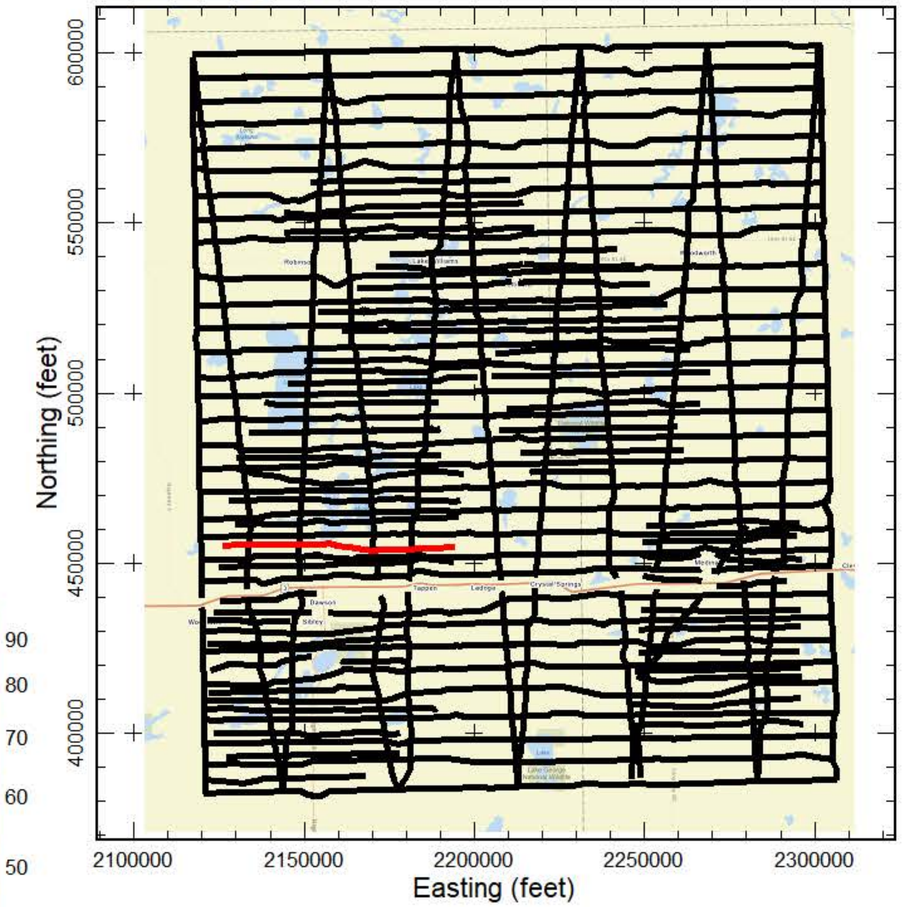
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

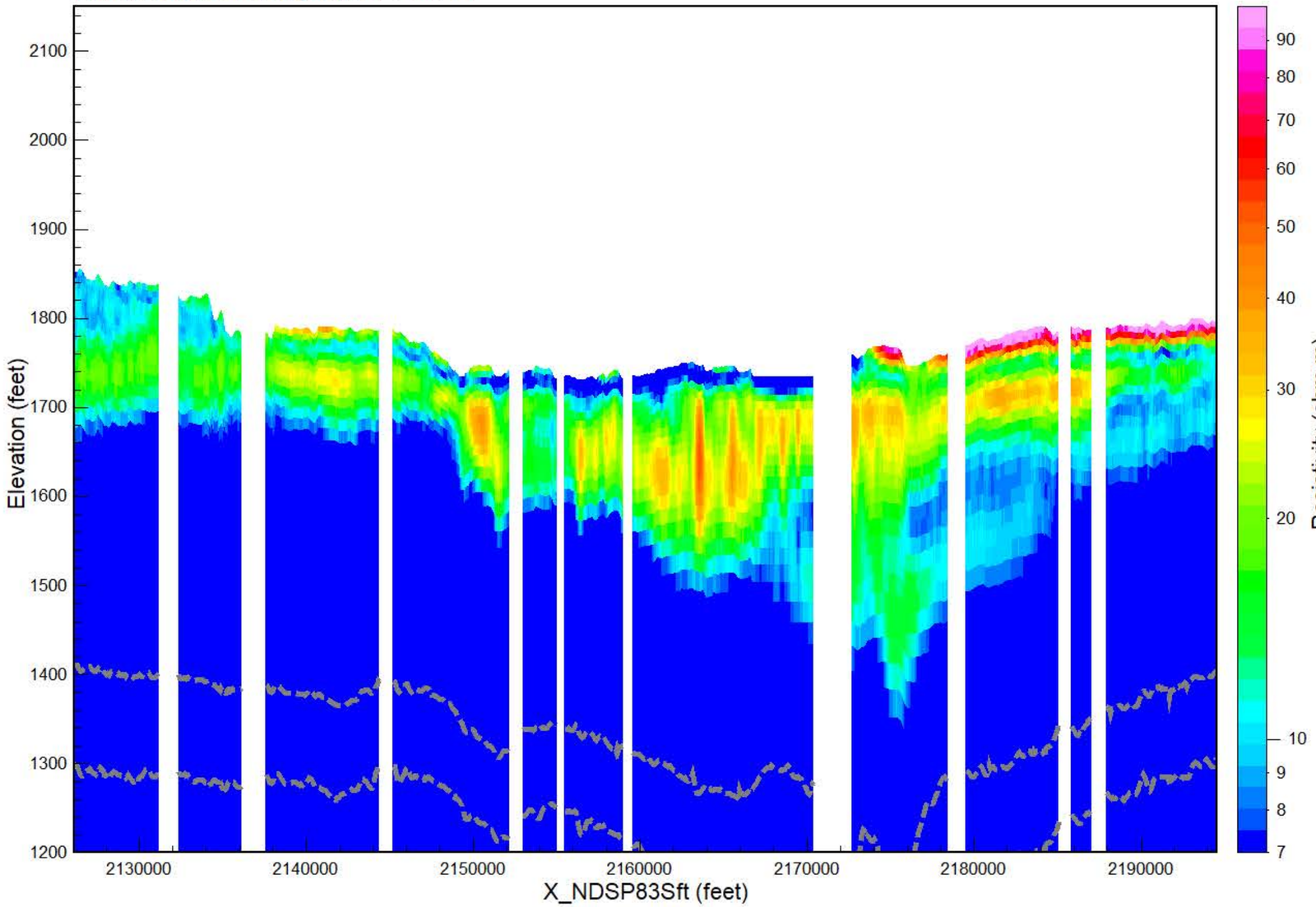
Flight Location Line L501501



AEM Survey Area 1



Final SCI Resistivity Line L501501



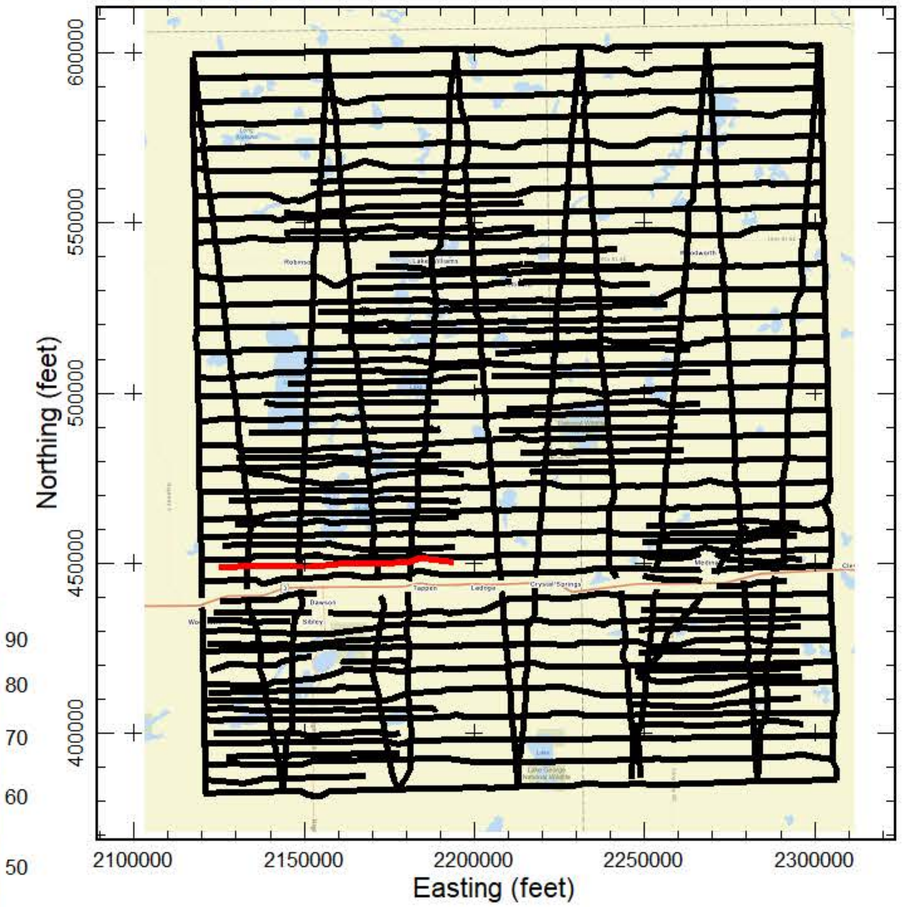
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

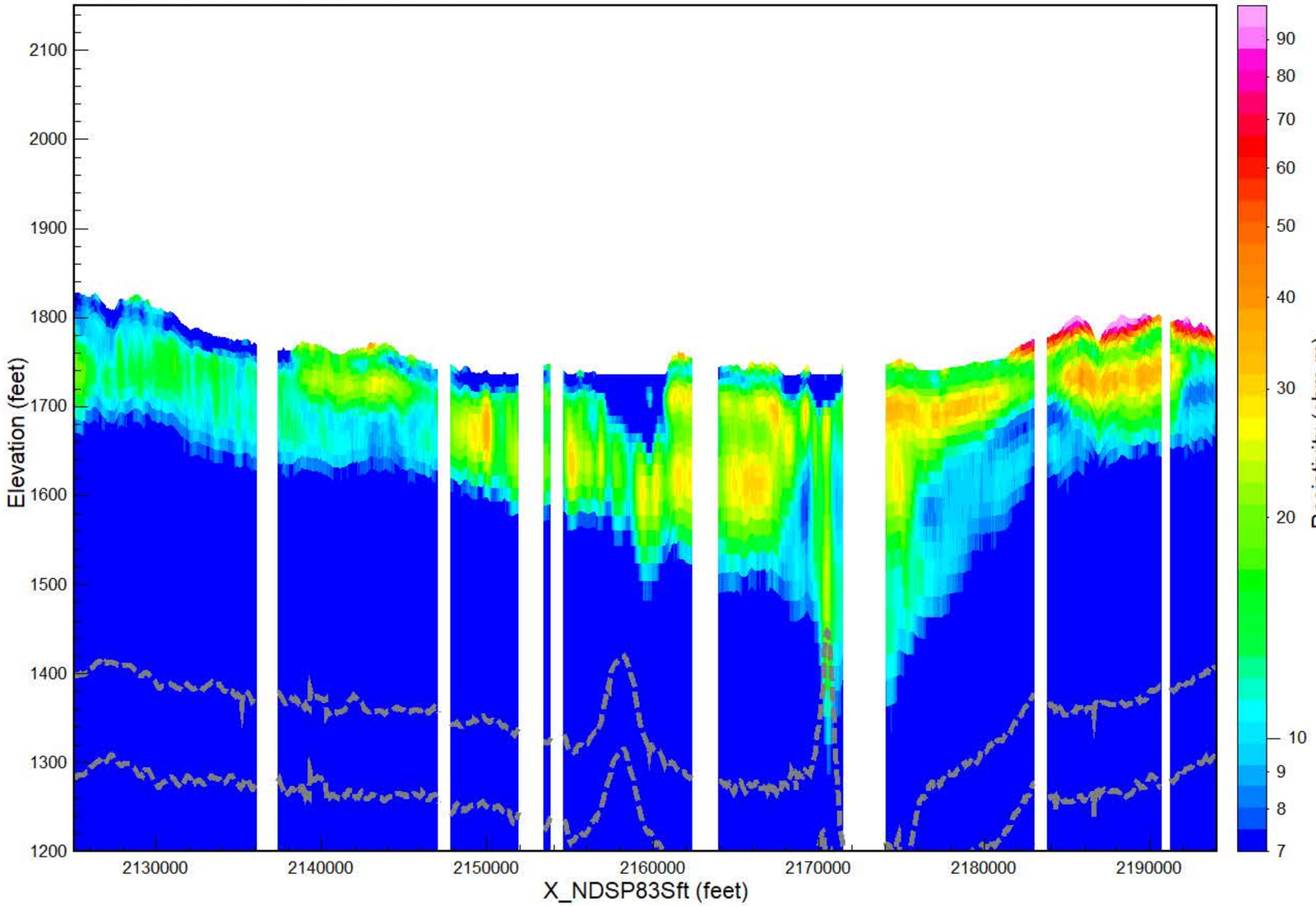
Flight Location Line L501601



AEM Survey Area 1



Final SCI Resistivity Line L501601



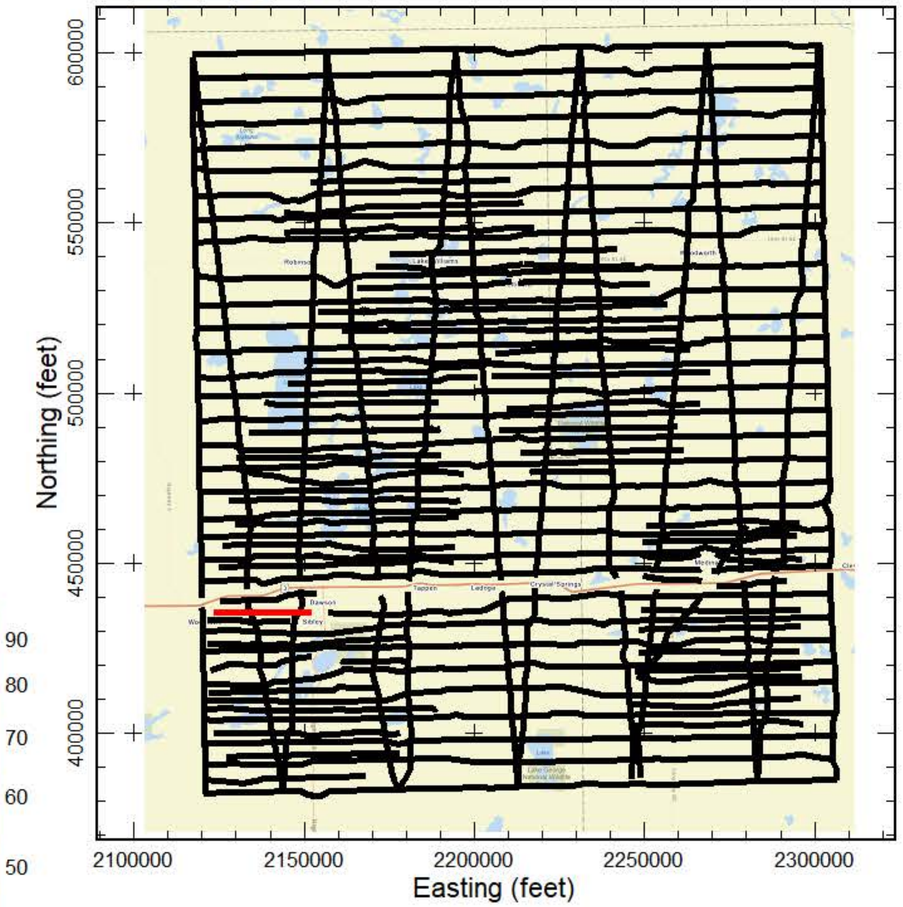
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

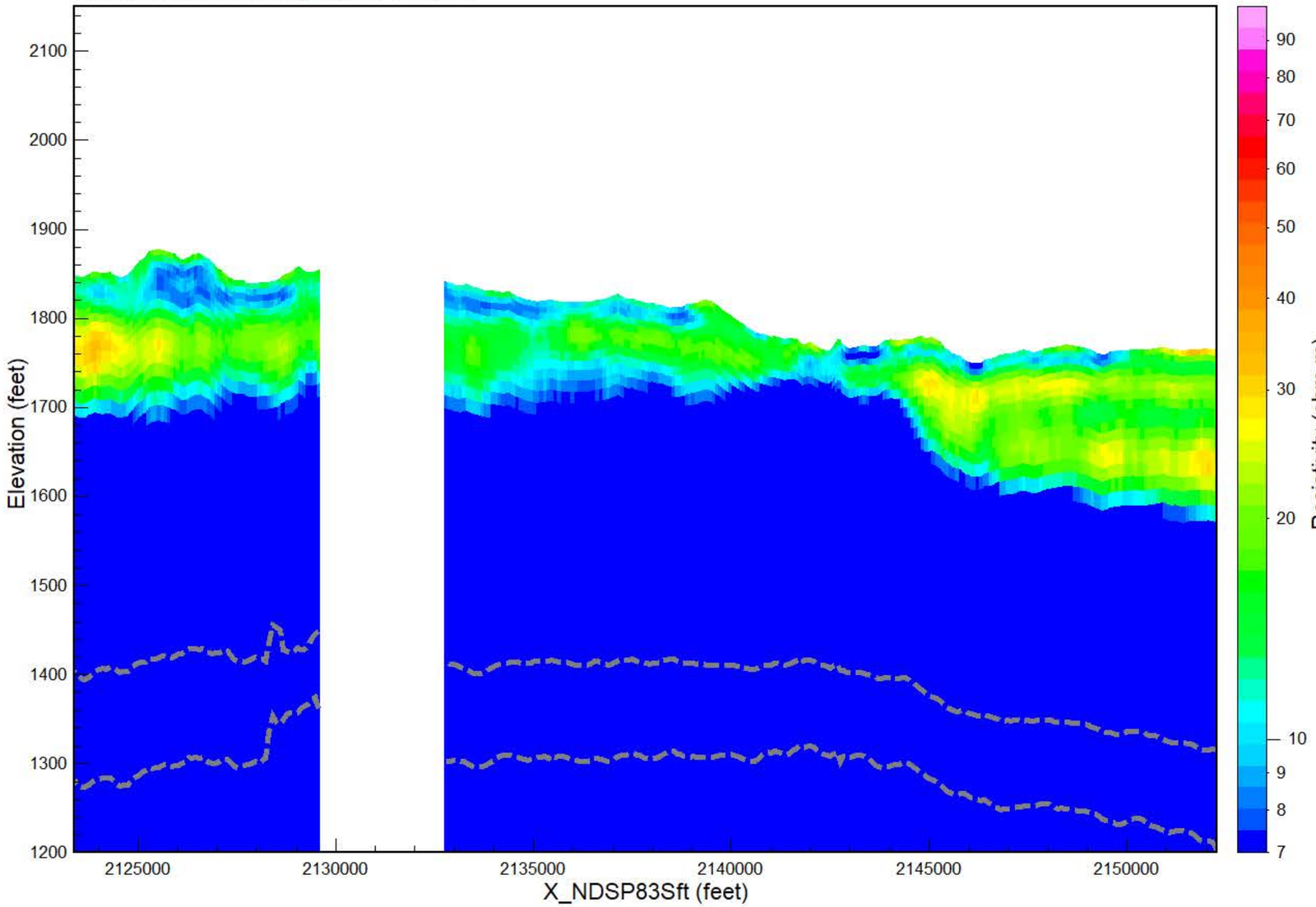
Flight Location Line L501701



AEM Survey Area 1



Final SCI Resistivity Line L501701



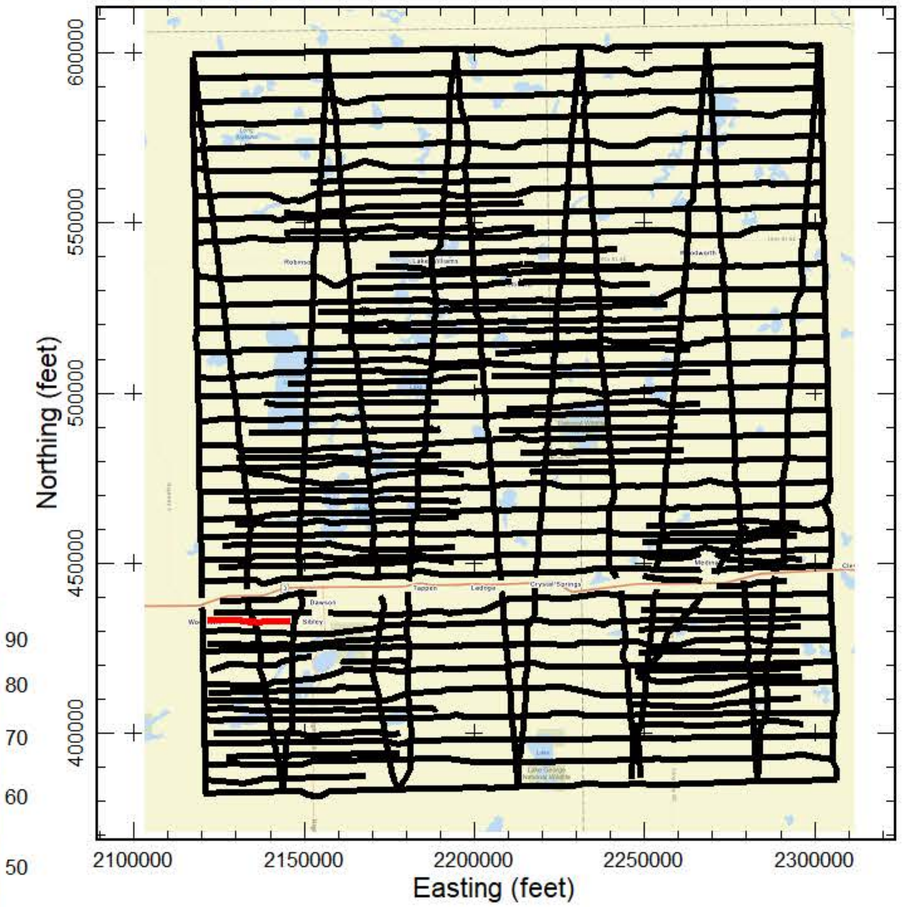
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

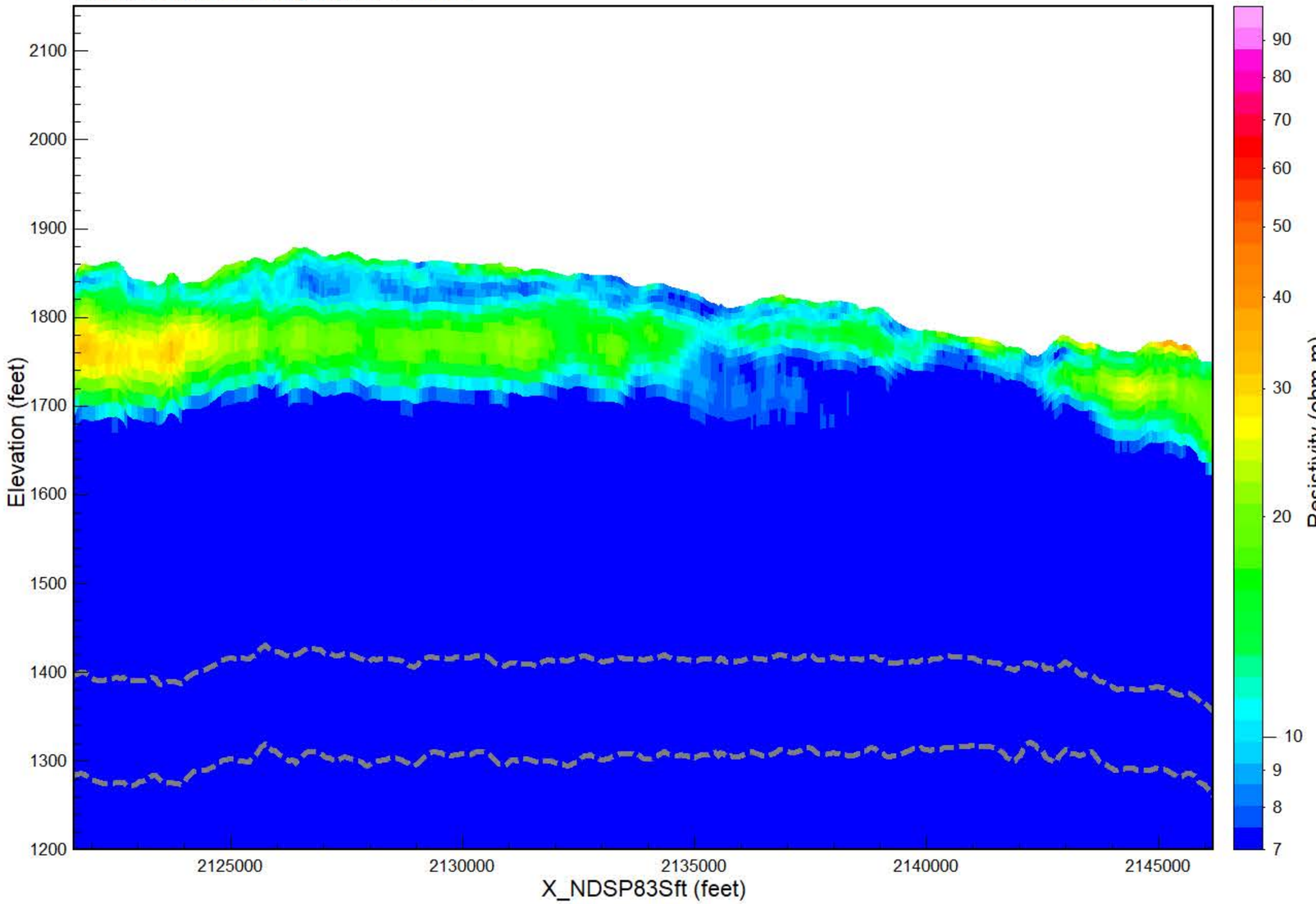
Flight Location Line L501801



AEM Survey Area 1



Final SCI Resistivity Line L501801



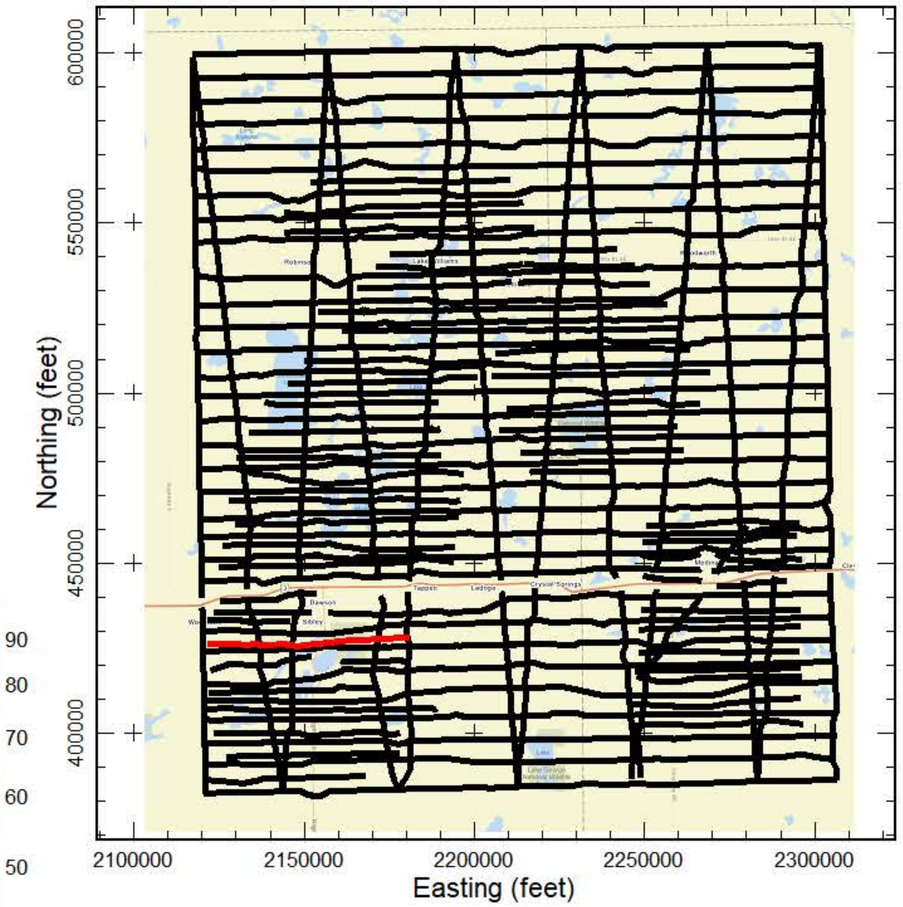
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

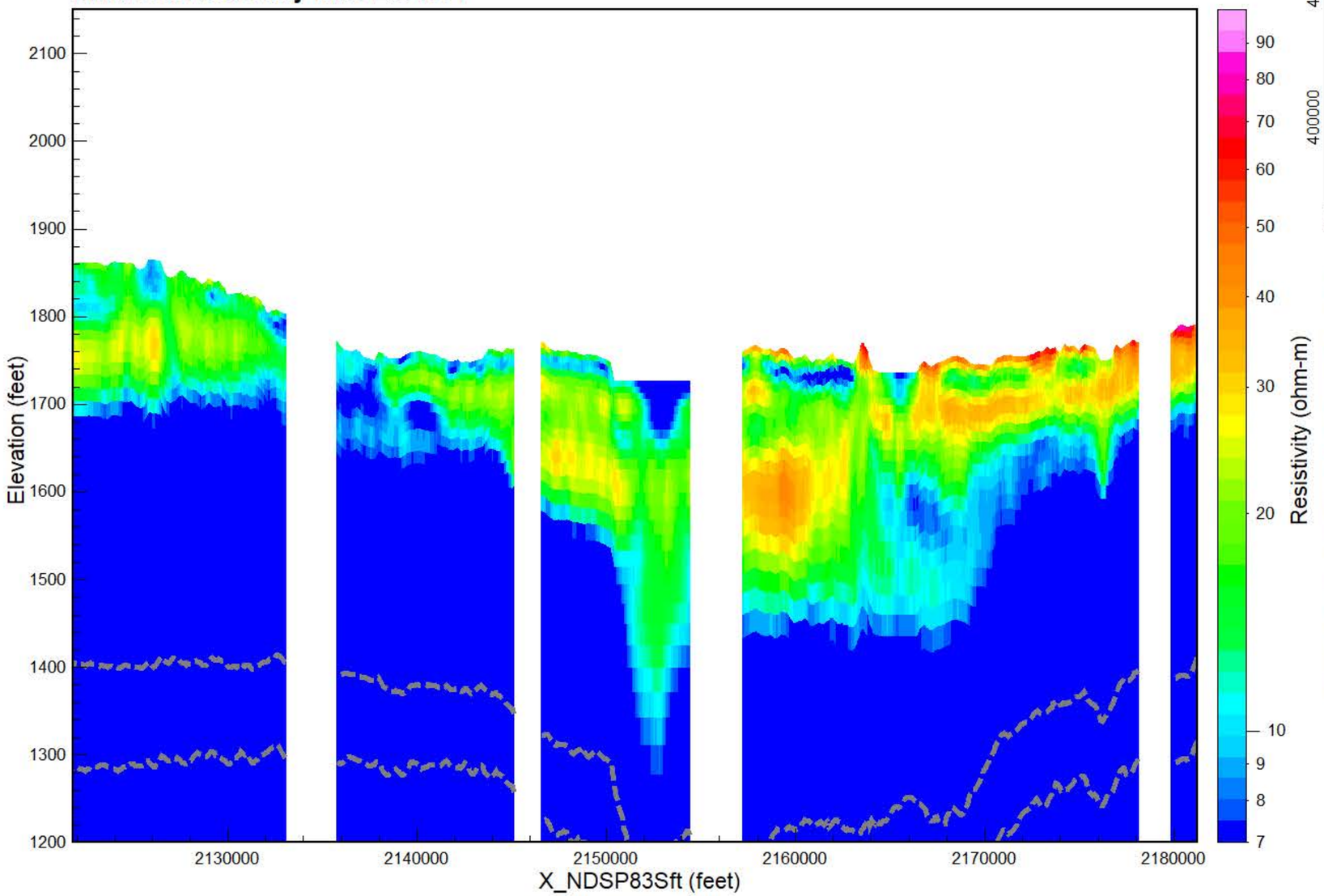
Flight Location Line L501901



AEM Survey Area 1



Final SCI Resistivity Line L501901



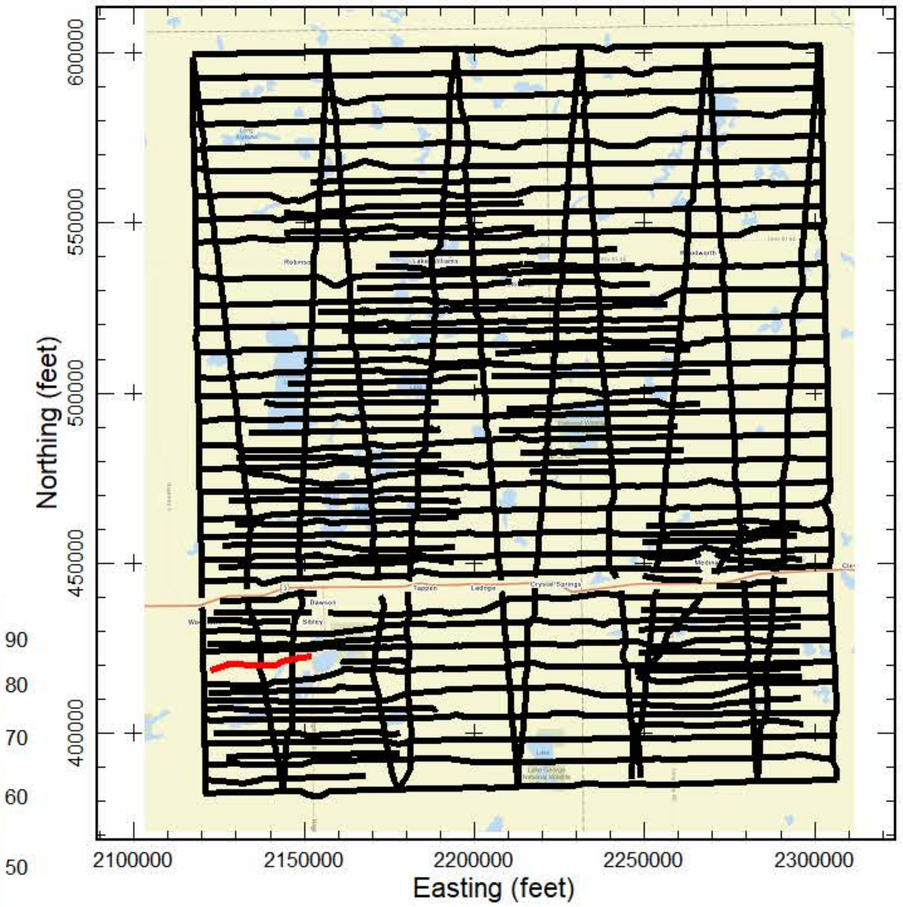
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

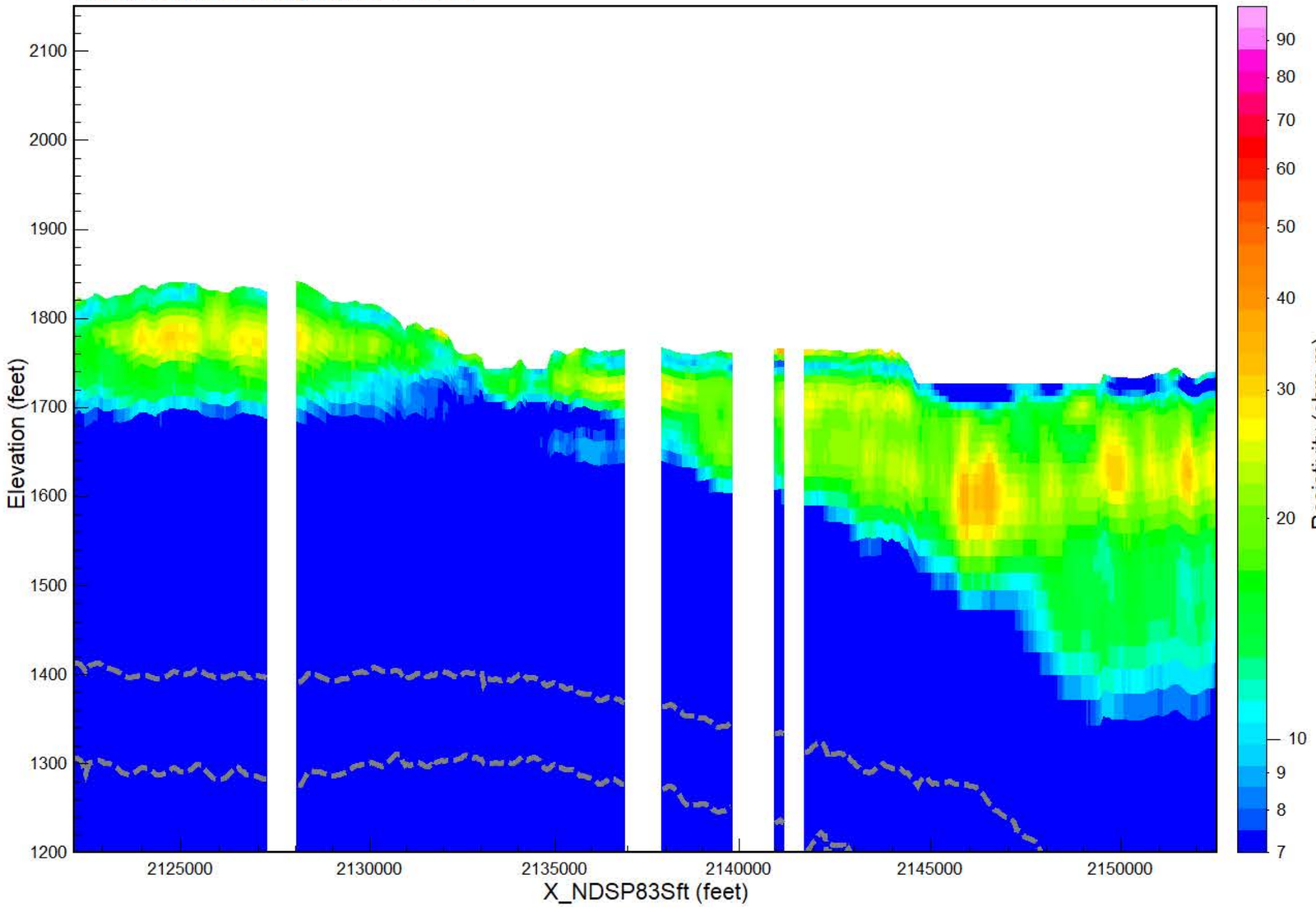
Flight Location Line L502001



AEM Survey Area 1



Final SCI Resistivity Line L502001



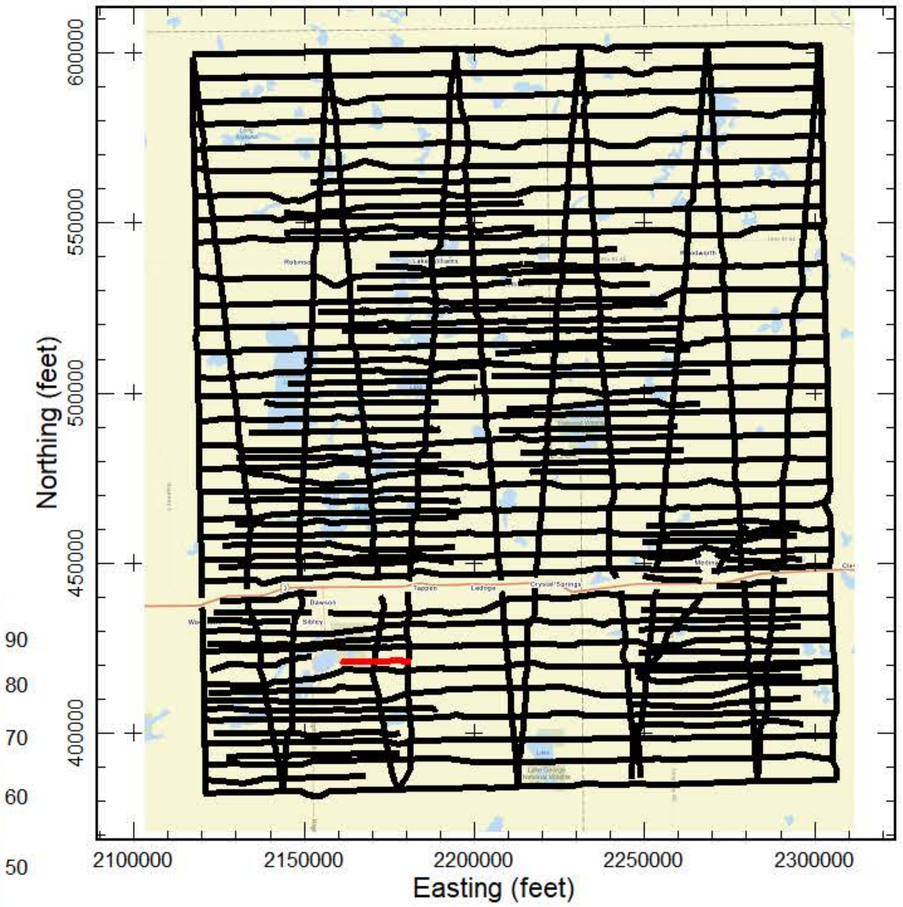
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

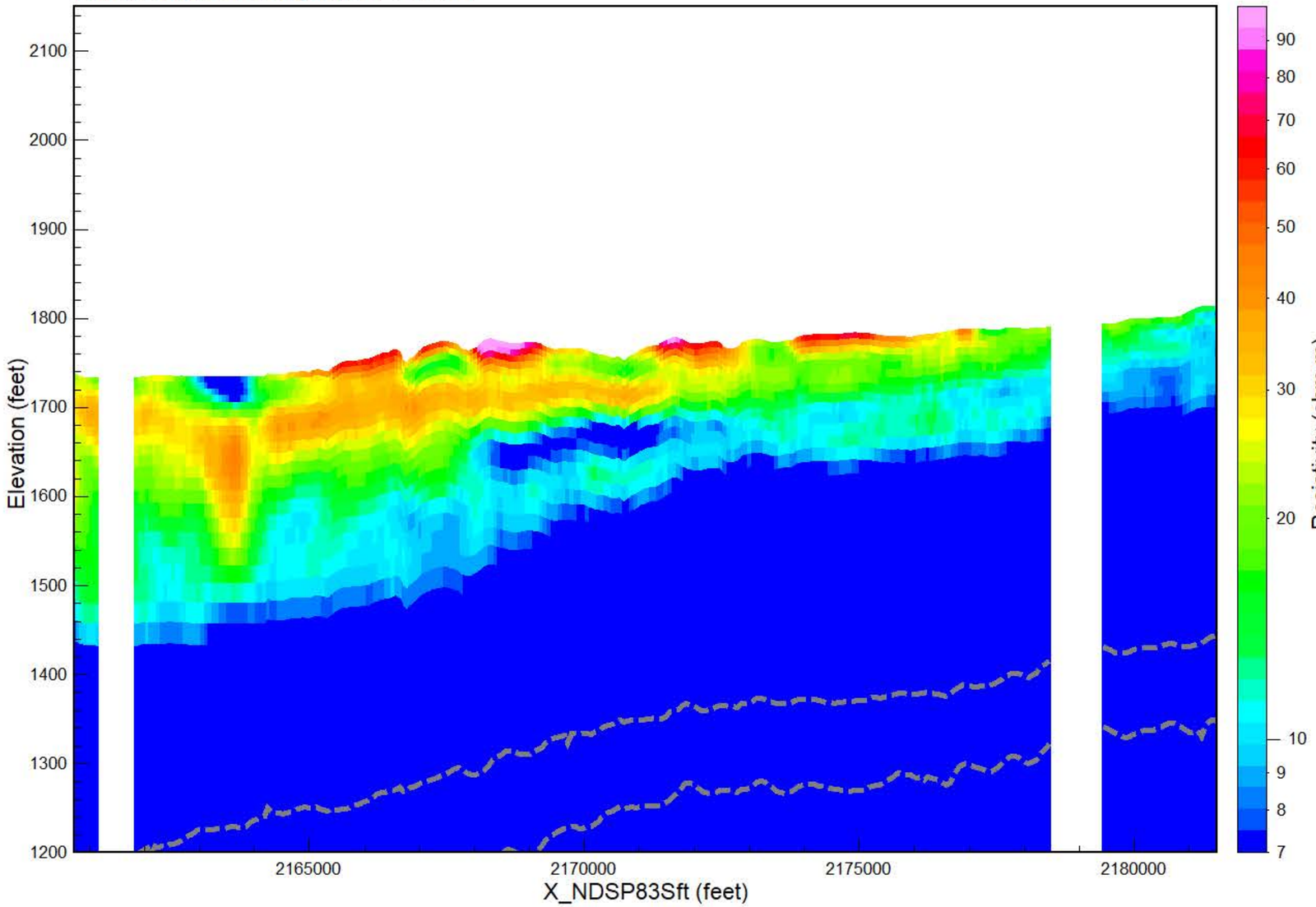
Flight Location Line L502101



AEM Survey Area 1



Final SCI Resistivity Line L502101



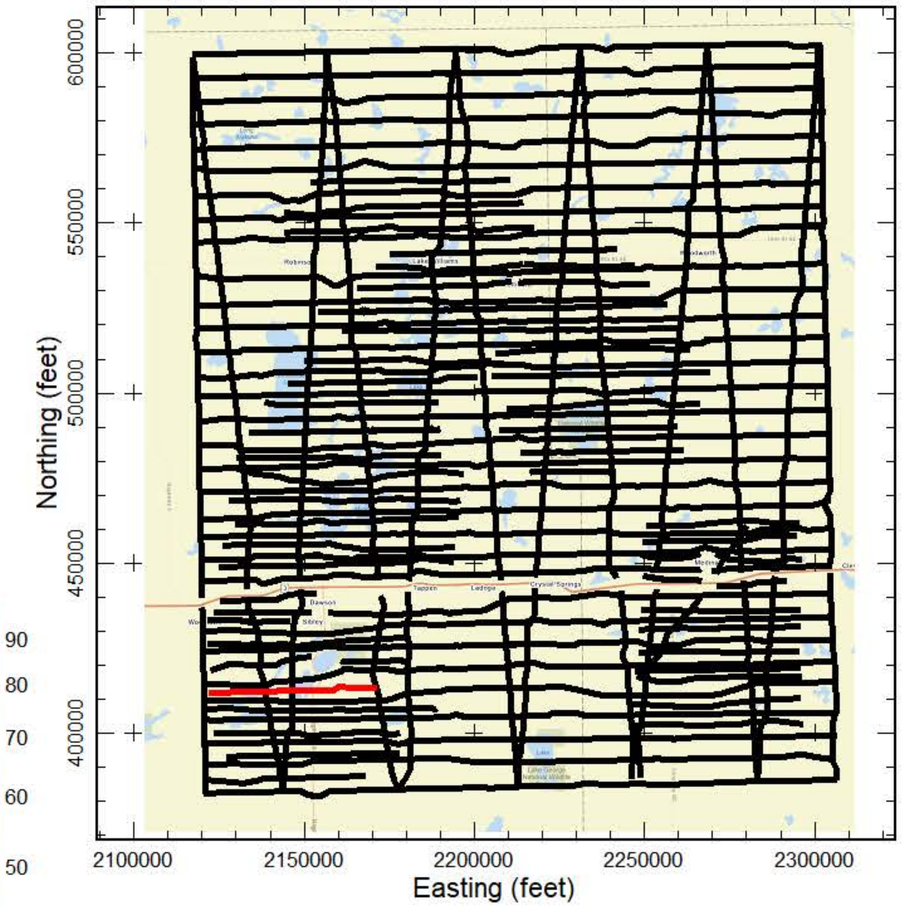
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

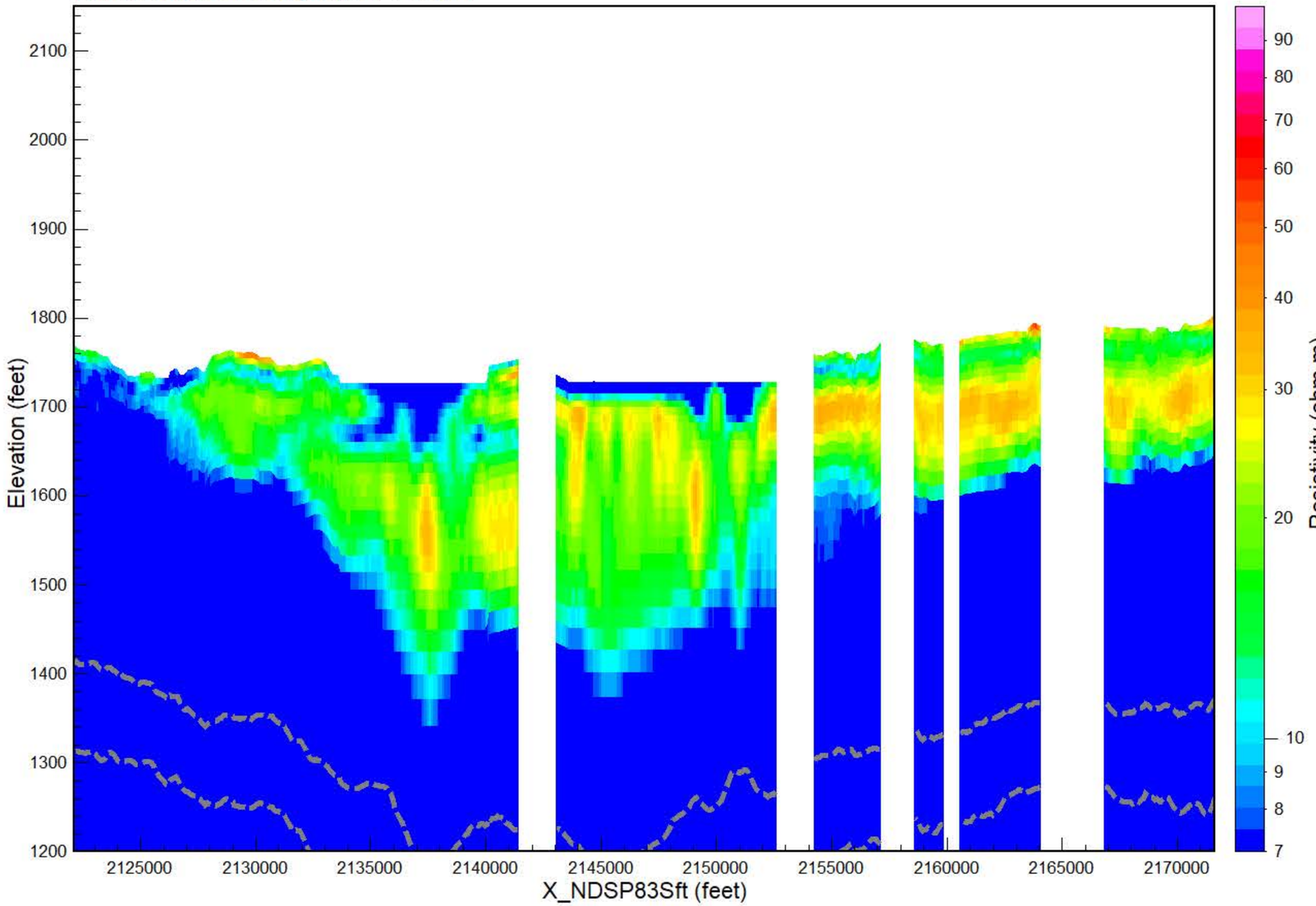
Flight Location Line L502201



AEM Survey Area 1



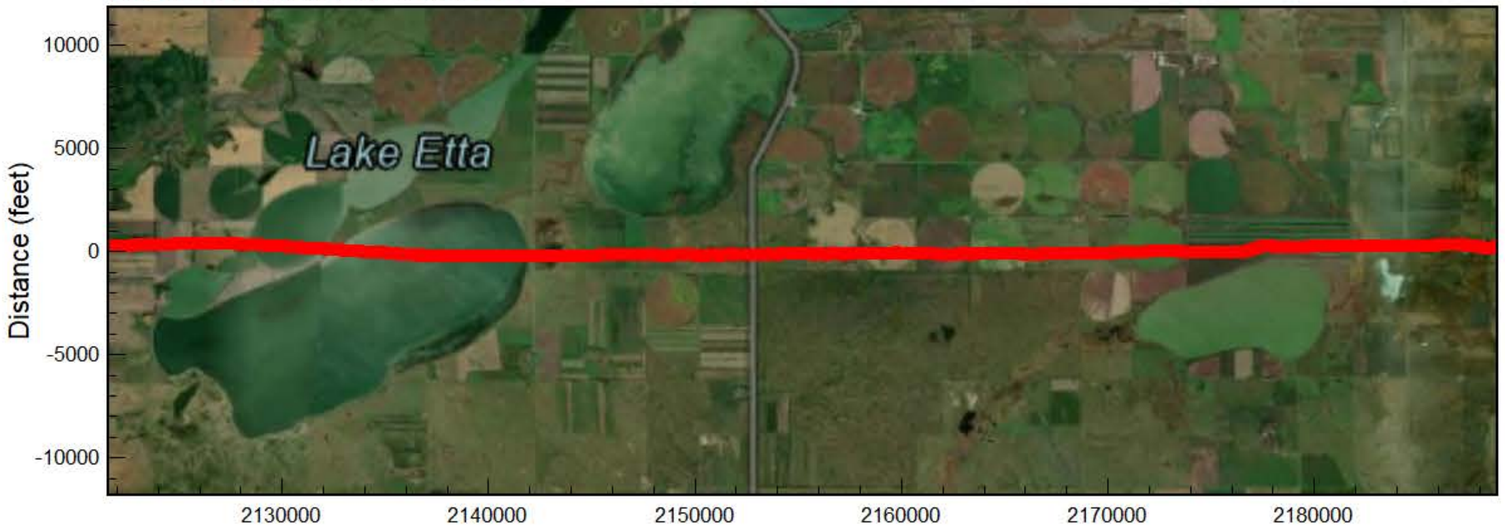
Final SCI Resistivity Line L502201



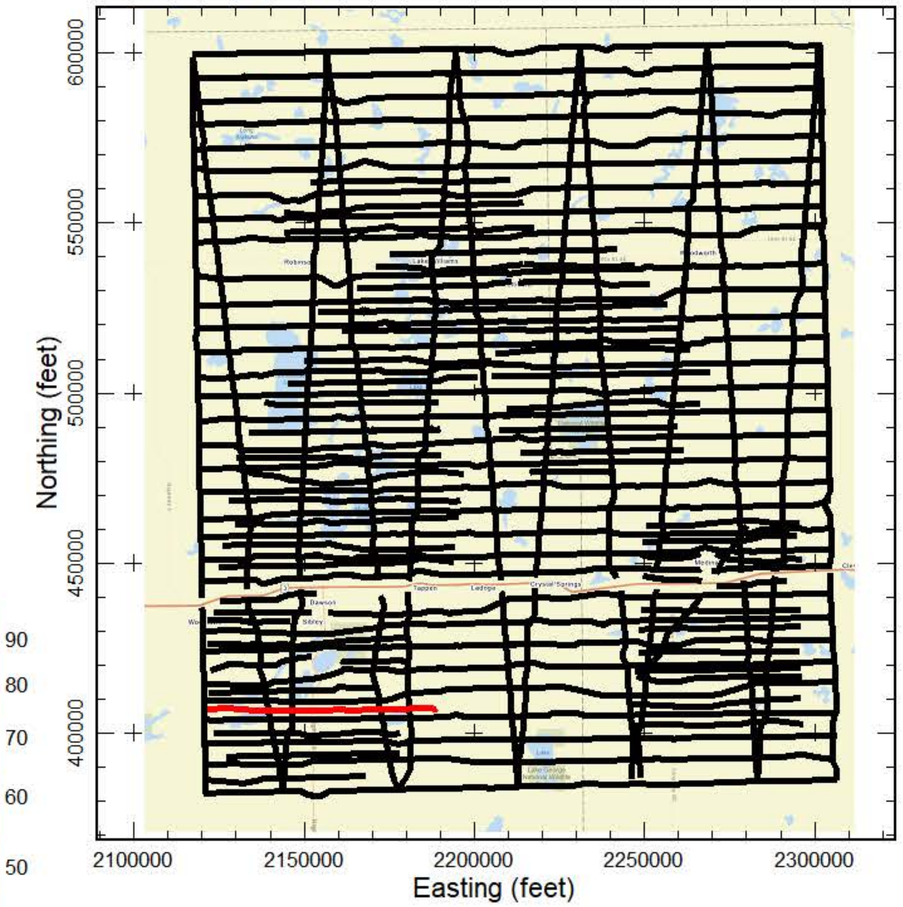
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

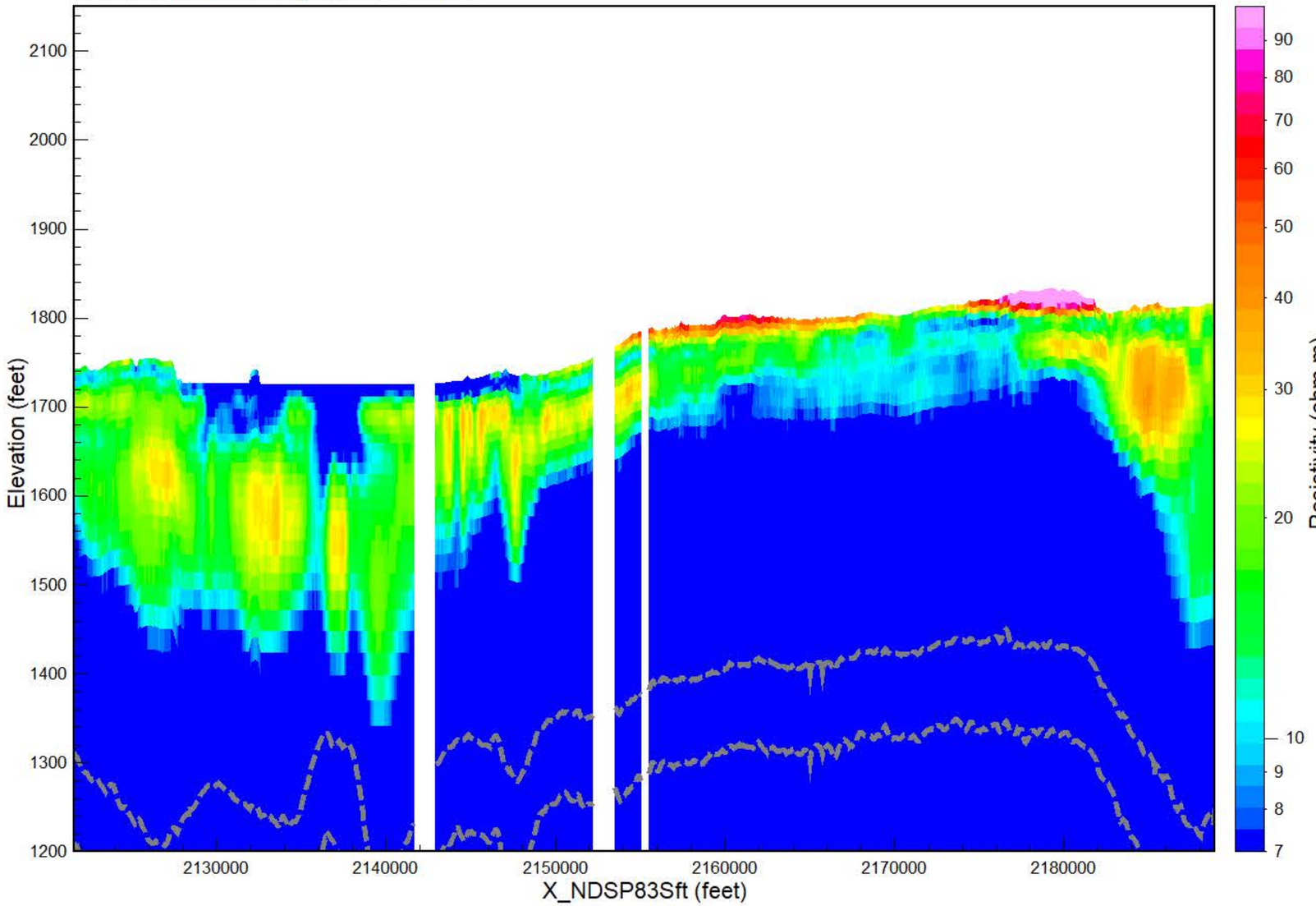
Flight Location Line L502301



AEM Survey Area 1



Final SCI Resistivity Line L502301



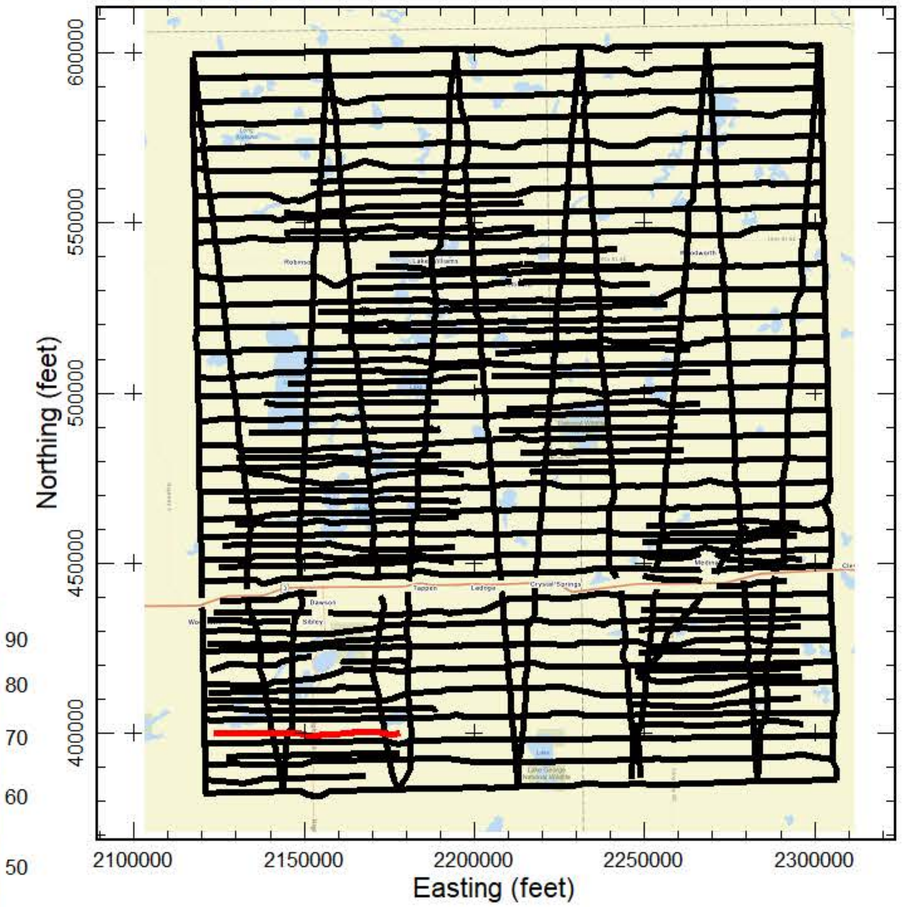
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

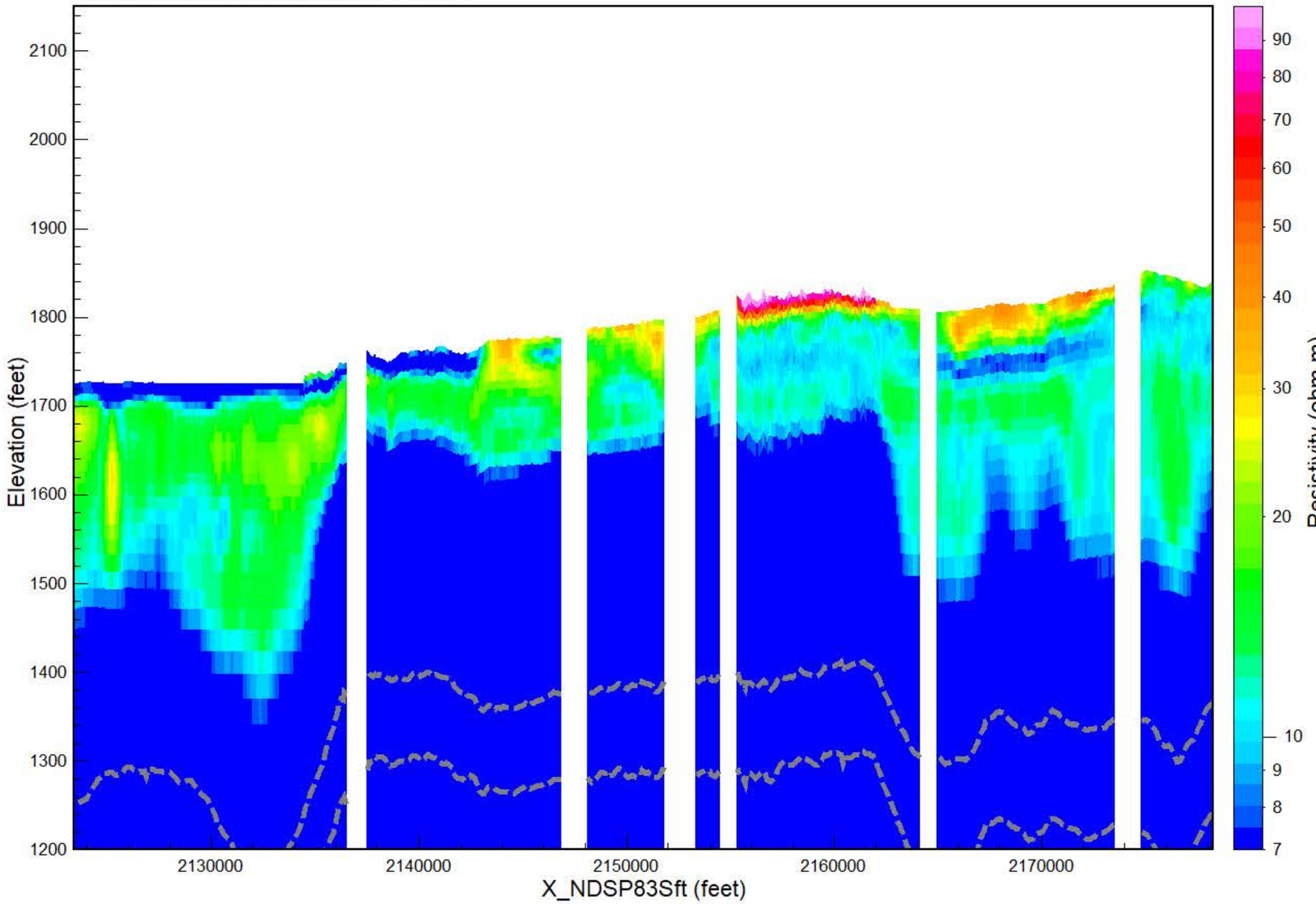
Flight Location Line L502401



AEM Survey Area 1



Final SCI Resistivity Line L502401



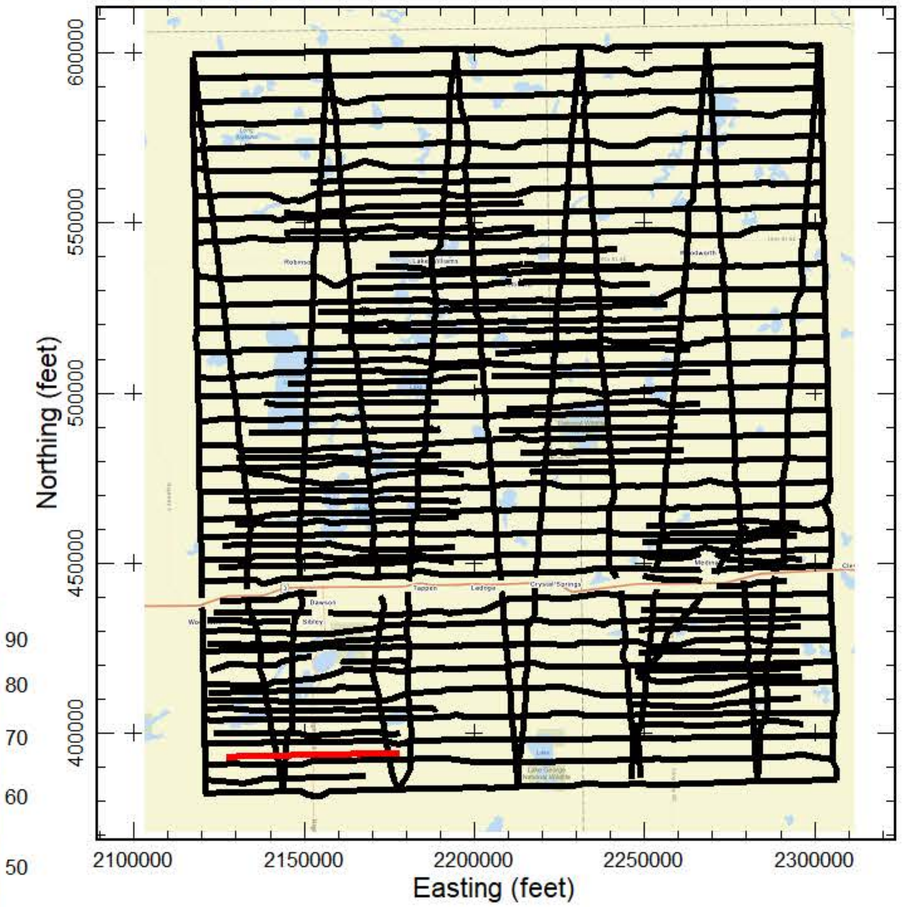
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

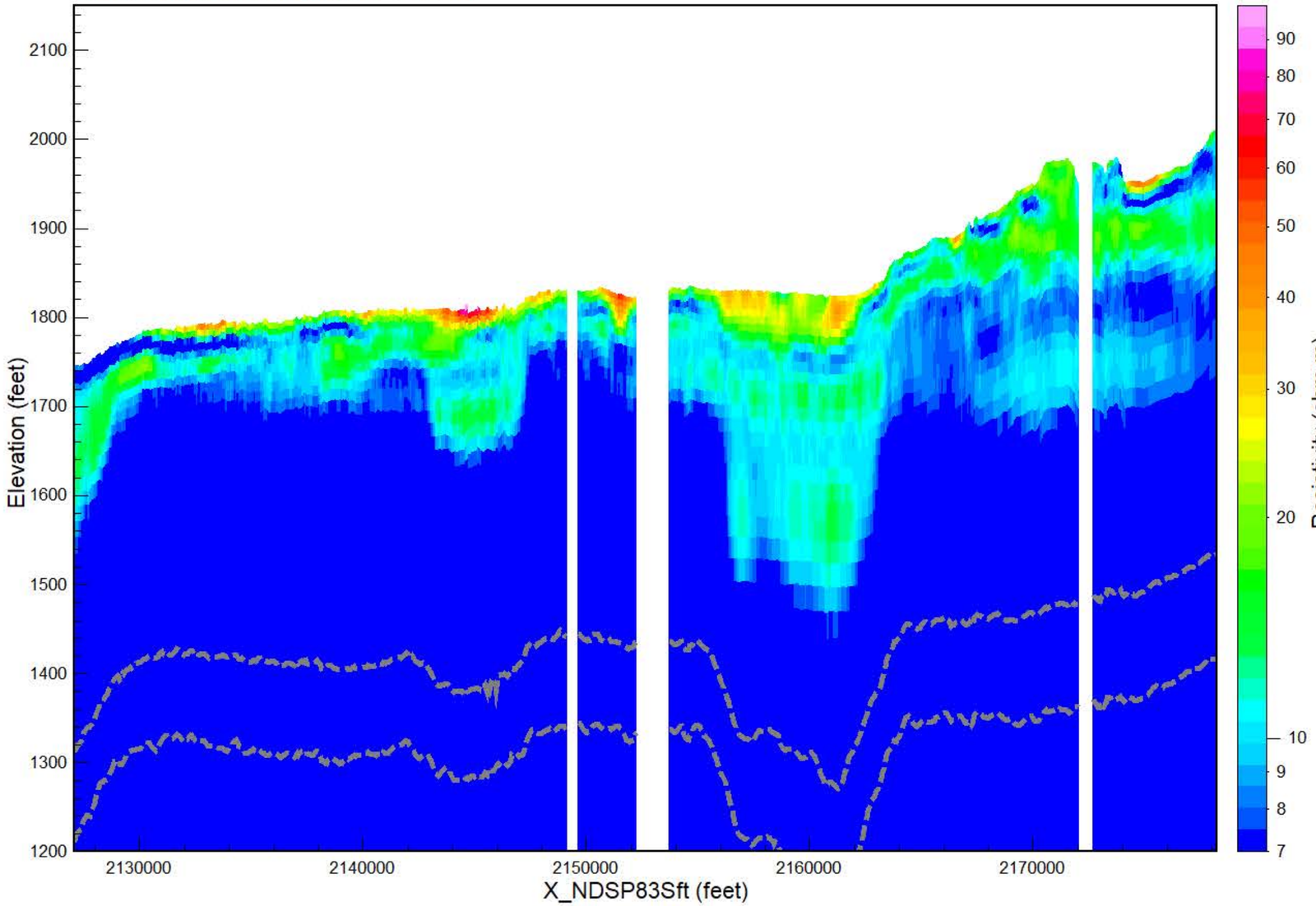
Flight Location Line L502501



AEM Survey Area 1



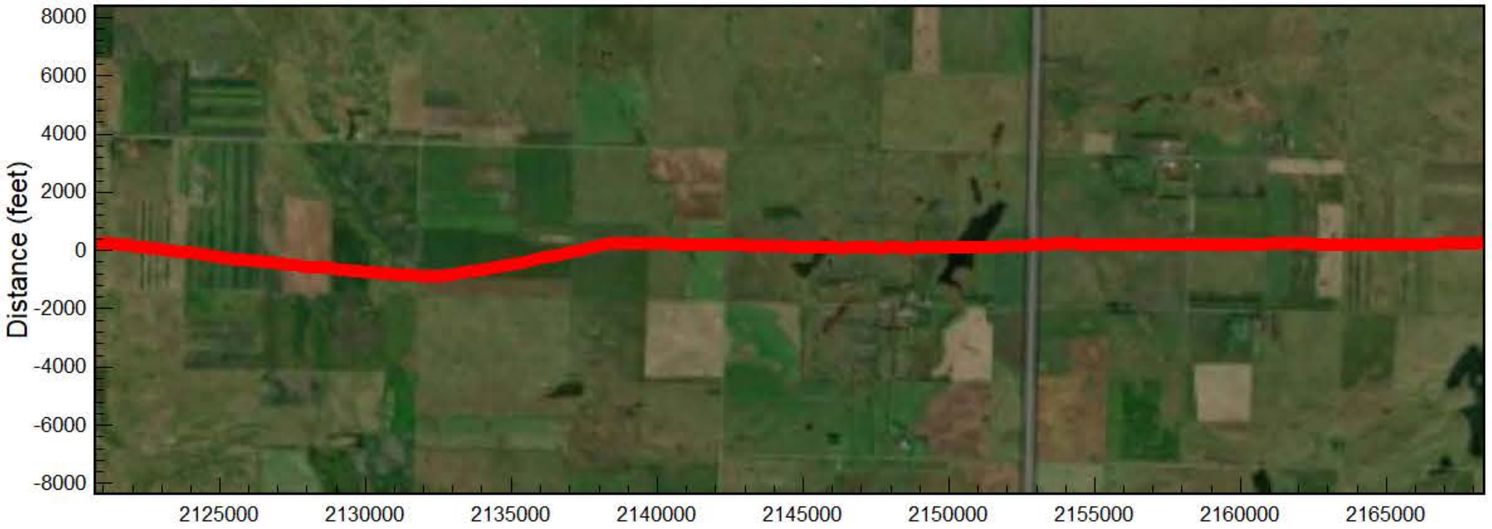
Final SCI Resistivity Line L502501



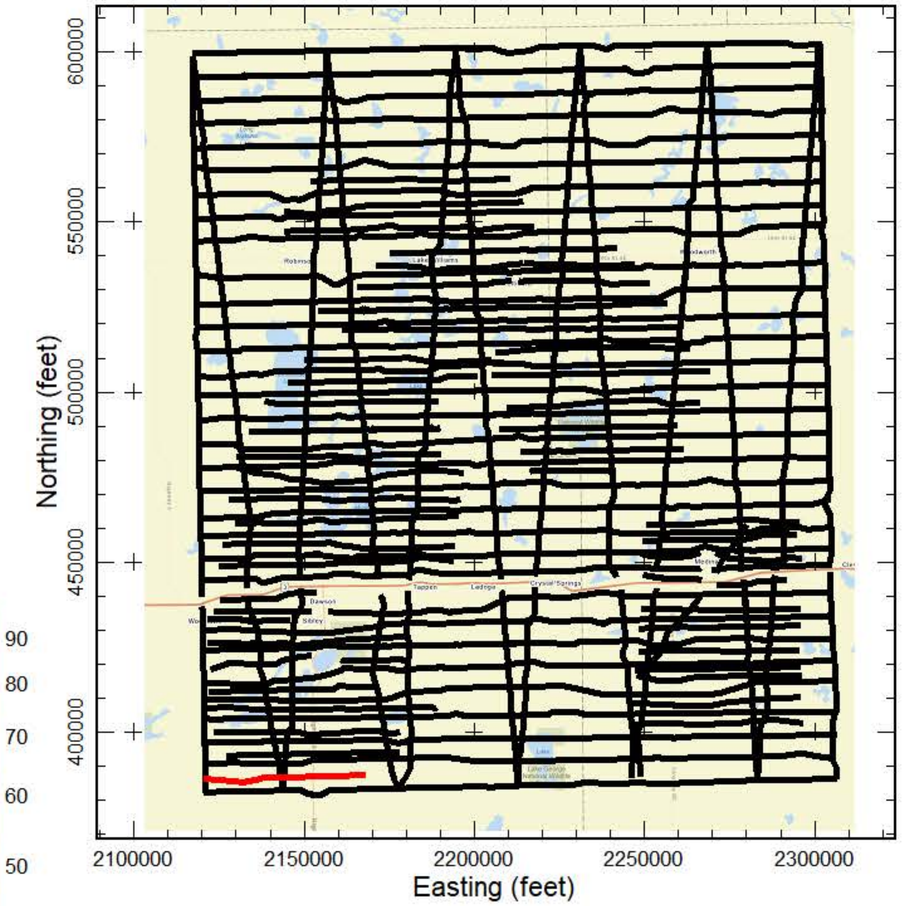
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

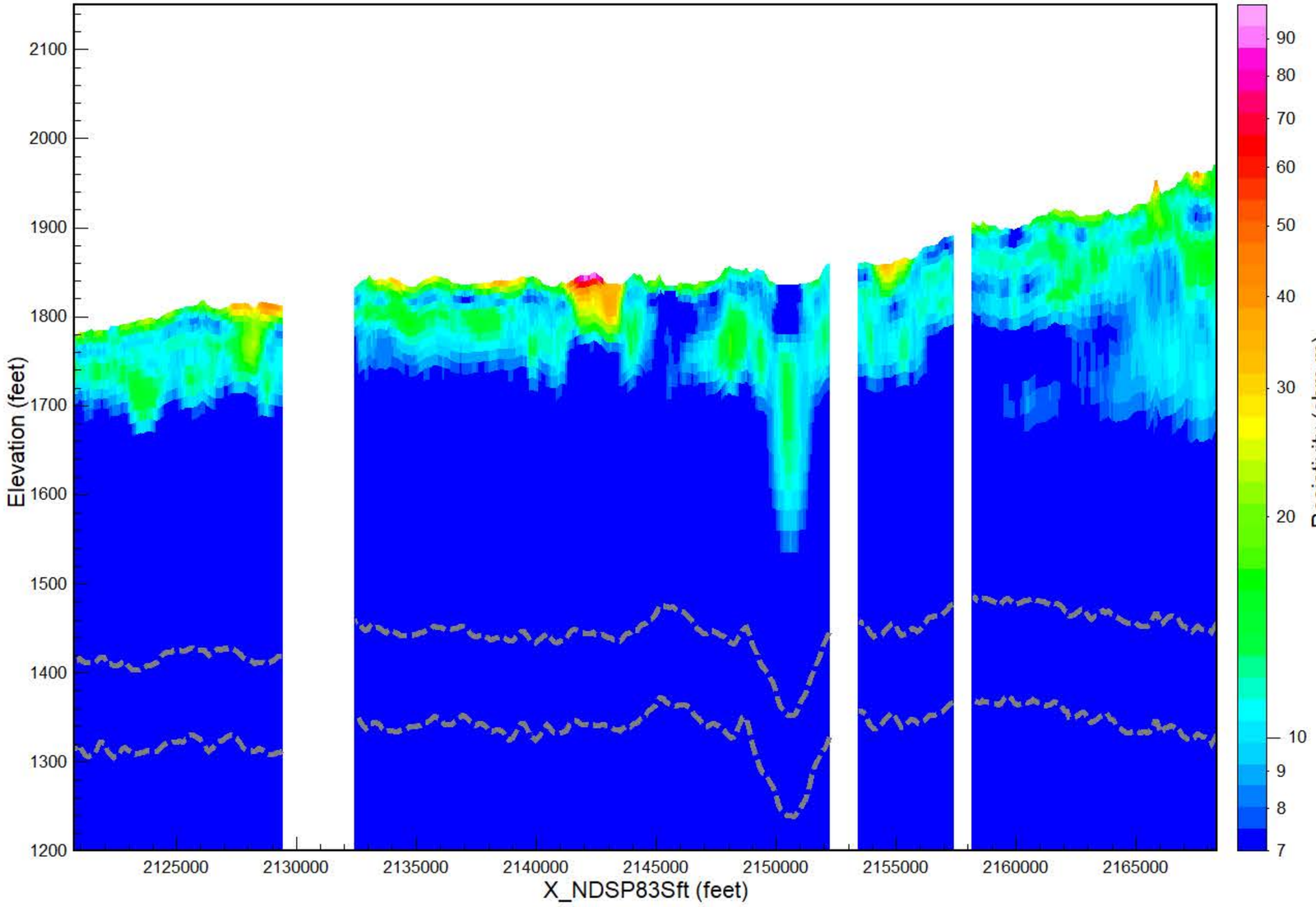
Flight Location Line L502611



AEM Survey Area 1



Final SCI Resistivity Line L502611



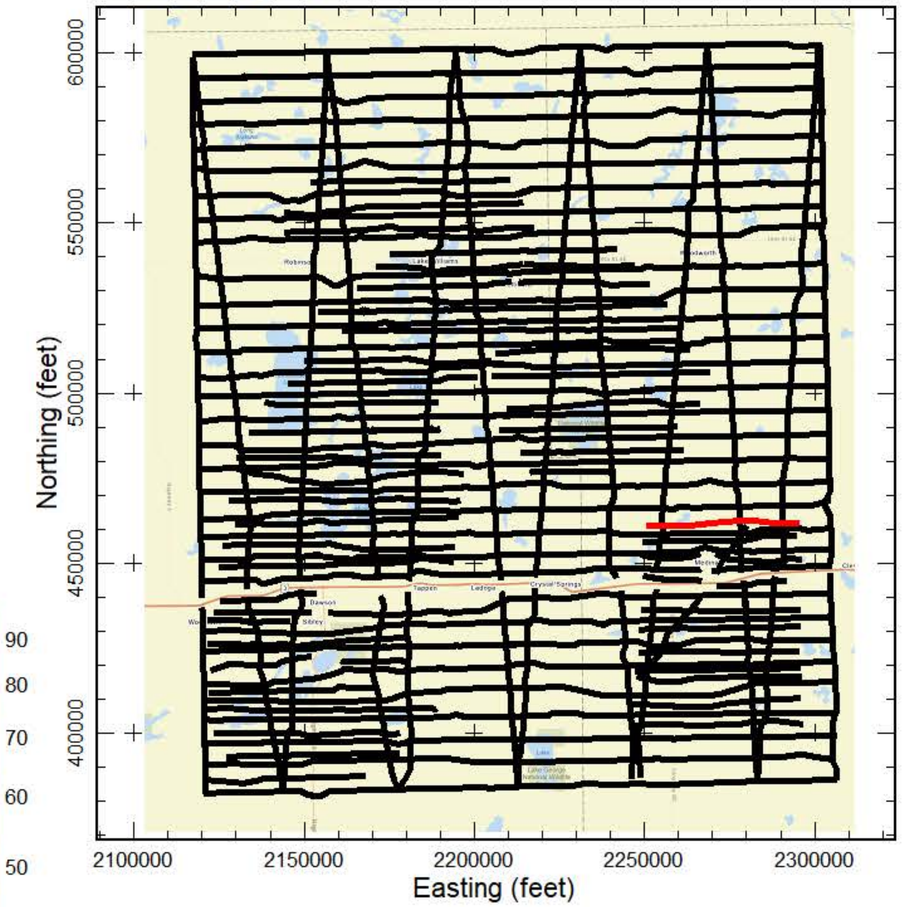
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

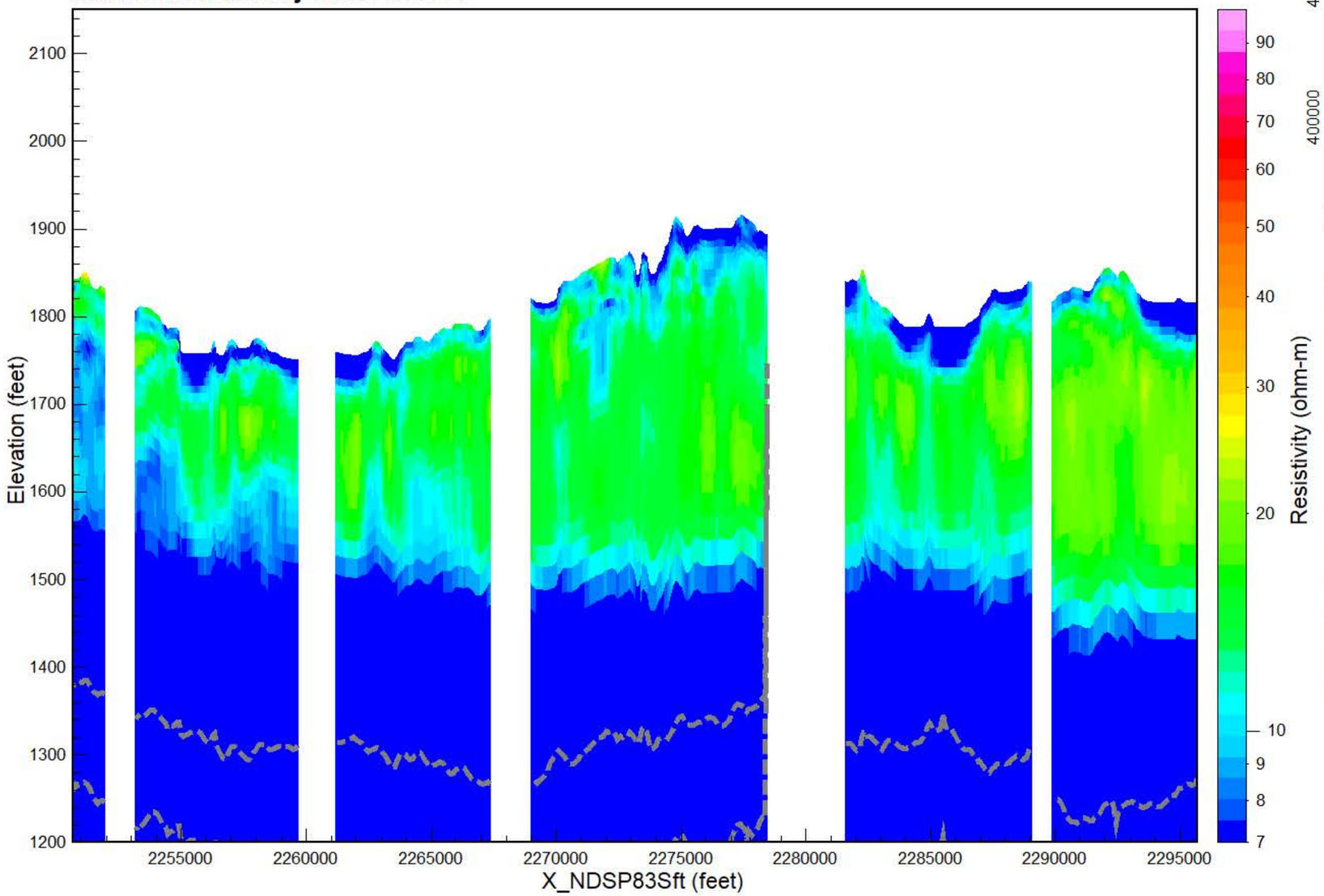
Flight Location Line L502701



AEM Survey Area 1



Final SCI Resistivity Line L502701



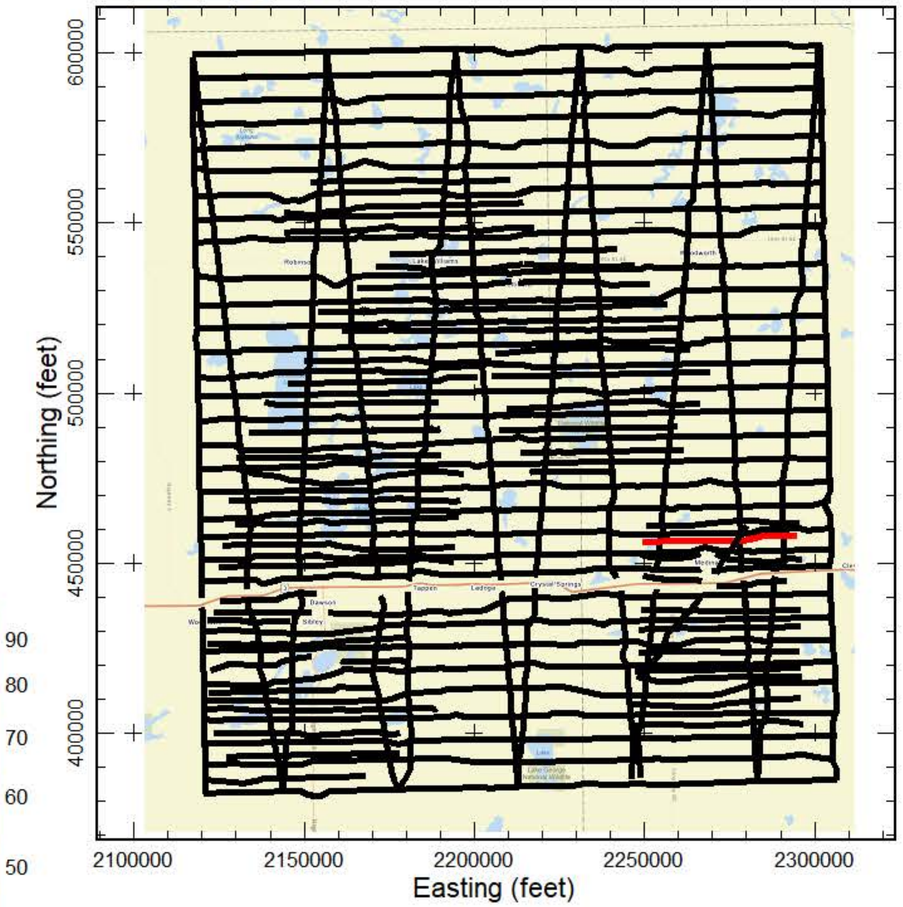
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

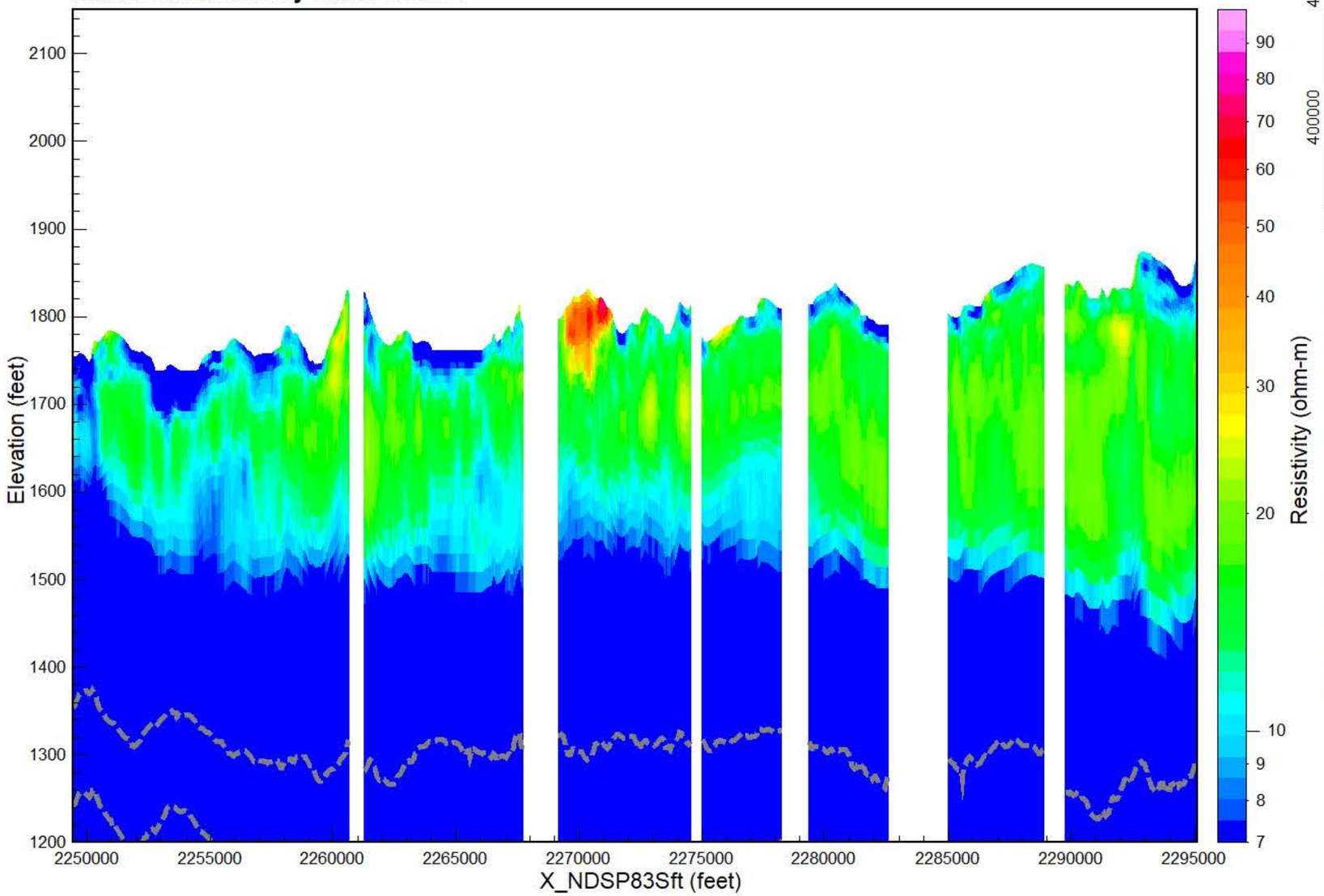
Flight Location Line L502801



AEM Survey Area 1



Final SCI Resistivity Line L502801



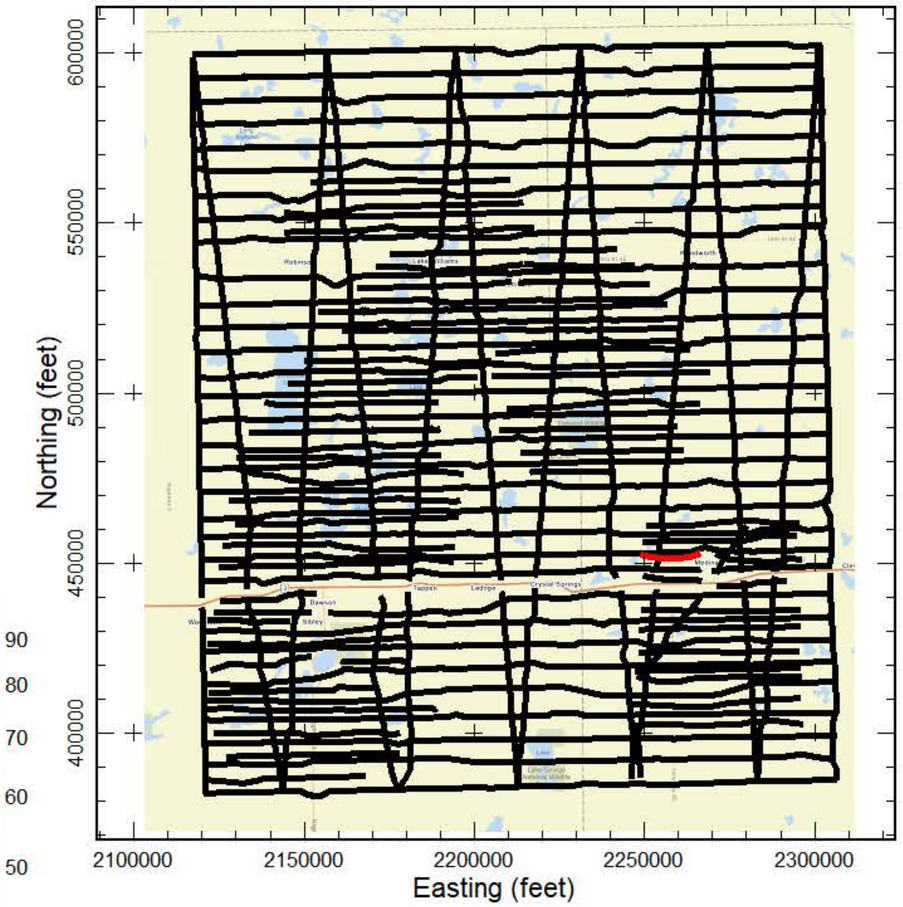
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

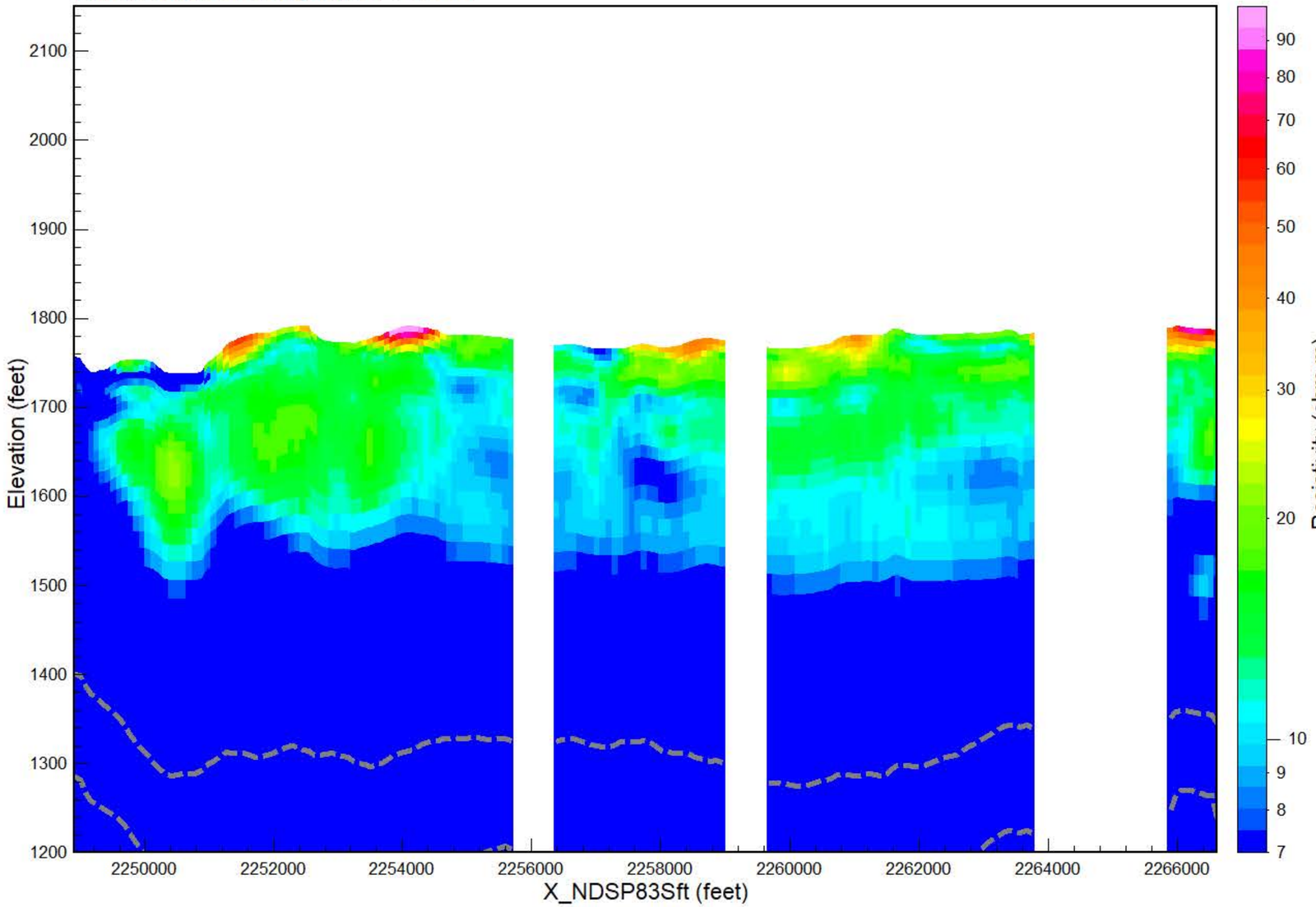
Flight Location Line L502901



AEM Survey Area 1



Final SCI Resistivity Line L502901



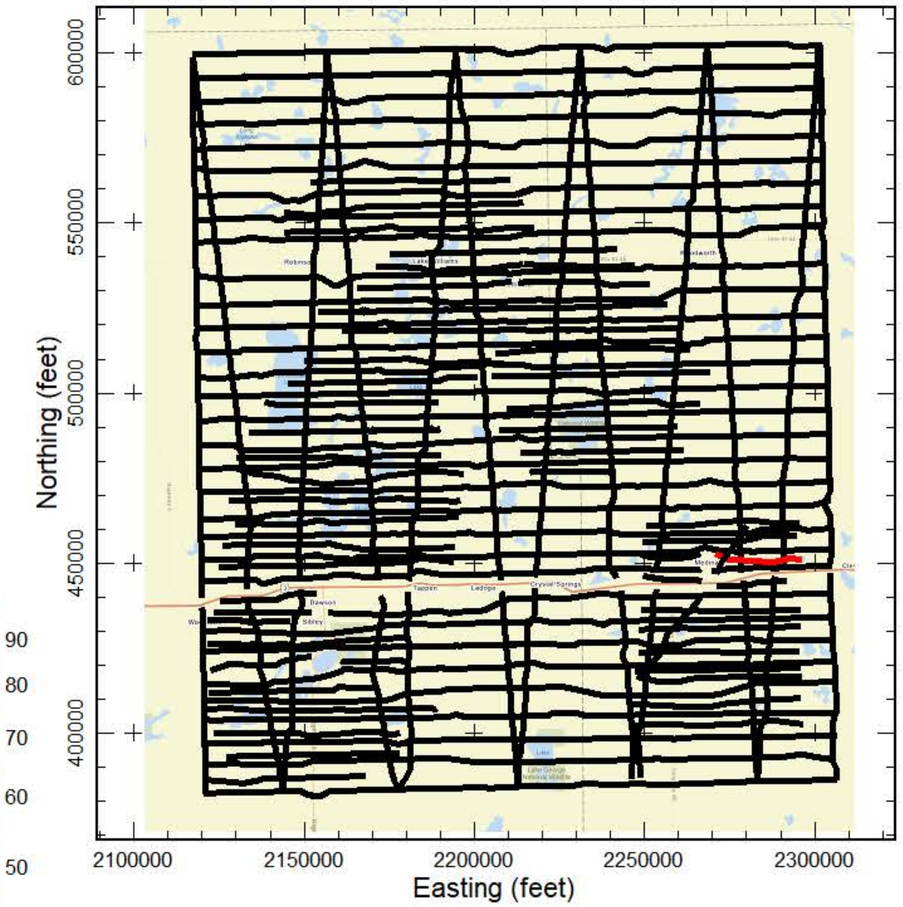
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

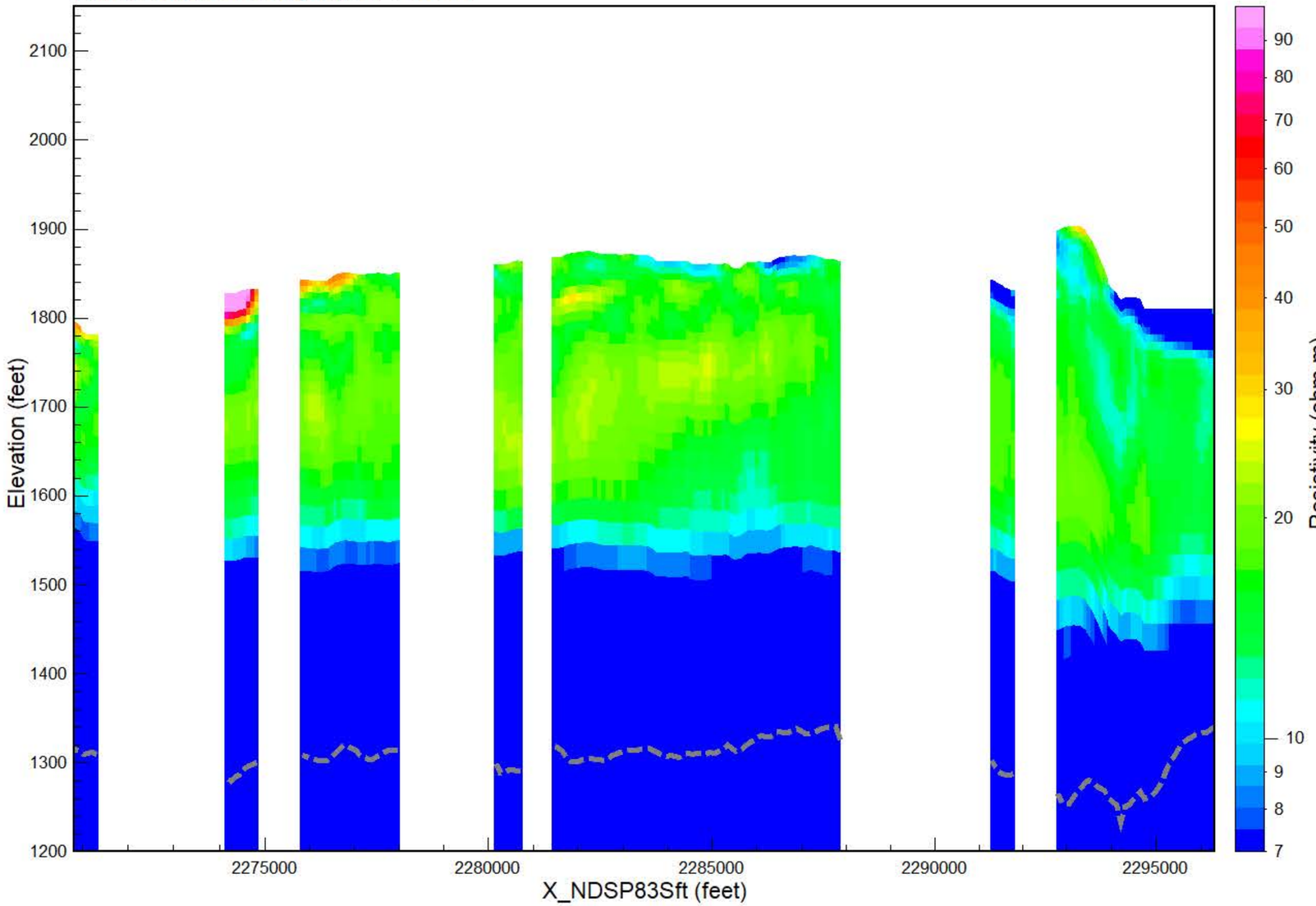
Flight Location Line L503001



AEM Survey Area 1



Final SCI Resistivity Line L503001



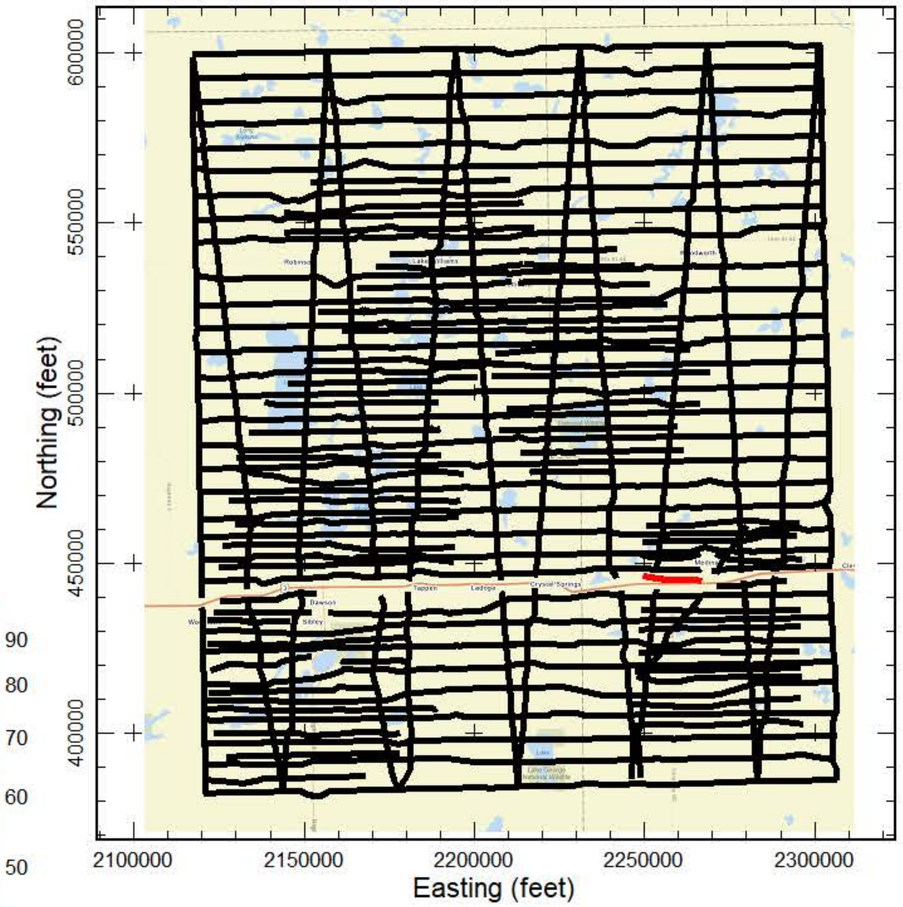
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

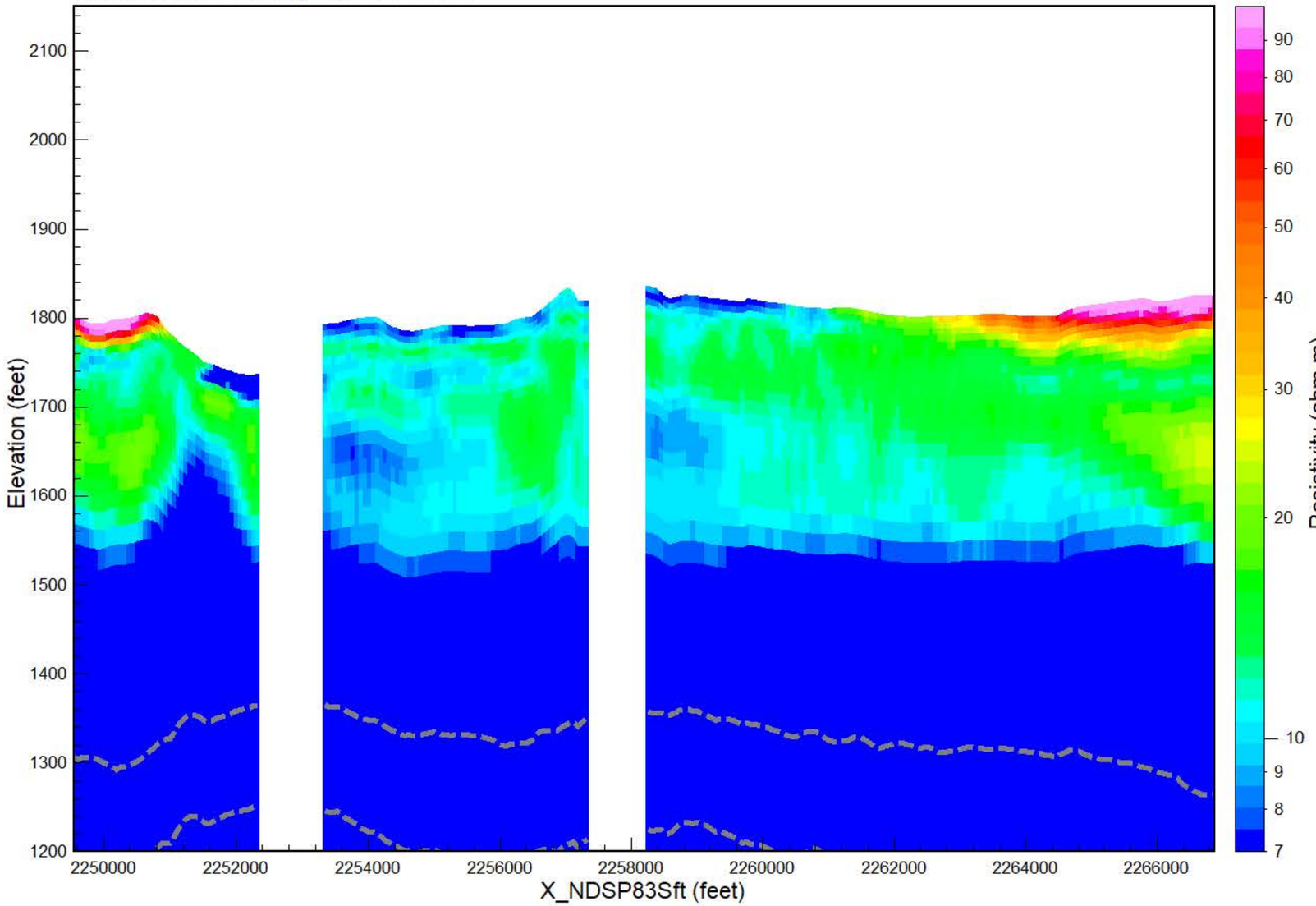
Flight Location Line L503101



AEM Survey Area 1



Final SCI Resistivity Line L503101



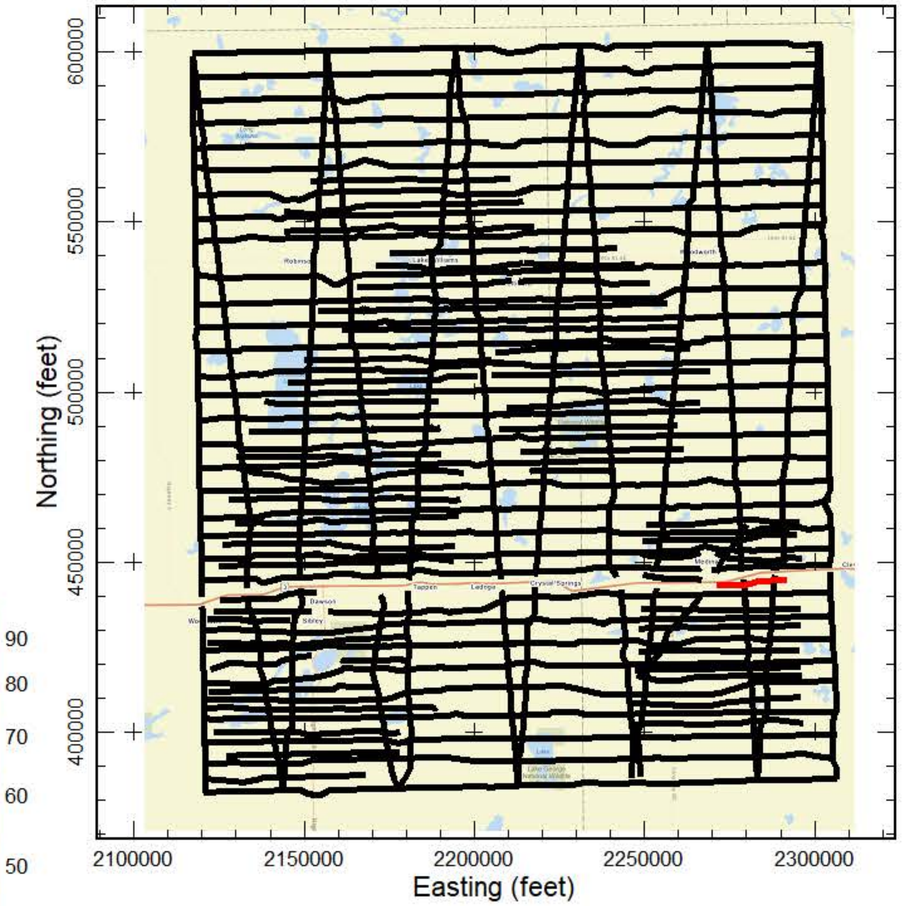
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

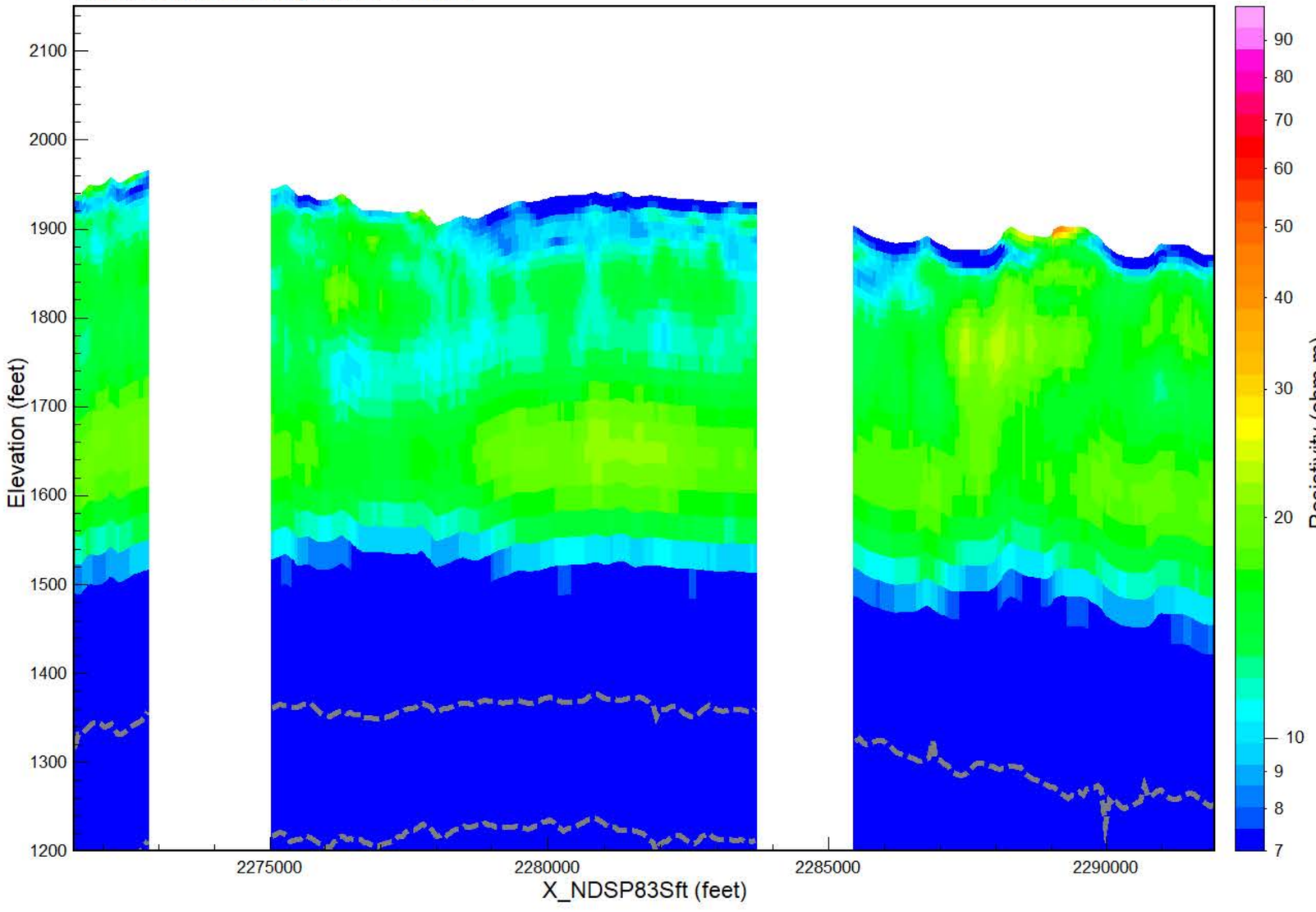
Flight Location Line L503201



AEM Survey Area 1



Final SCI Resistivity Line L503201



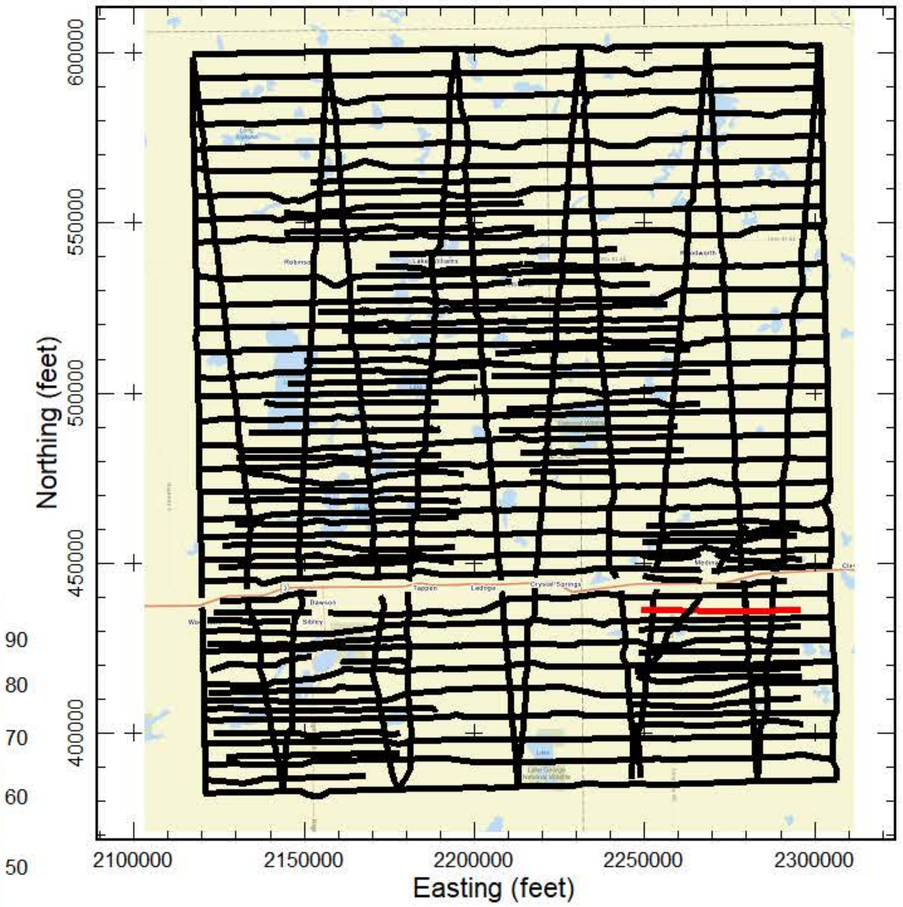
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

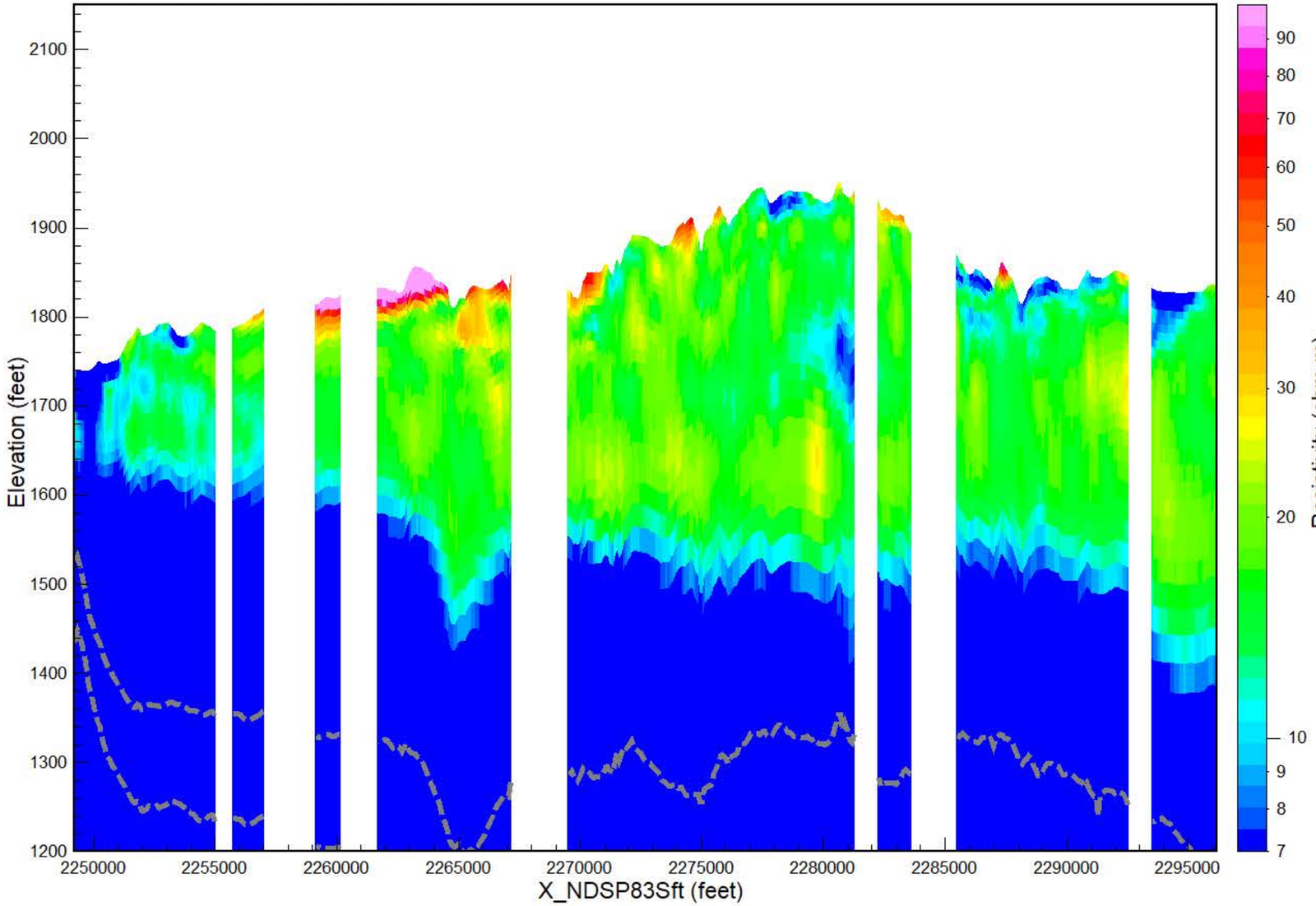
Flight Location Line L503301



AEM Survey Area 1



Final SCI Resistivity Line L503301



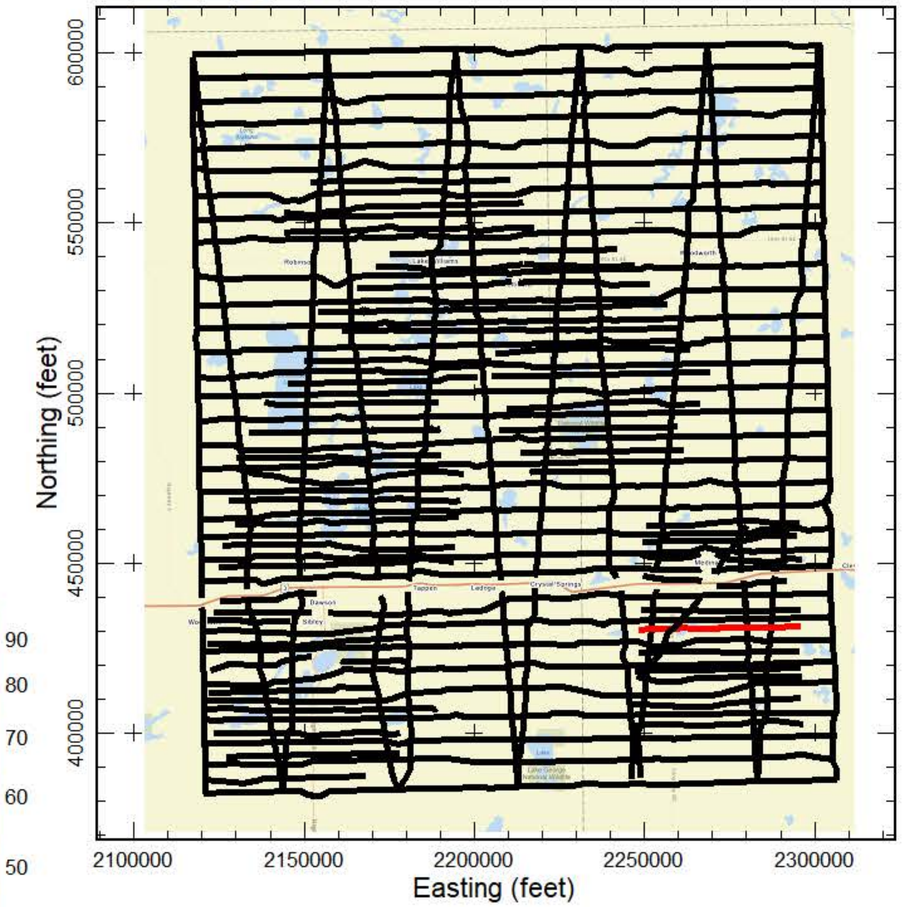
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

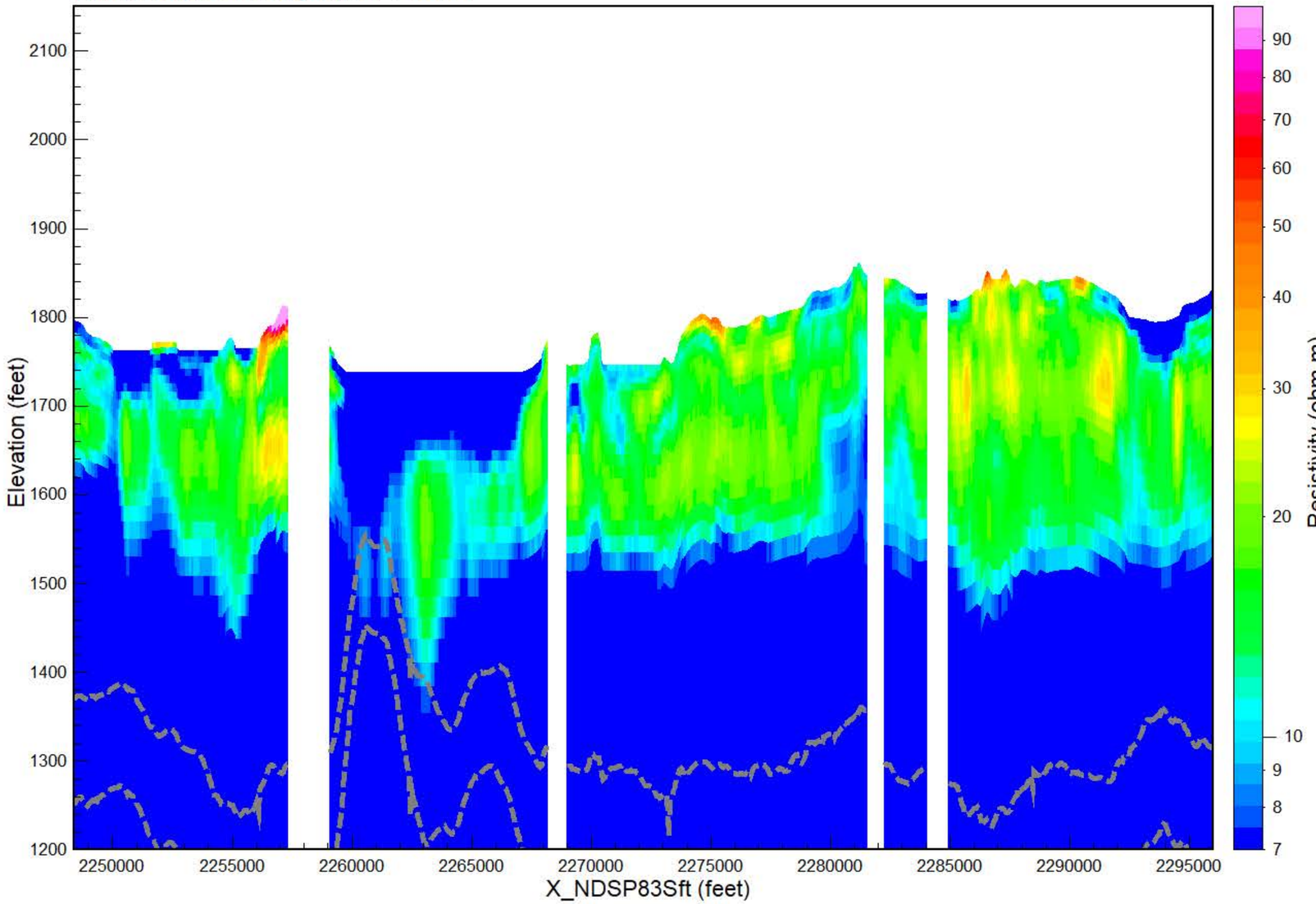
Flight Location Line L503401



AEM Survey Area 1



Final SCI Resistivity Line L503401



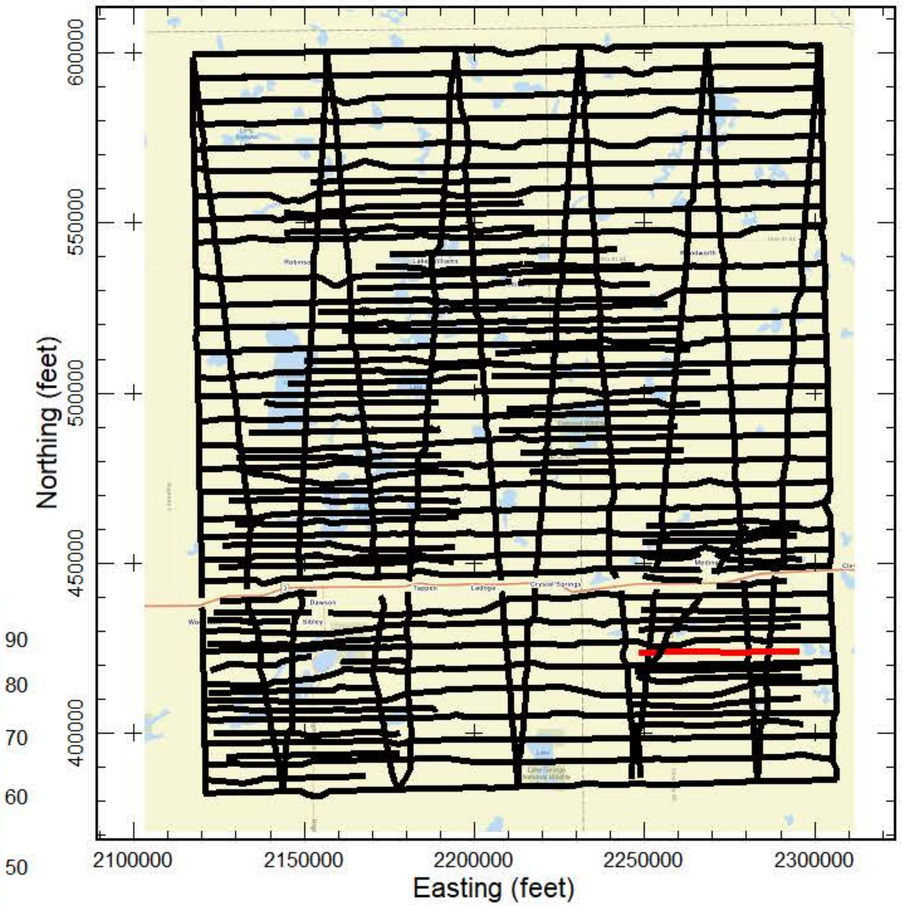
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

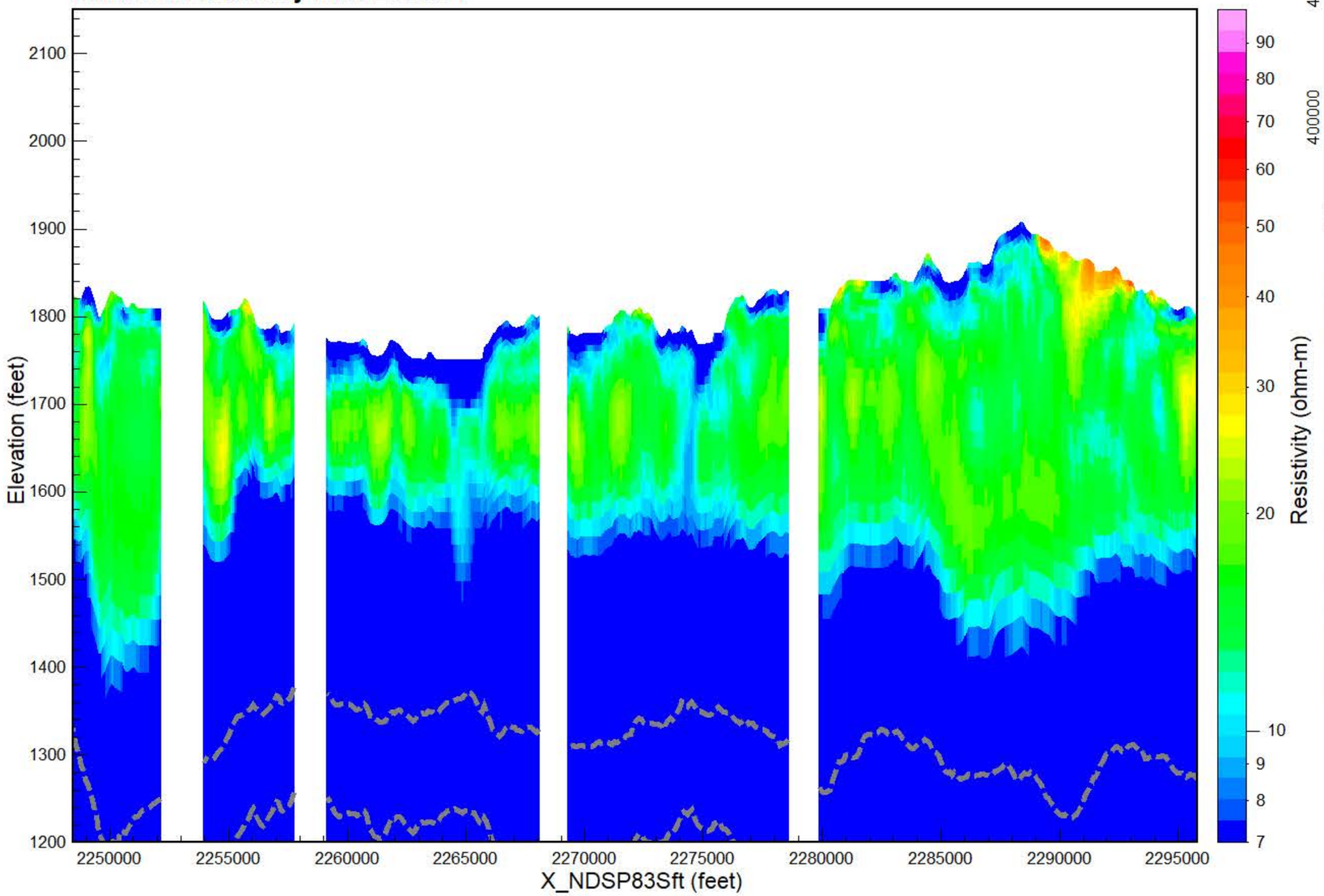
Flight Location Line L503501



AEM Survey Area 1



Final SCI Resistivity Line L503501



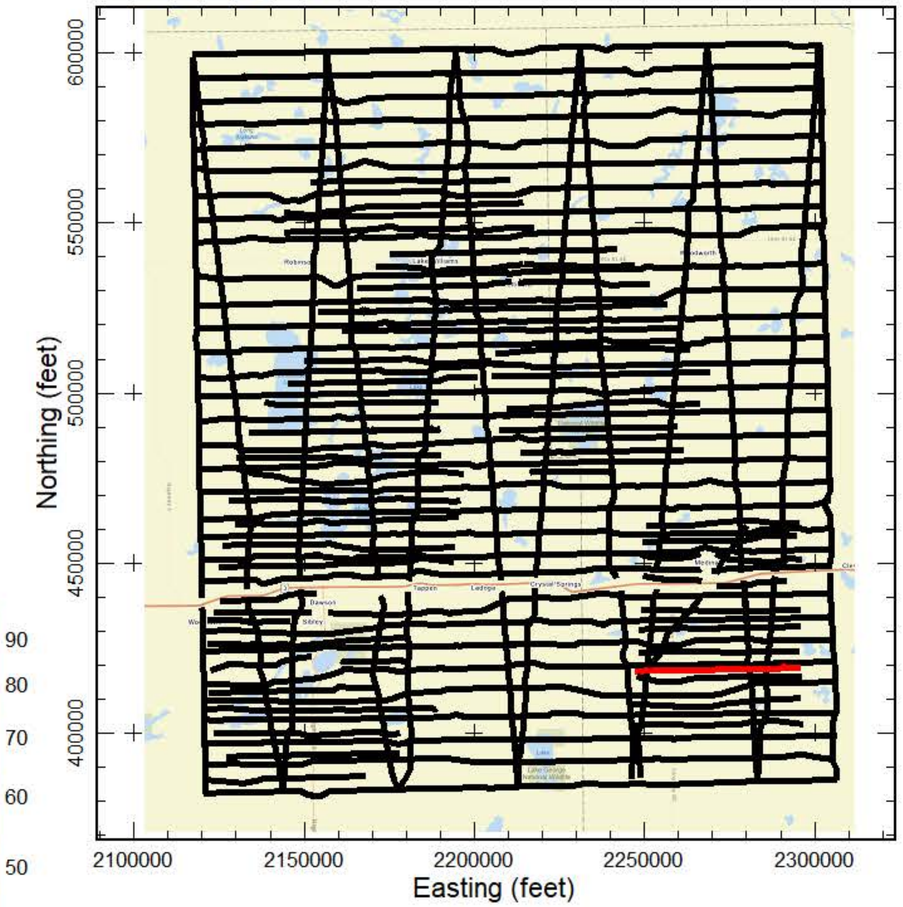
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

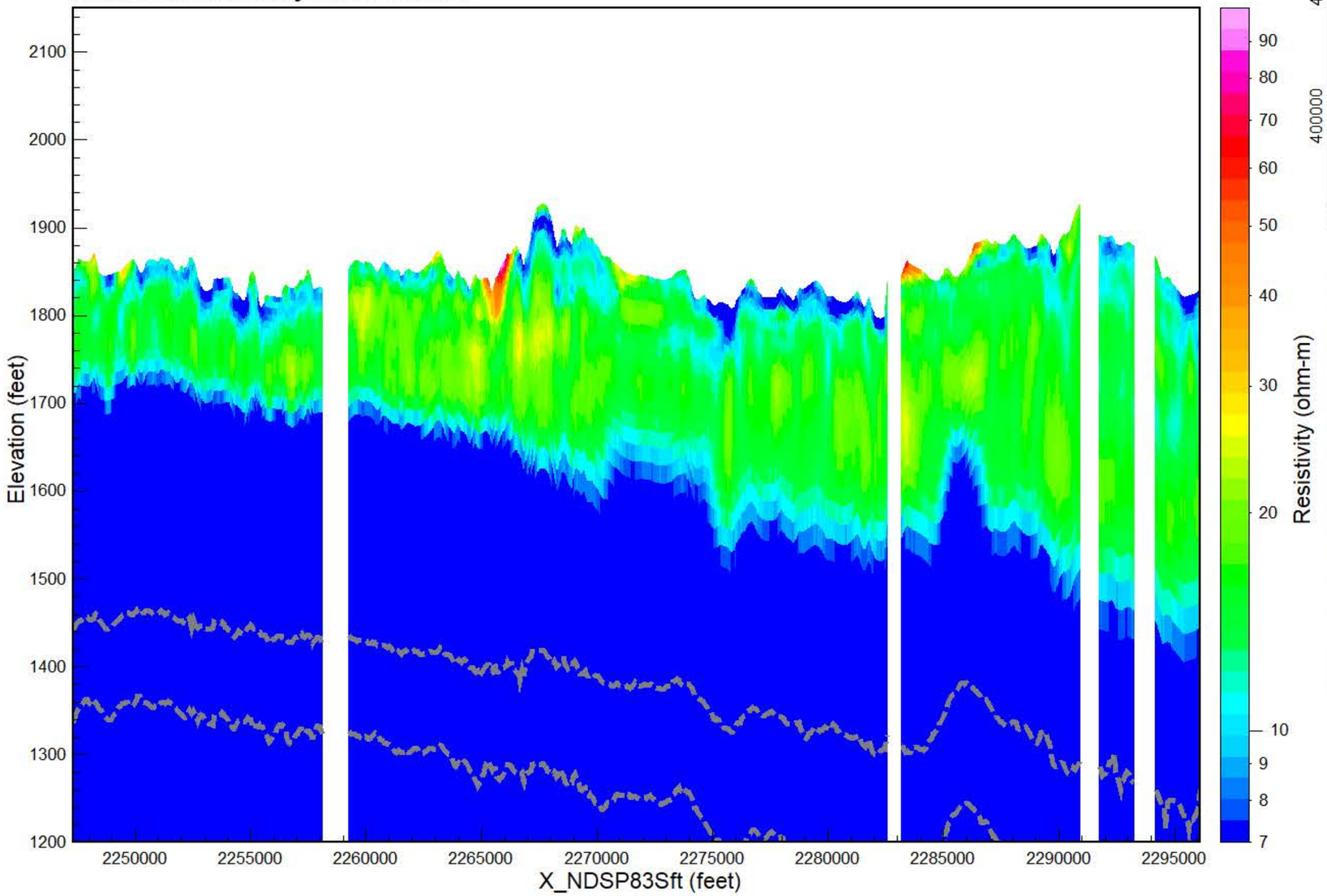
Flight Location Line L503601



AEM Survey Area 1



Final SCI Resistivity Line L503601



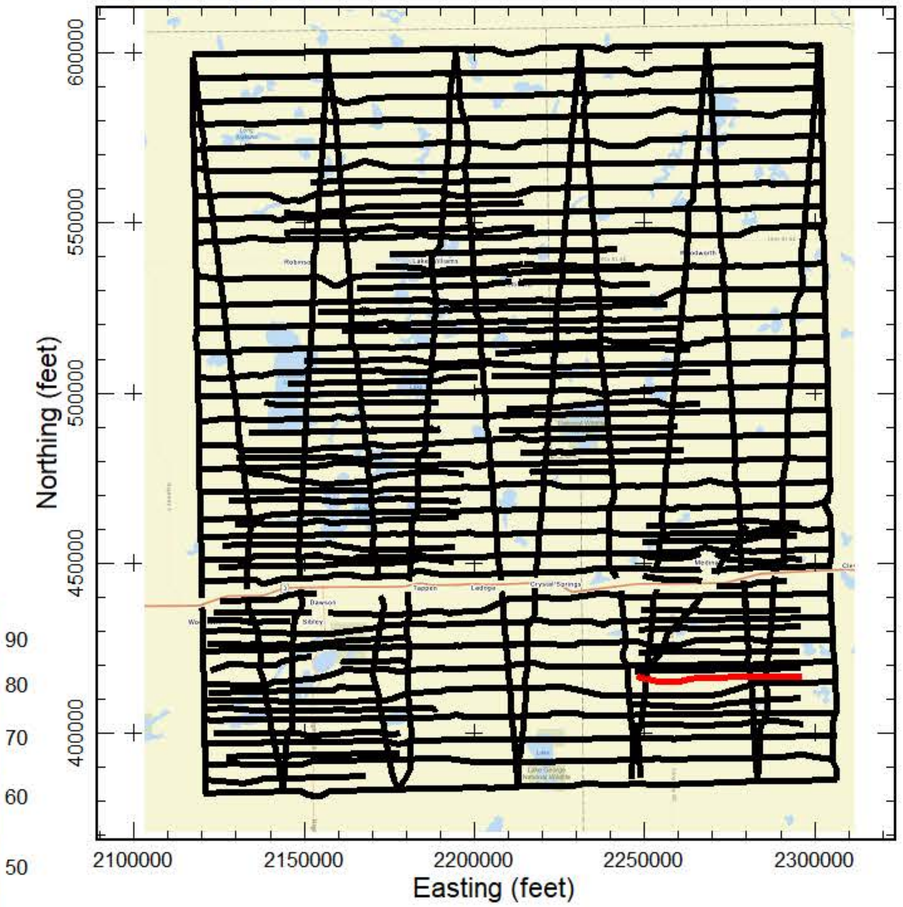
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

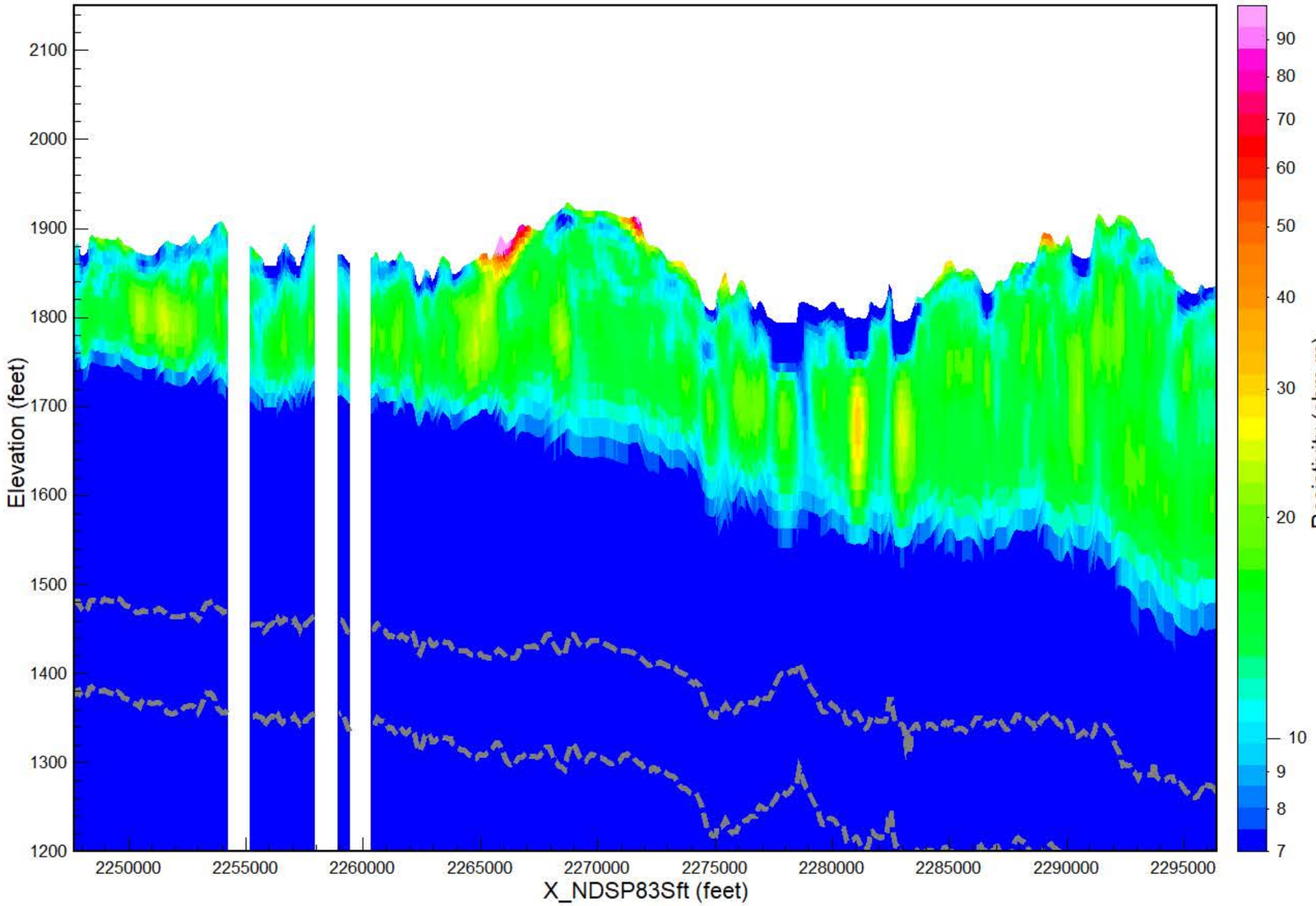
Flight Location Line L503701



AEM Survey Area 1



Final SCI Resistivity Line L503701



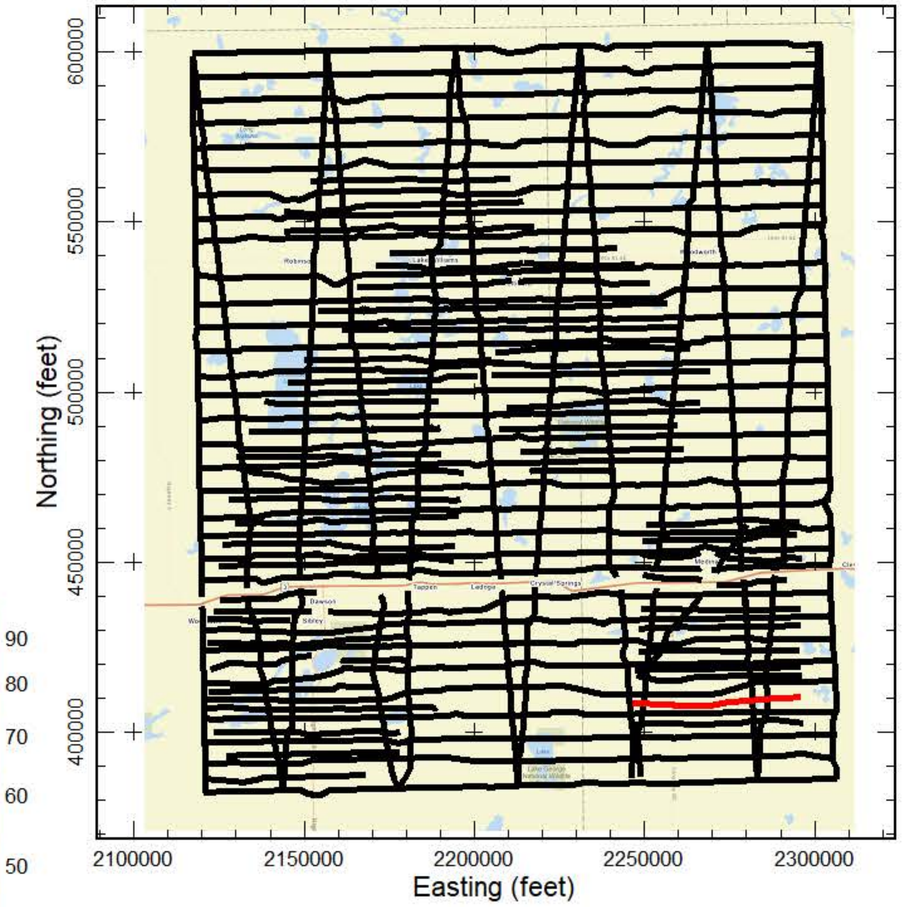
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

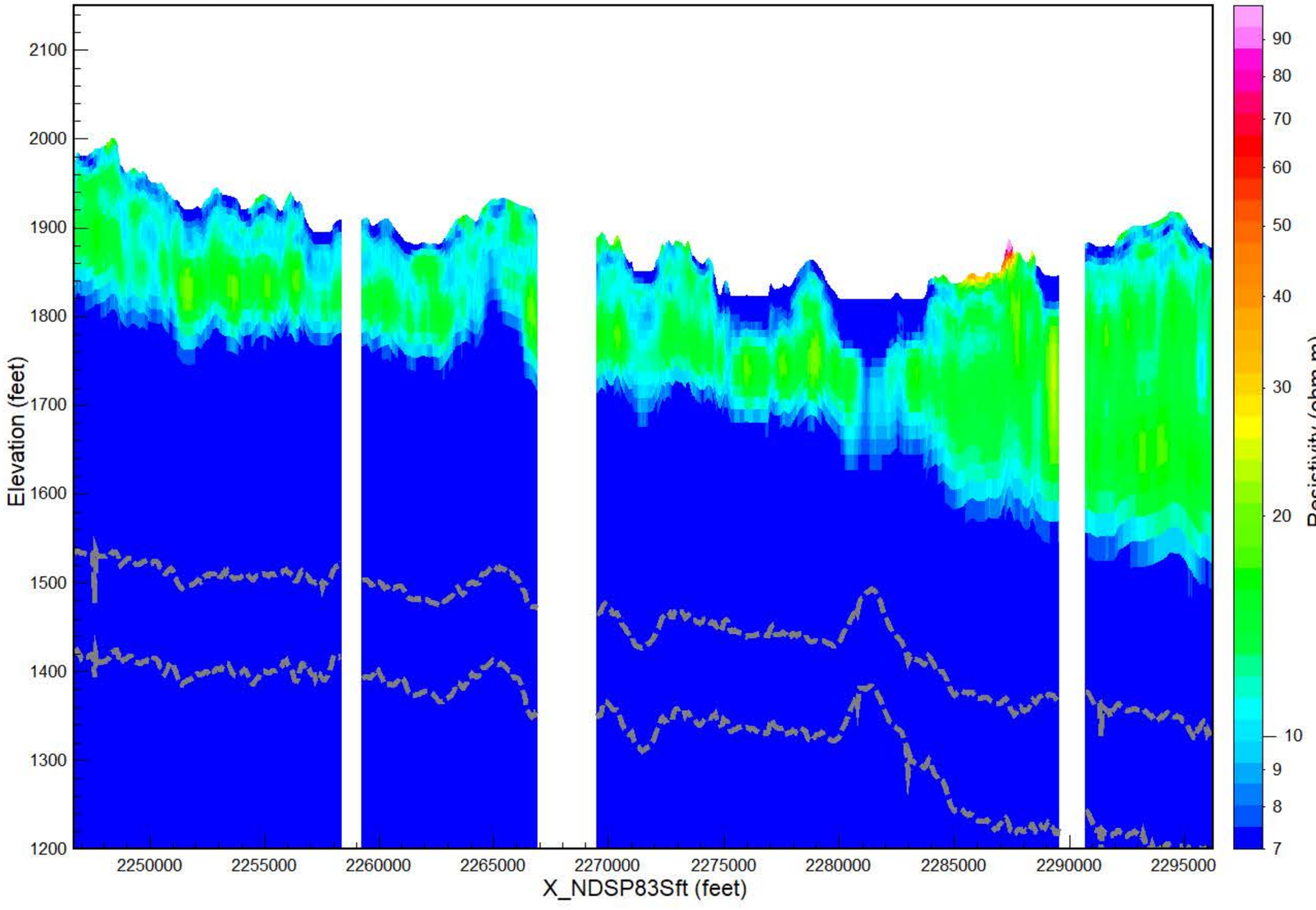
Flight Location Line L503801



AEM Survey Area 1



Final SCI Resistivity Line L503801



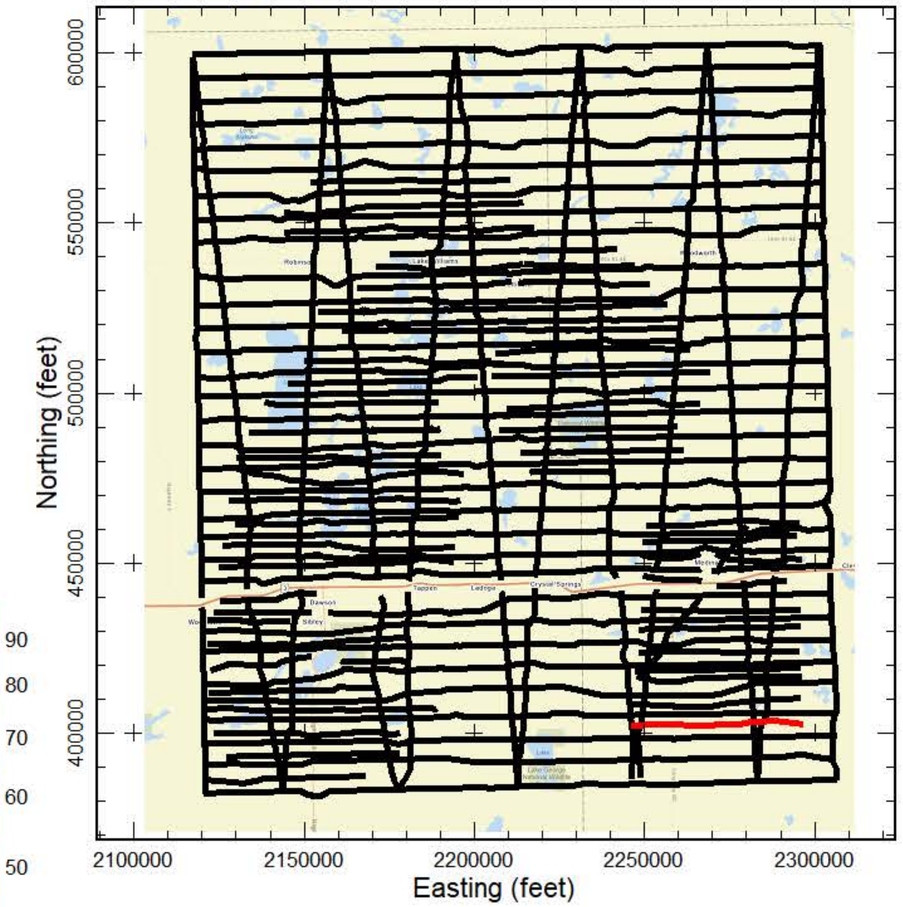
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

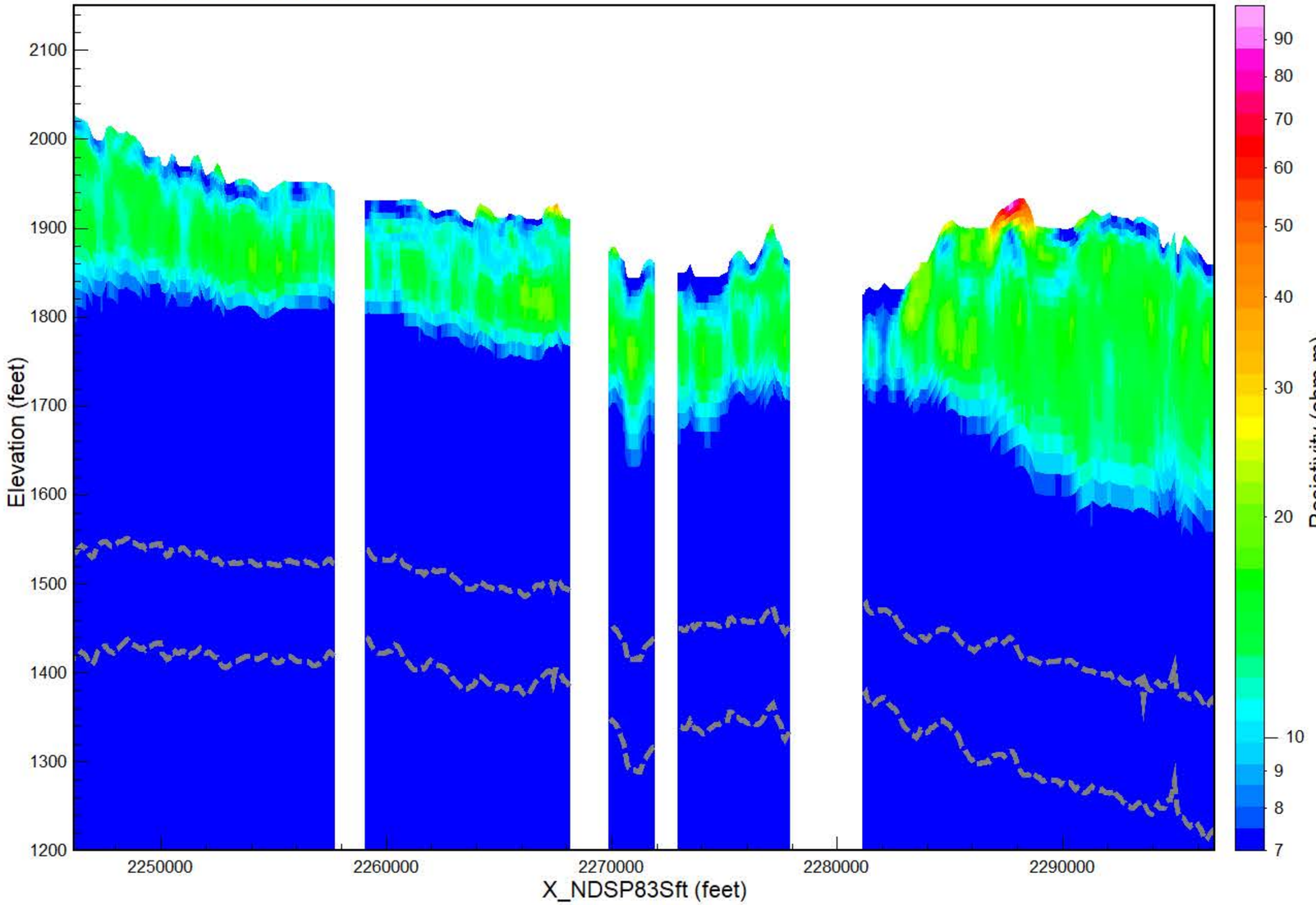
Flight Location Line L503901



AEM Survey Area 1



Final SCI Resistivity Line L503901



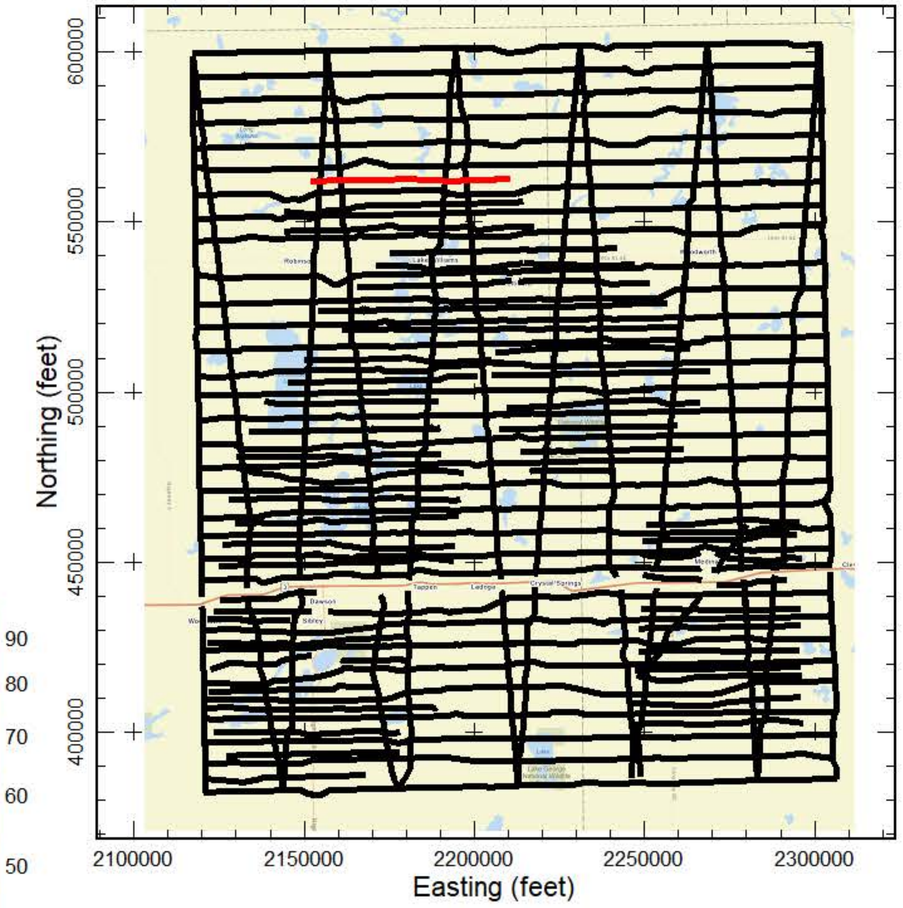
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

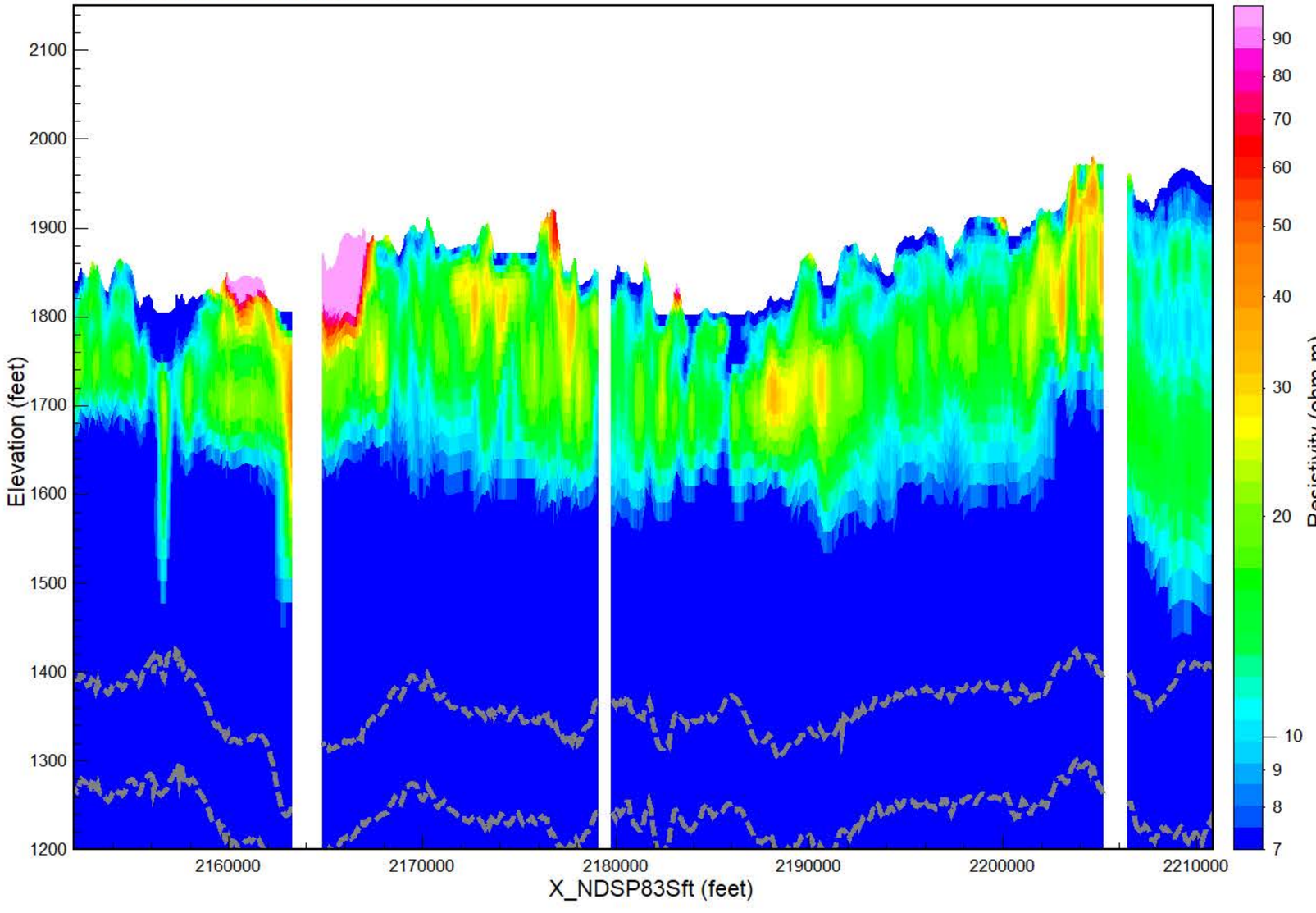
Flight Location Line L504001



AEM Survey Area 1



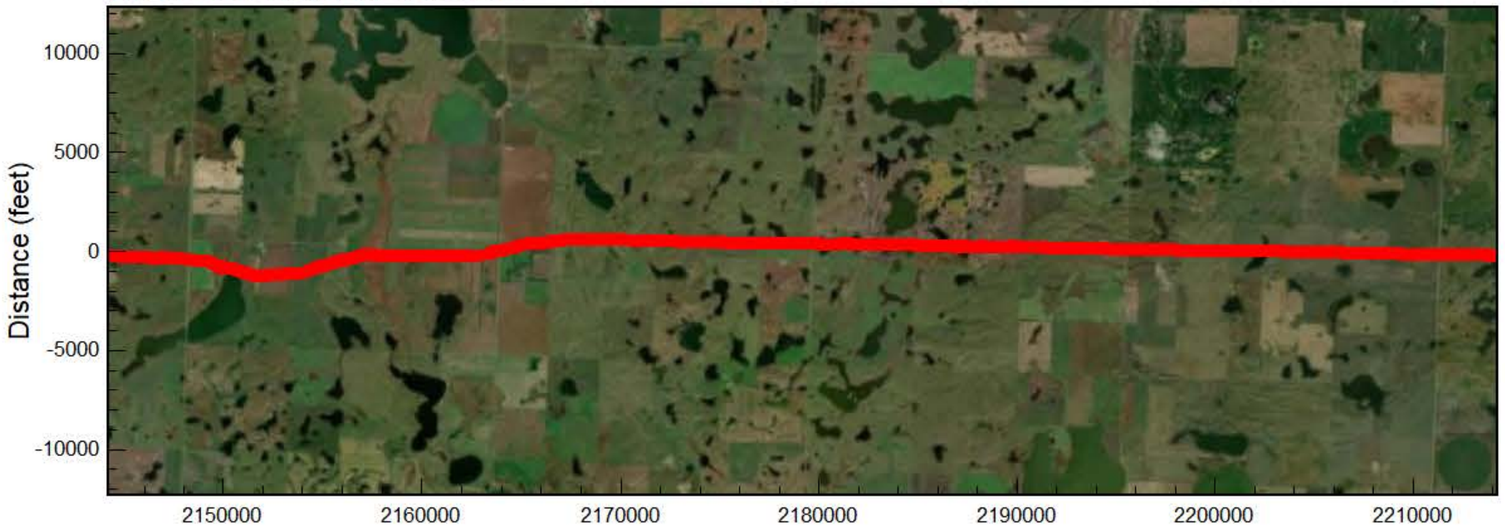
Final SCI Resistivity Line L504001



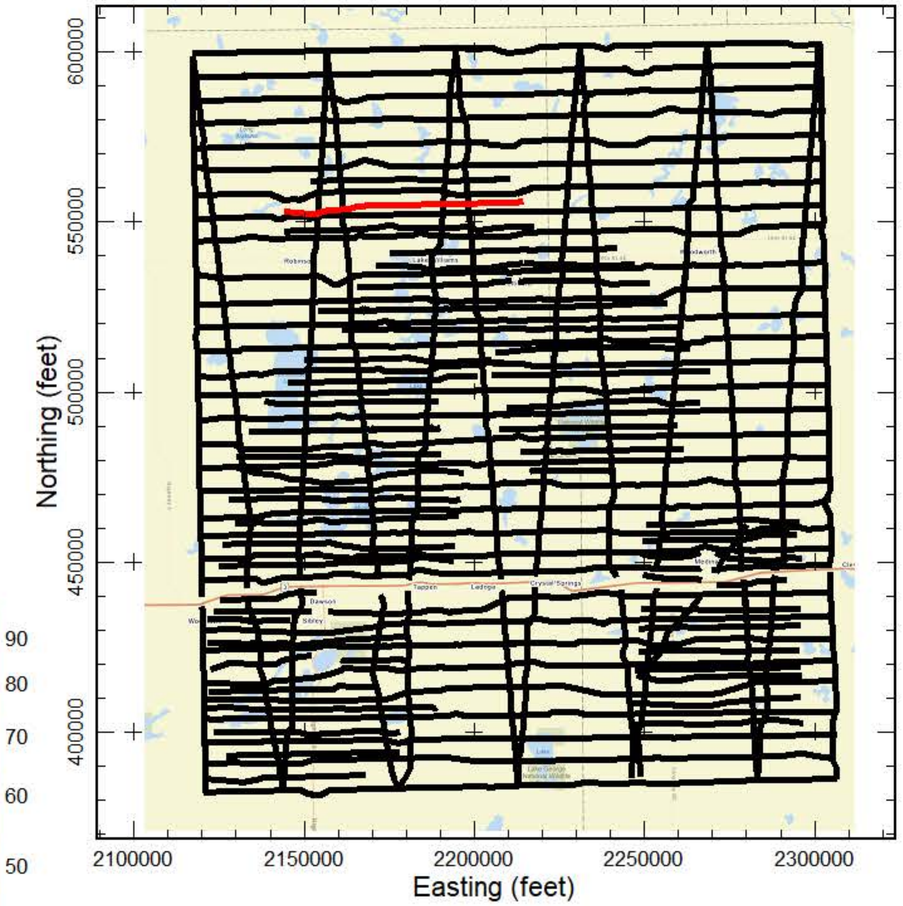
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

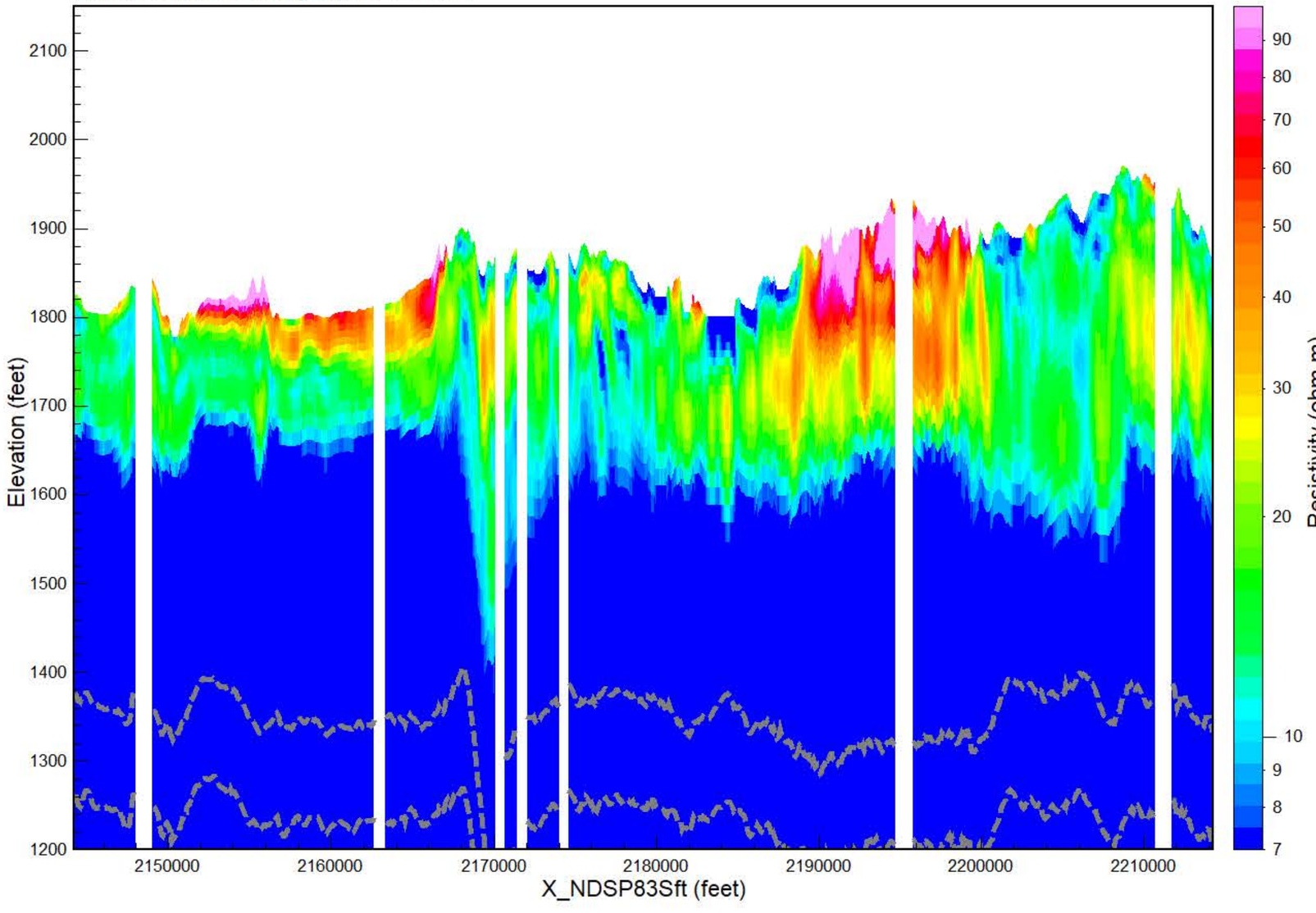
Flight Location Line L504101



AEM Survey Area 1



Final SCI Resistivity Line L504101



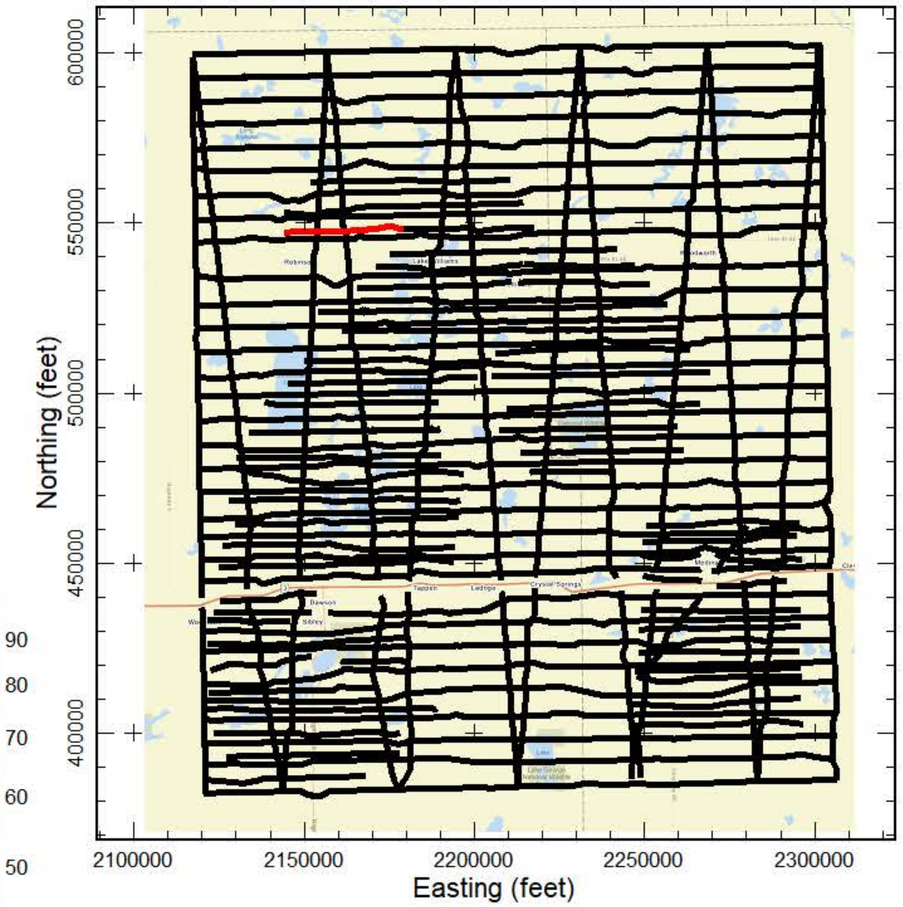
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

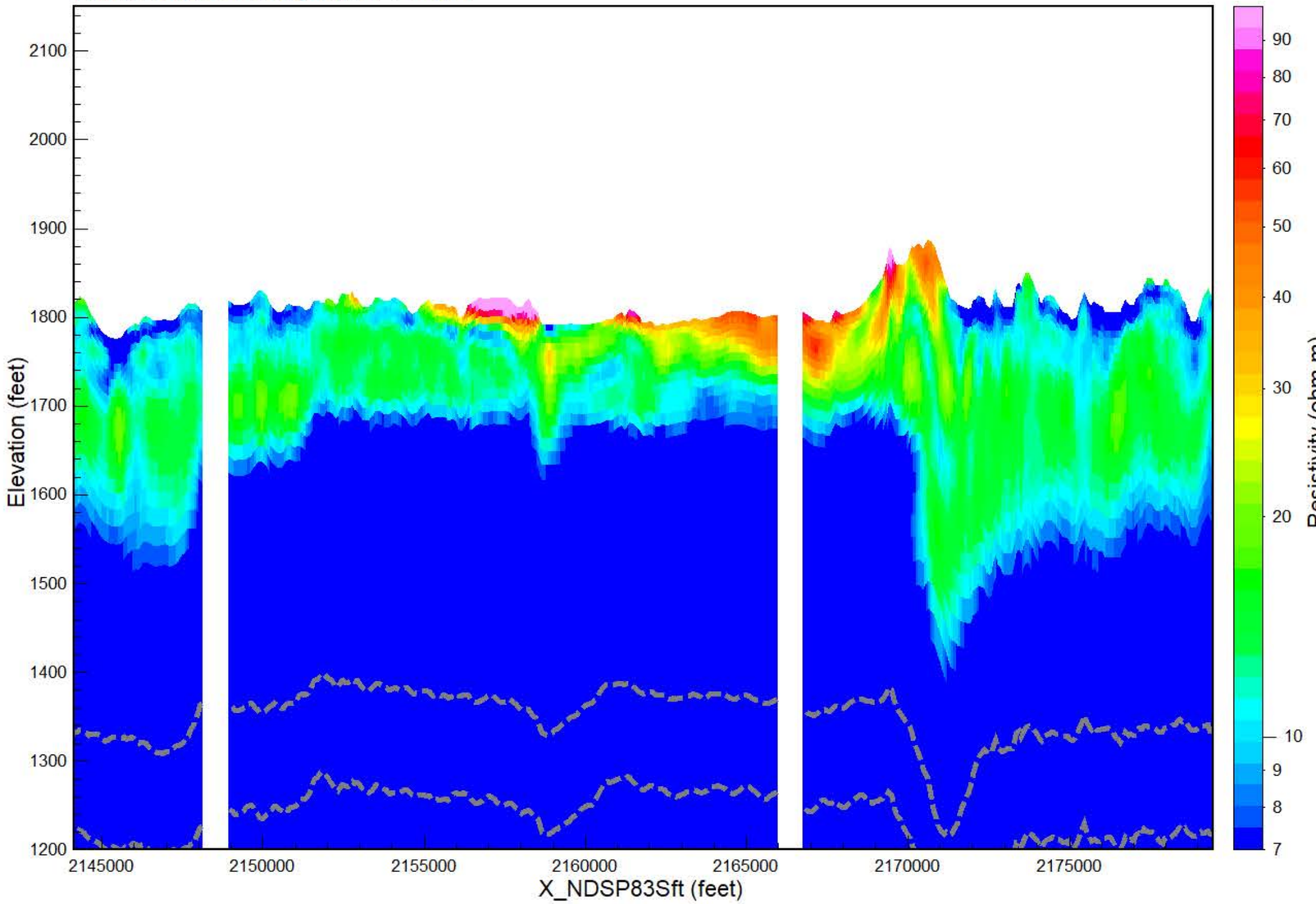
Flight Location Line L504201



AEM Survey Area 1



Final SCI Resistivity Line L504201



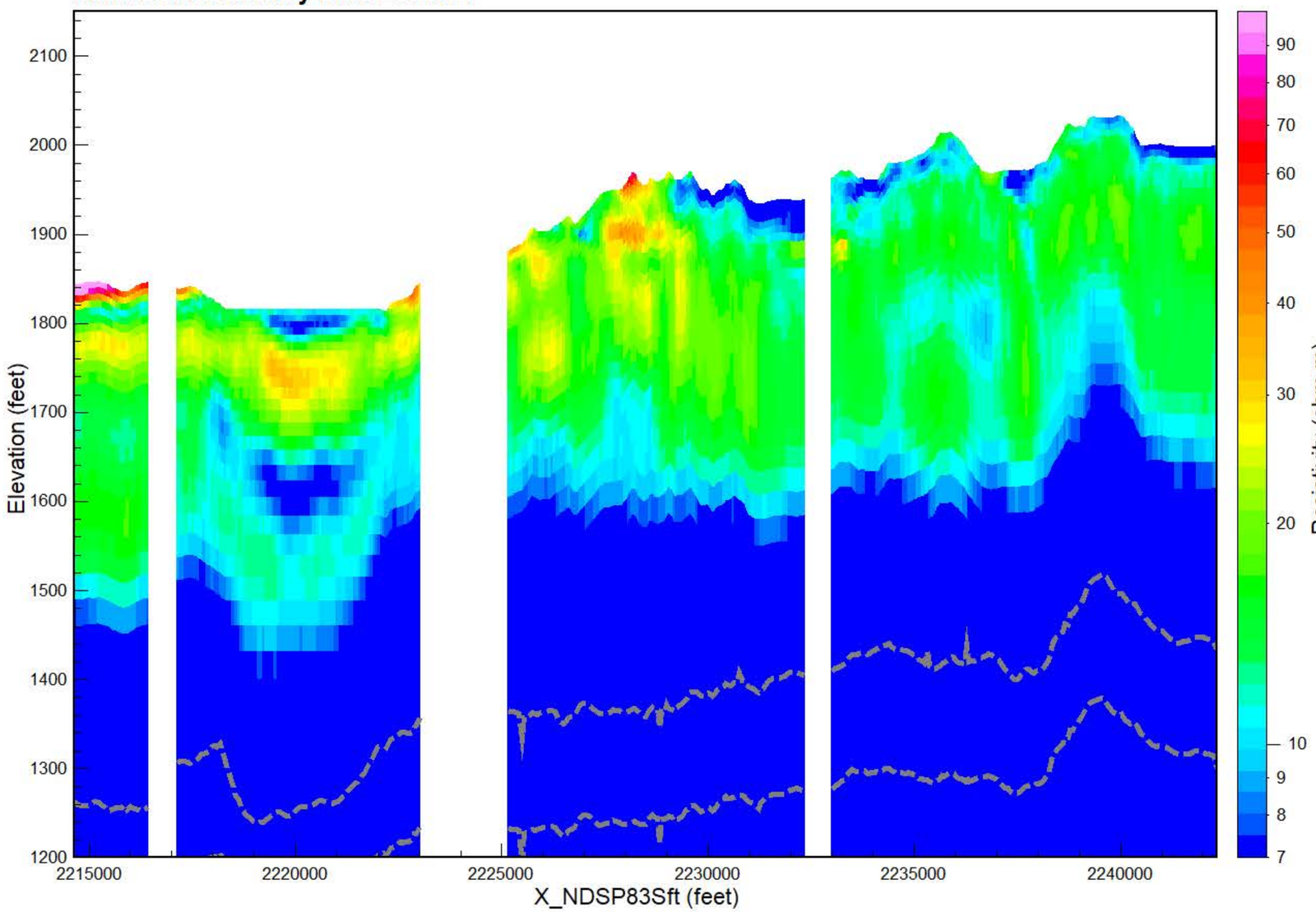
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

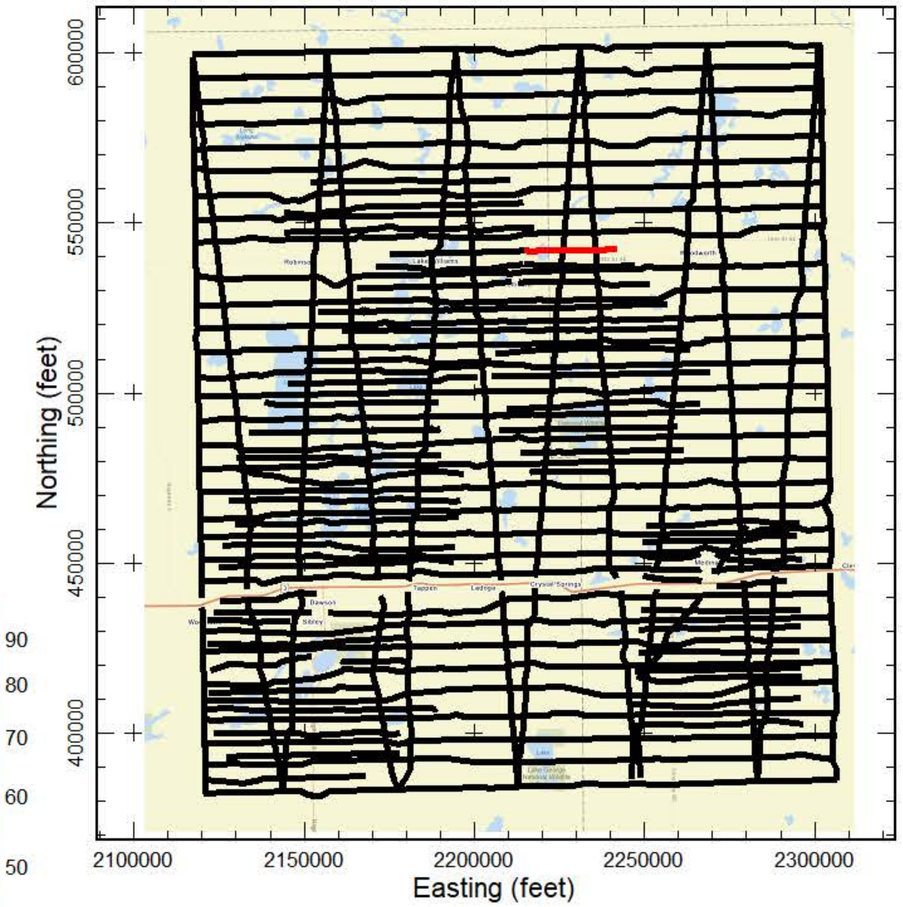
Flight Location Line L504301



Final SCI Resistivity Line L504301



AEM Survey Area 1



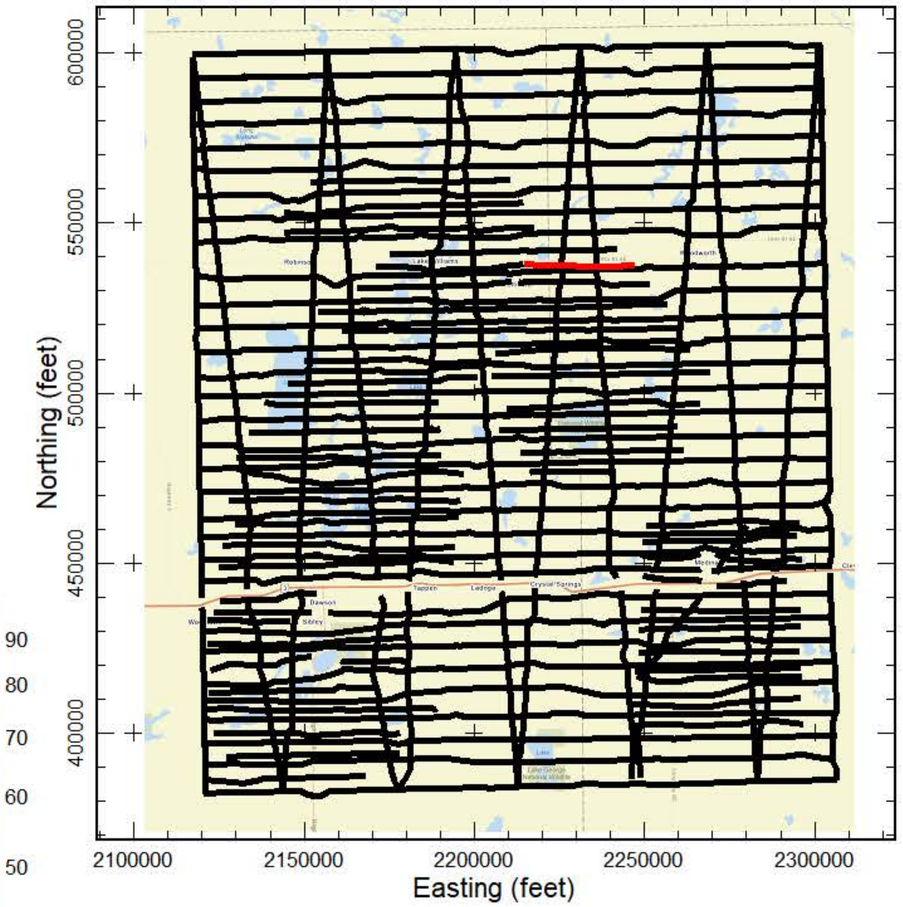
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

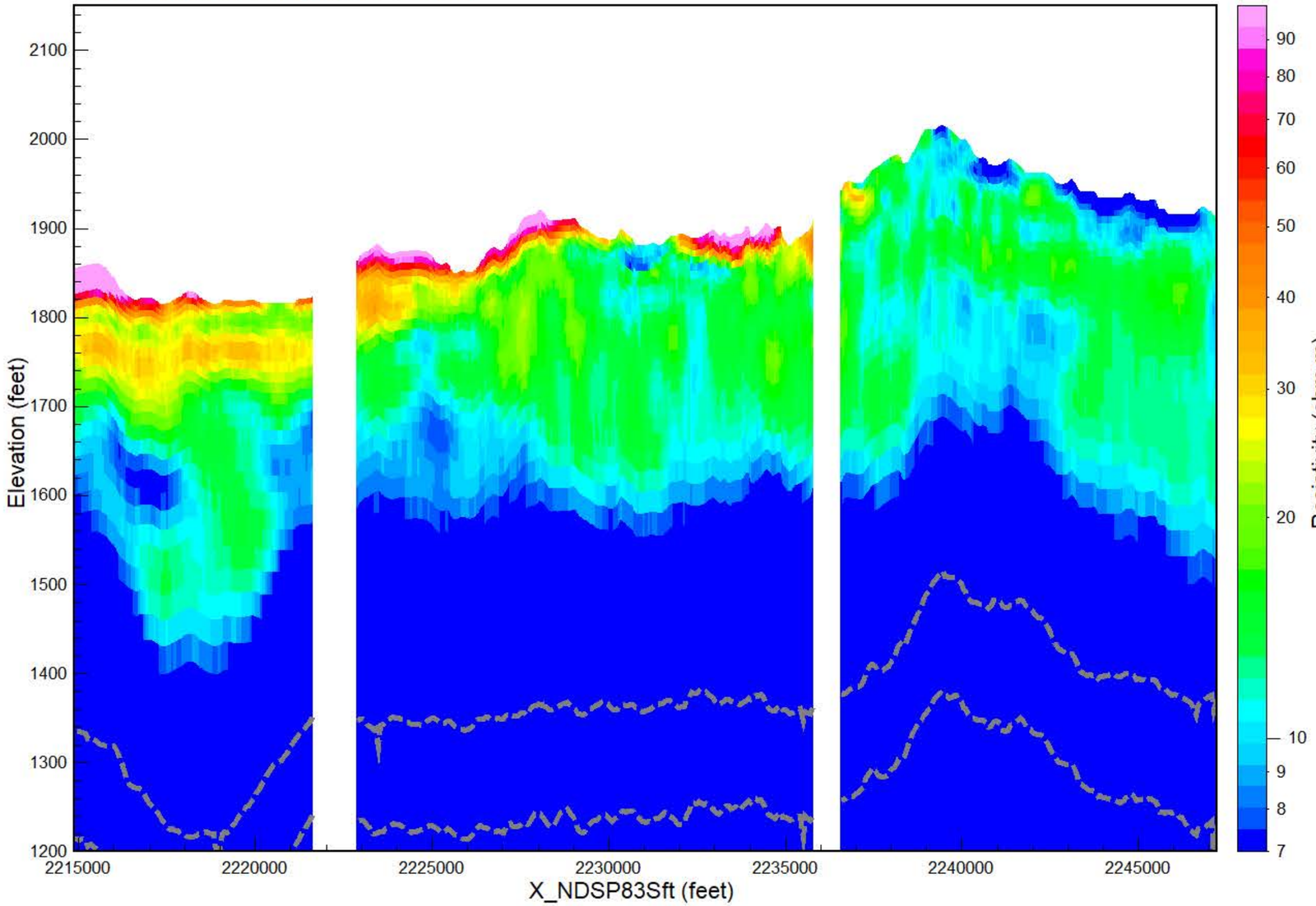
Flight Location Line L504401



AEM Survey Area 1



Final SCI Resistivity Line L504401



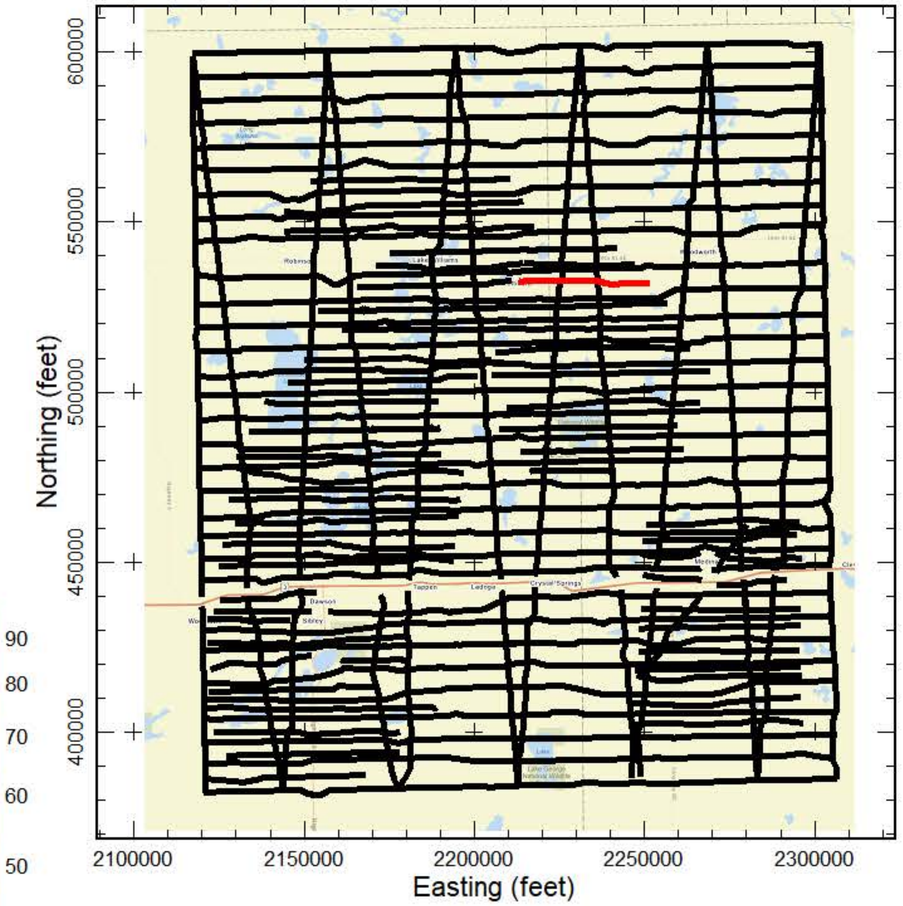
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

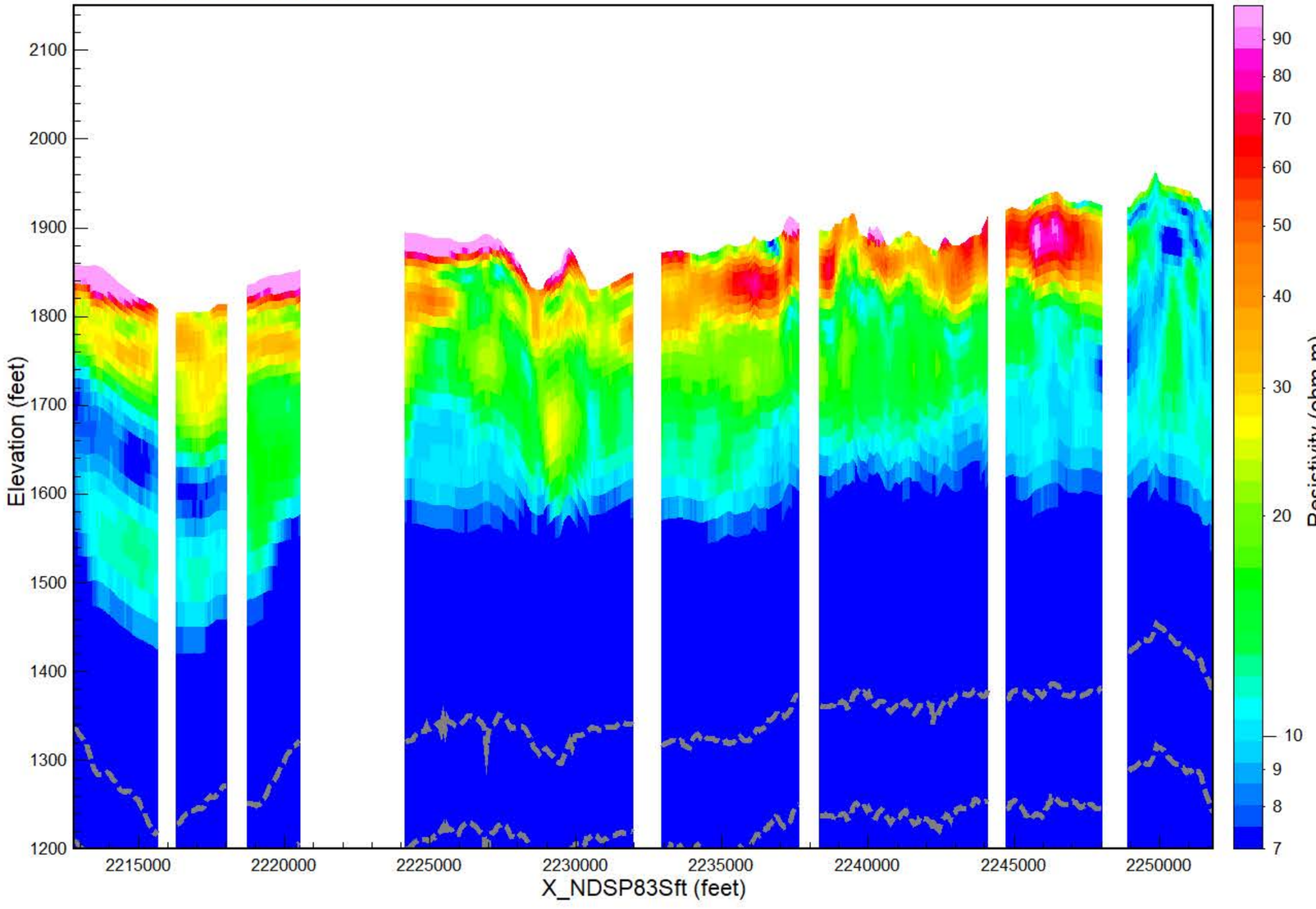
Flight Location Line L504501



AEM Survey Area 1



Final SCI Resistivity Line L504501



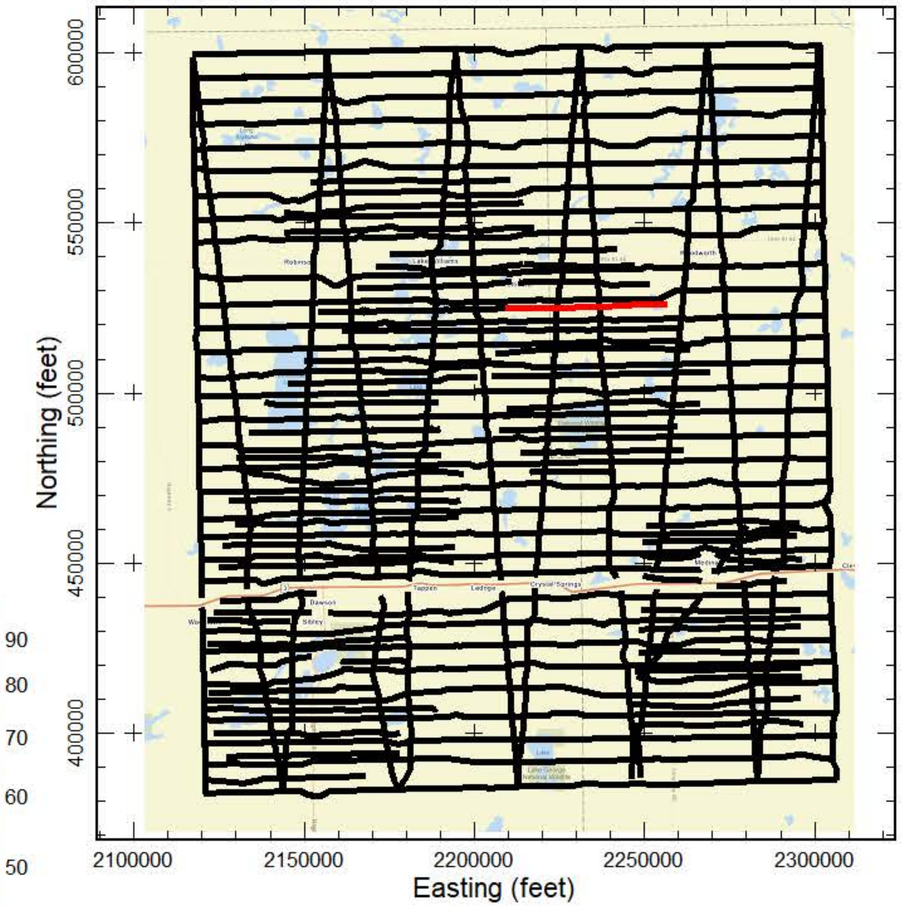
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

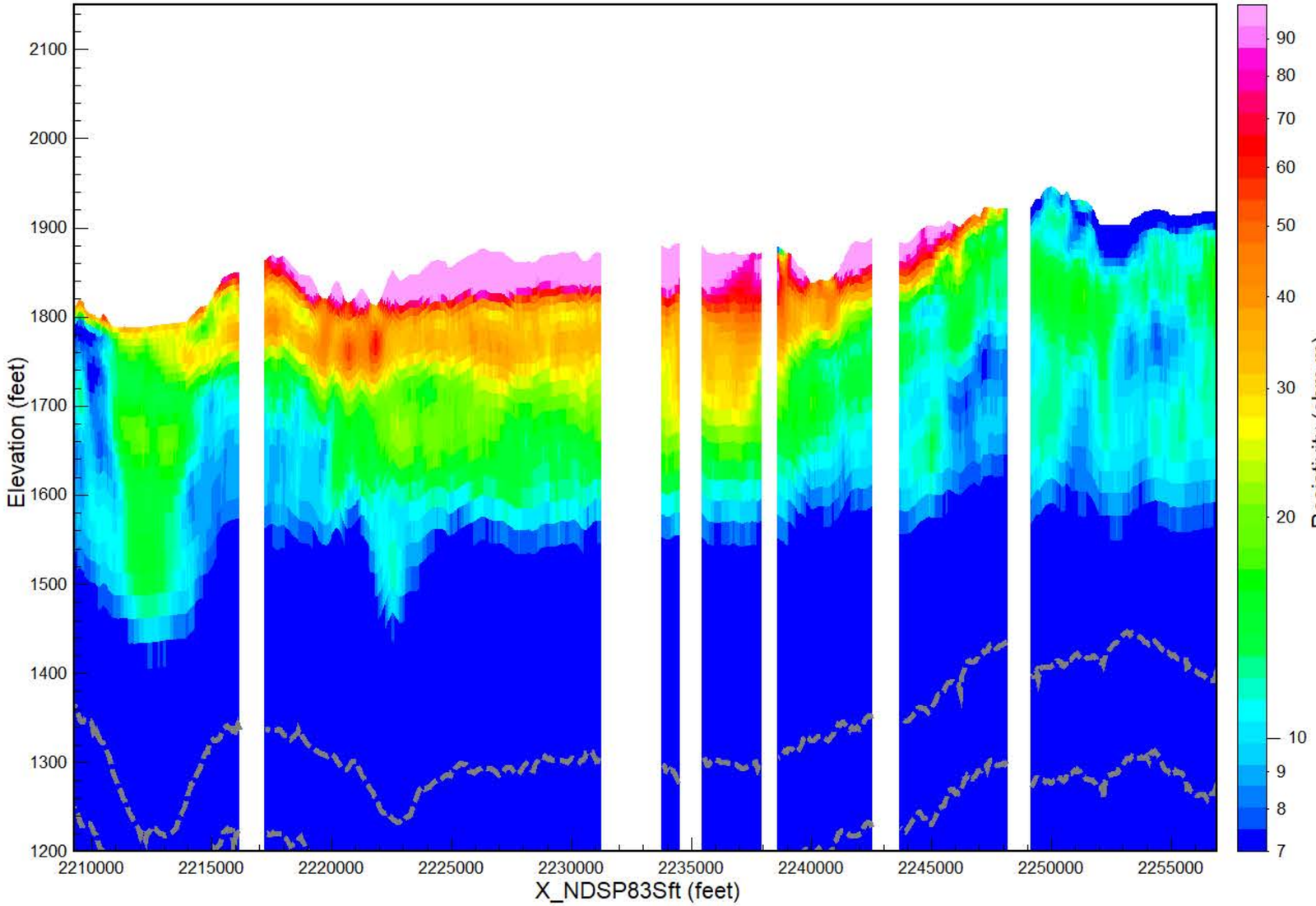
Flight Location Line L504601



AEM Survey Area 1



Final SCI Resistivity Line L504601



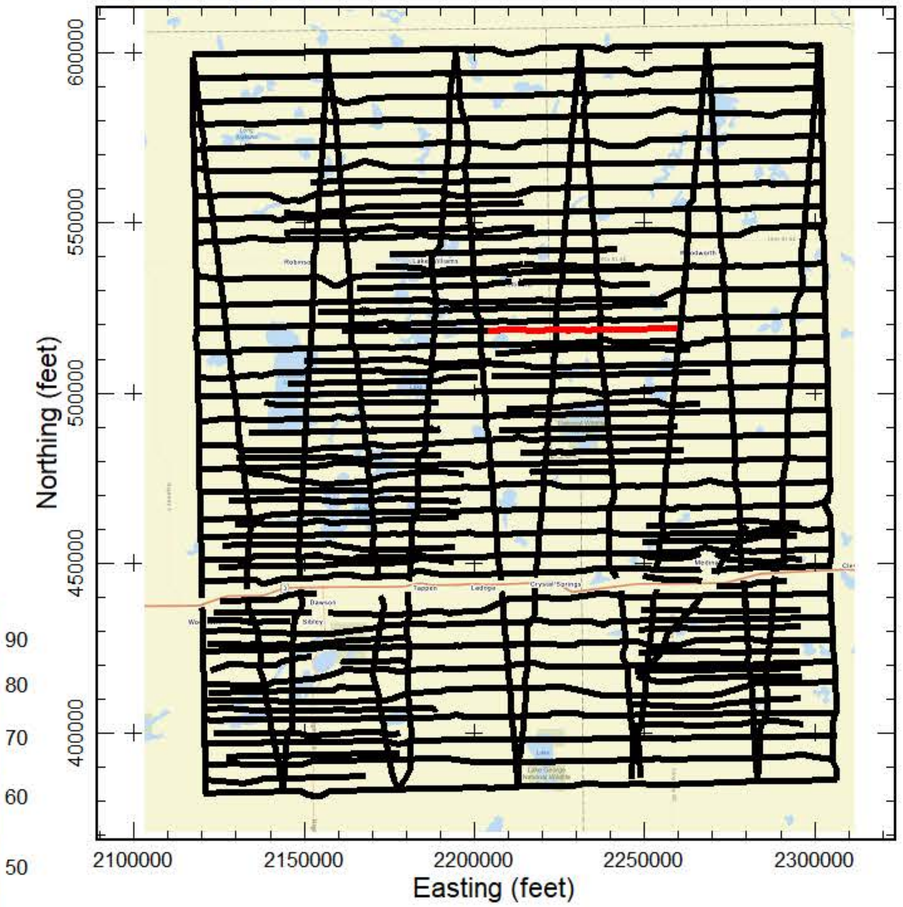
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

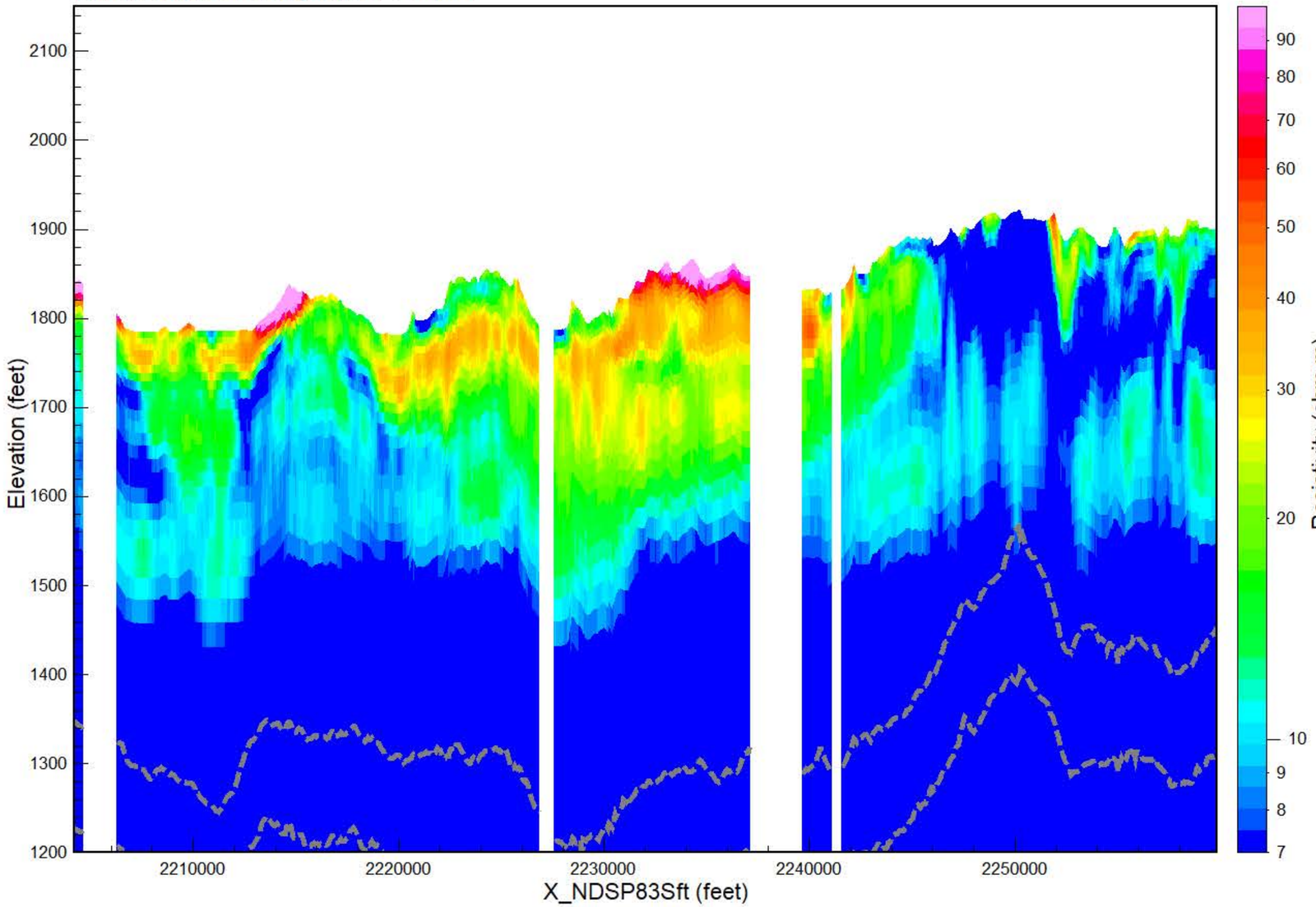
Flight Location Line L504701



AEM Survey Area 1



Final SCI Resistivity Line L504701



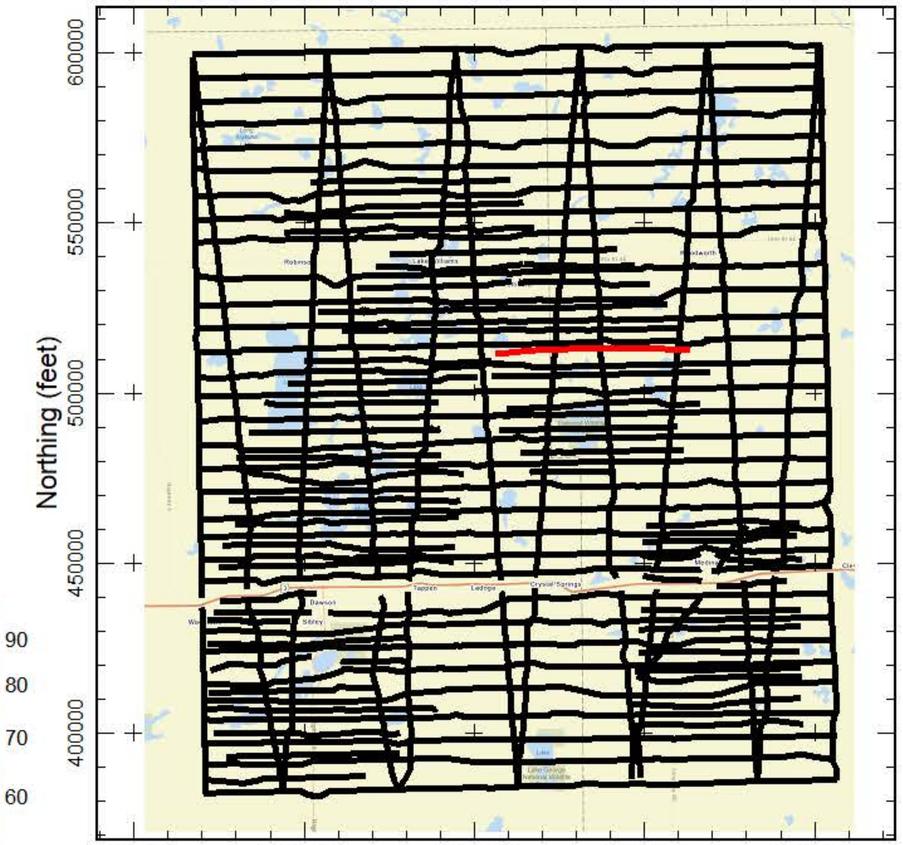
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

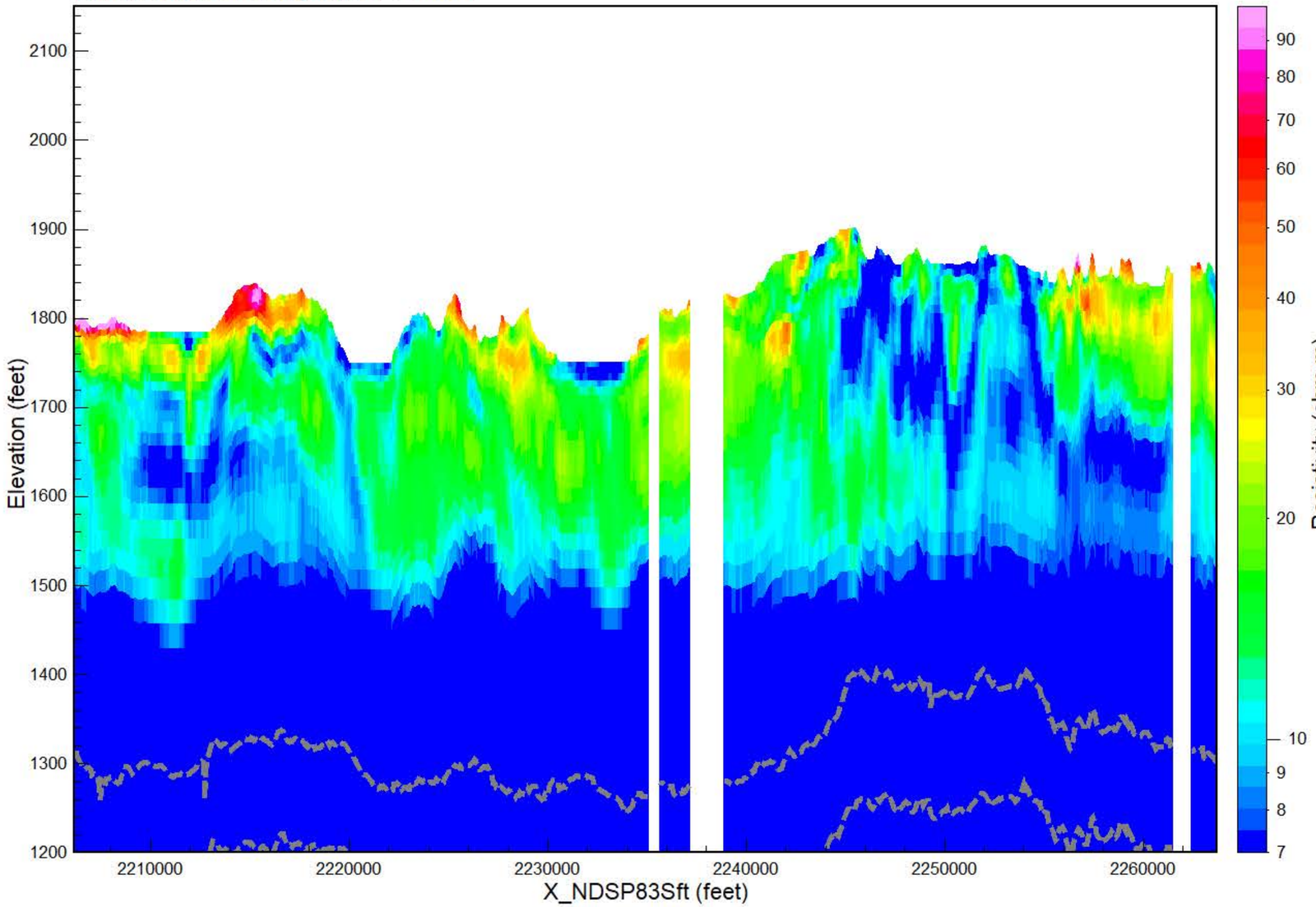
Flight Location Line L504801



AEM Survey Area 1



Final SCI Resistivity Line L504801



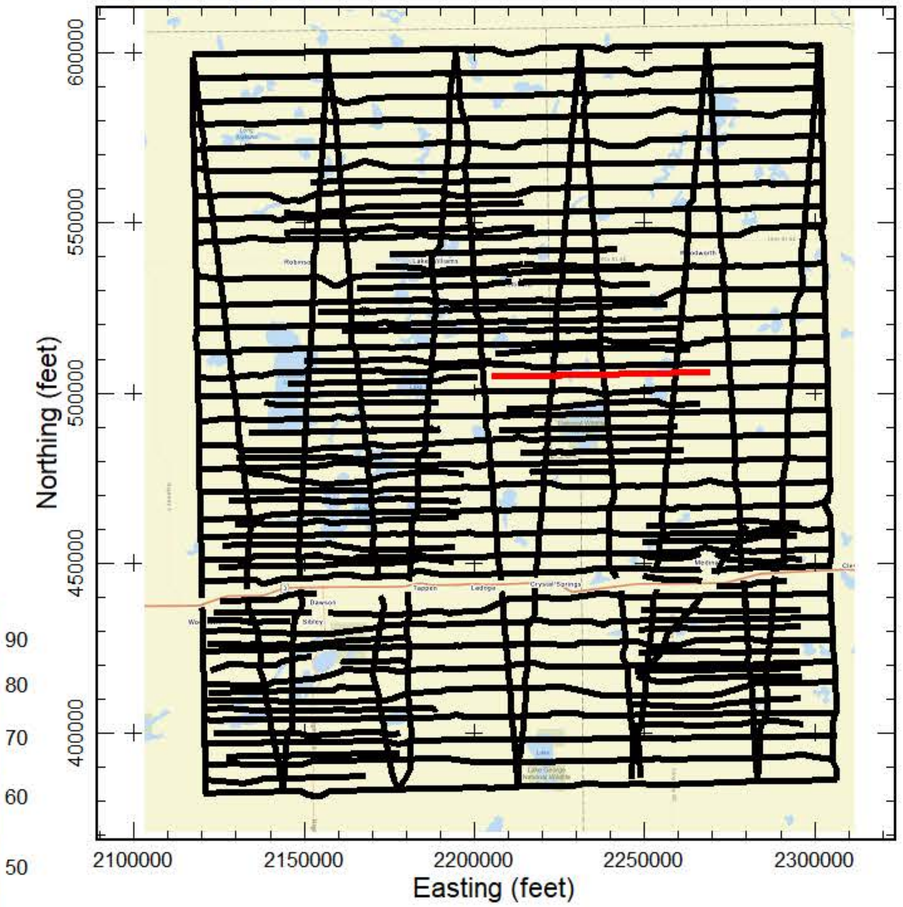
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

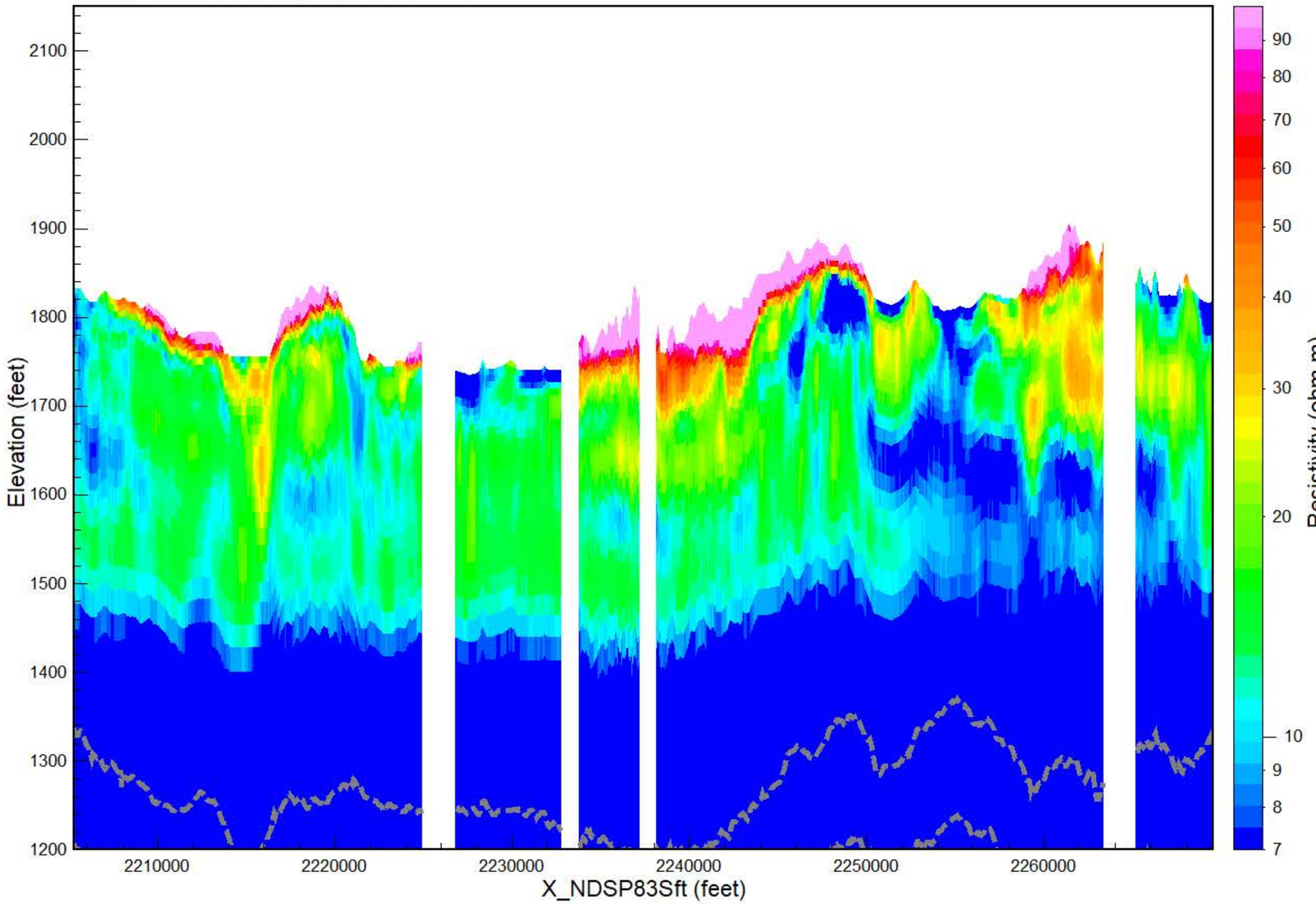
Flight Location Line L504901



AEM Survey Area 1



Final SCI Resistivity Line L504901



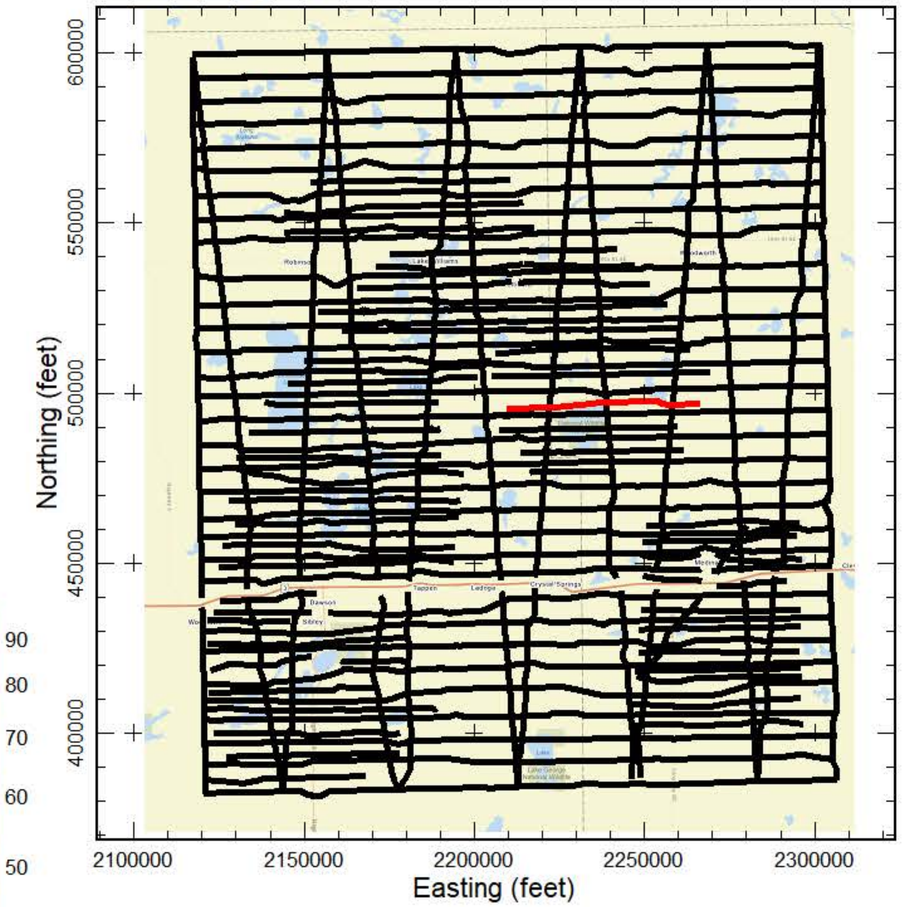
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

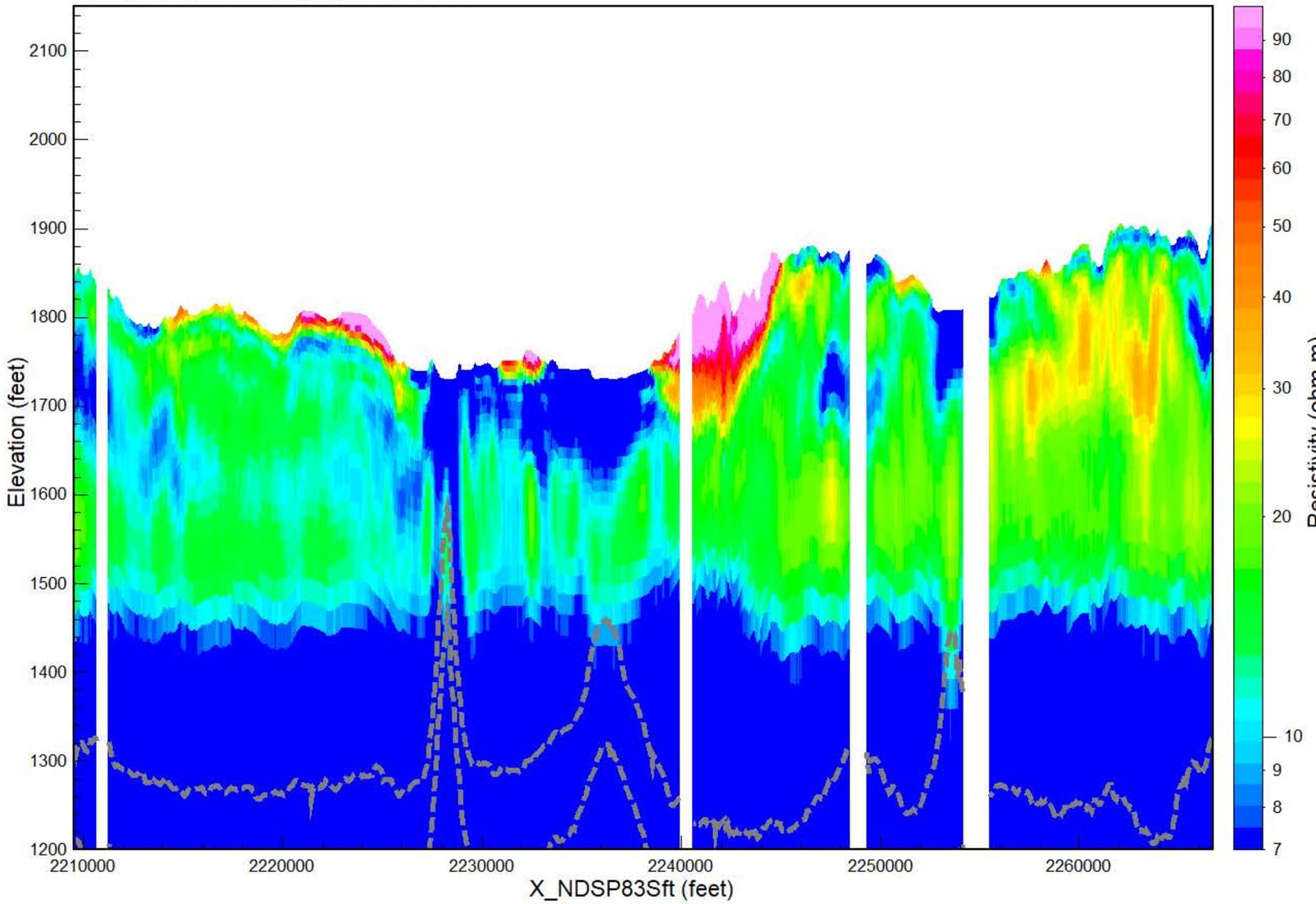
Flight Location Line L505001



AEM Survey Area 1



Final SCI Resistivity Line L505001



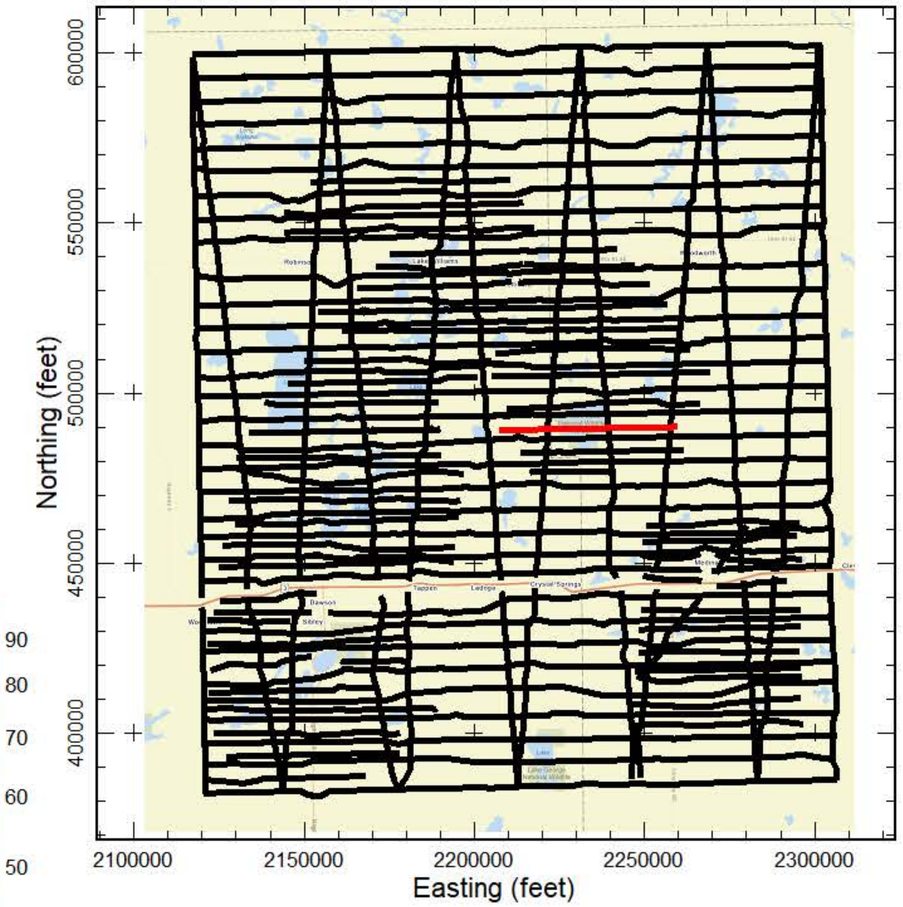
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

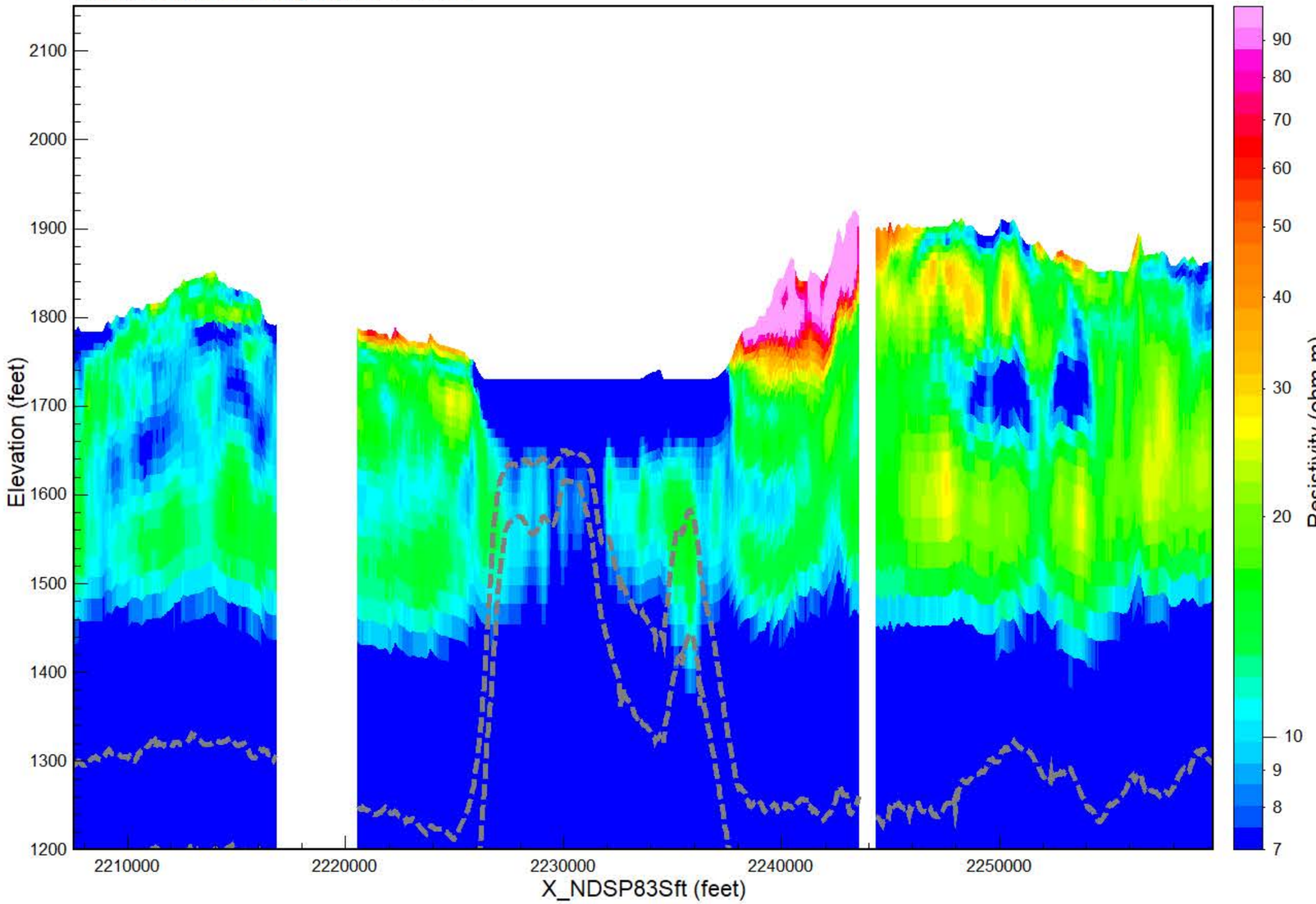
Flight Location Line L505101



AEM Survey Area 1



Final SCI Resistivity Line L505101



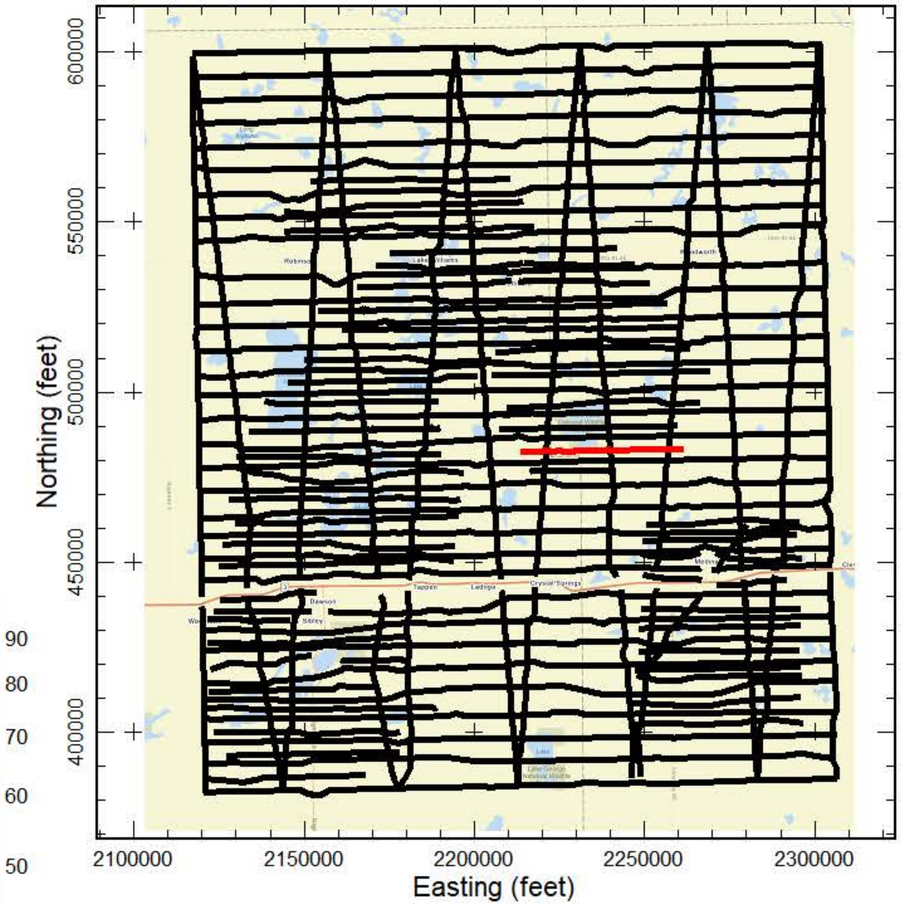
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

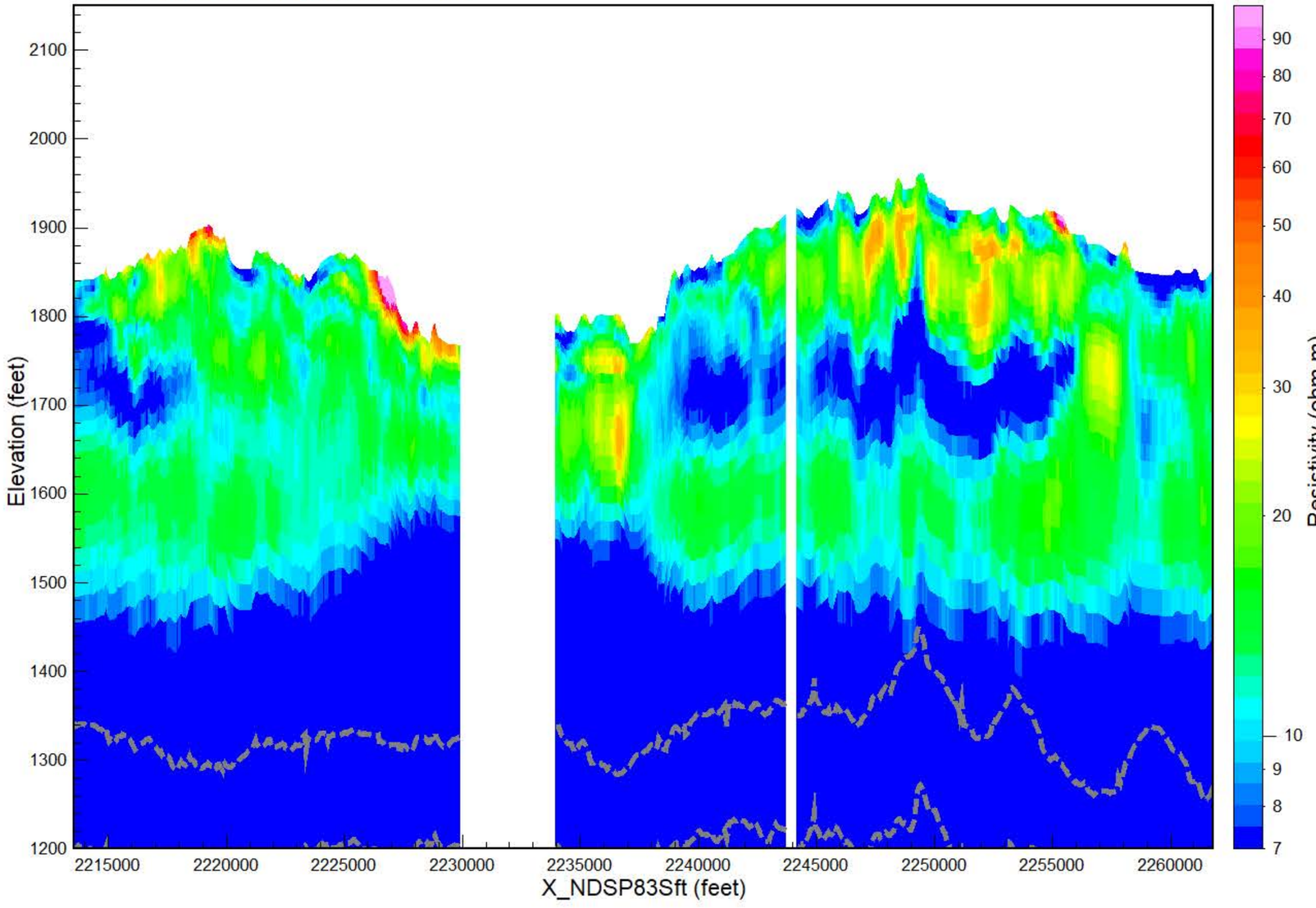
Flight Location Line L505201



AEM Survey Area 1



Final SCI Resistivity Line L505201



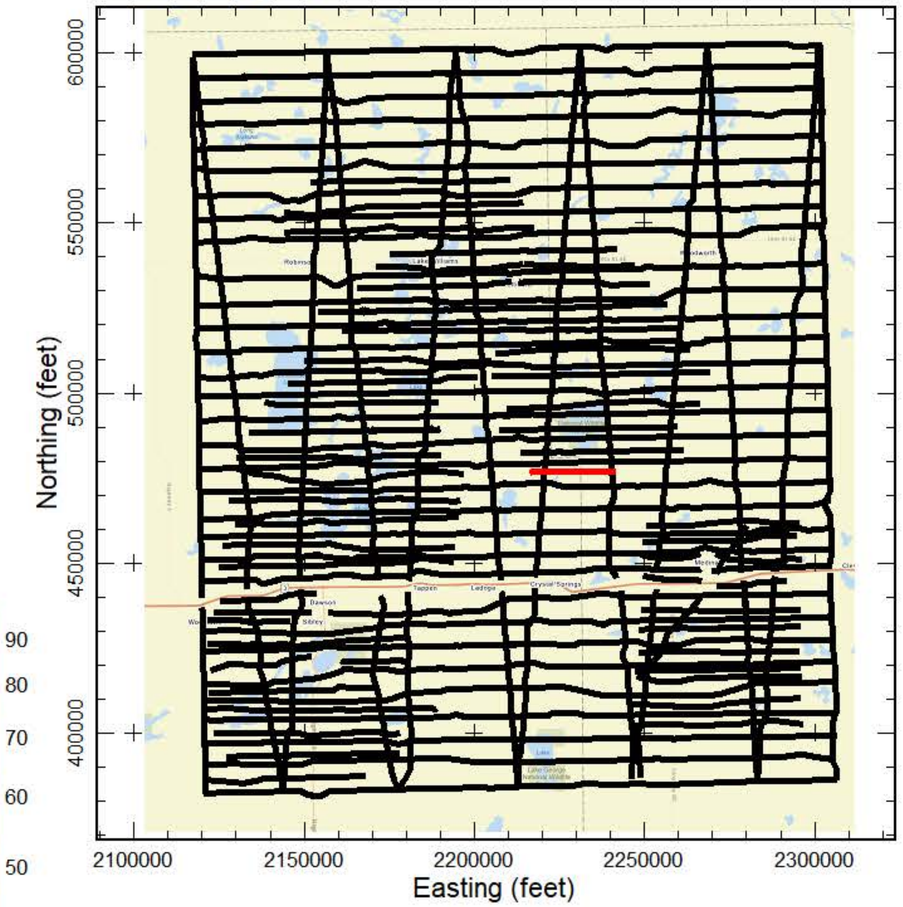
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks

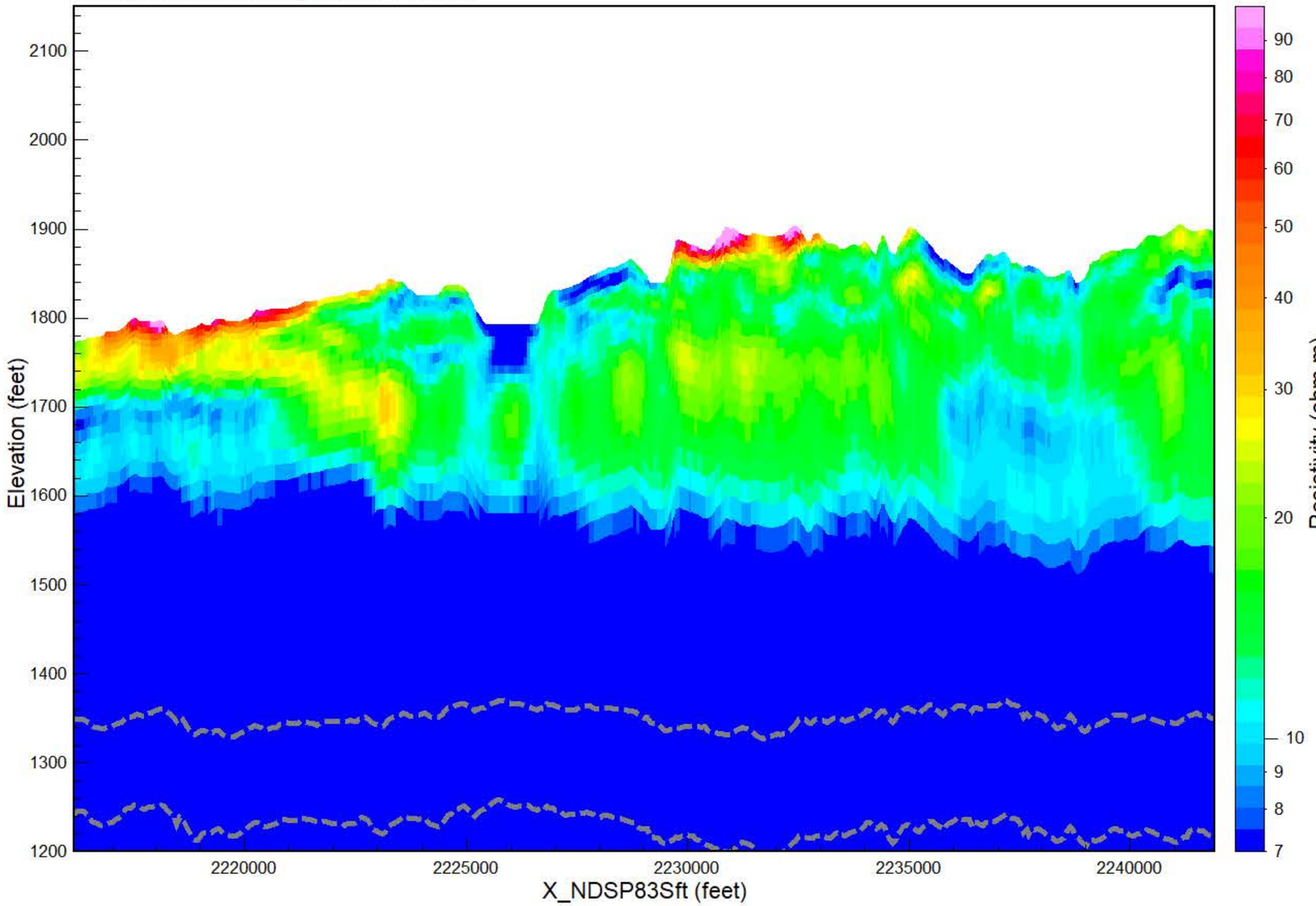
Flight Location Line L505301



AEM Survey Area 1



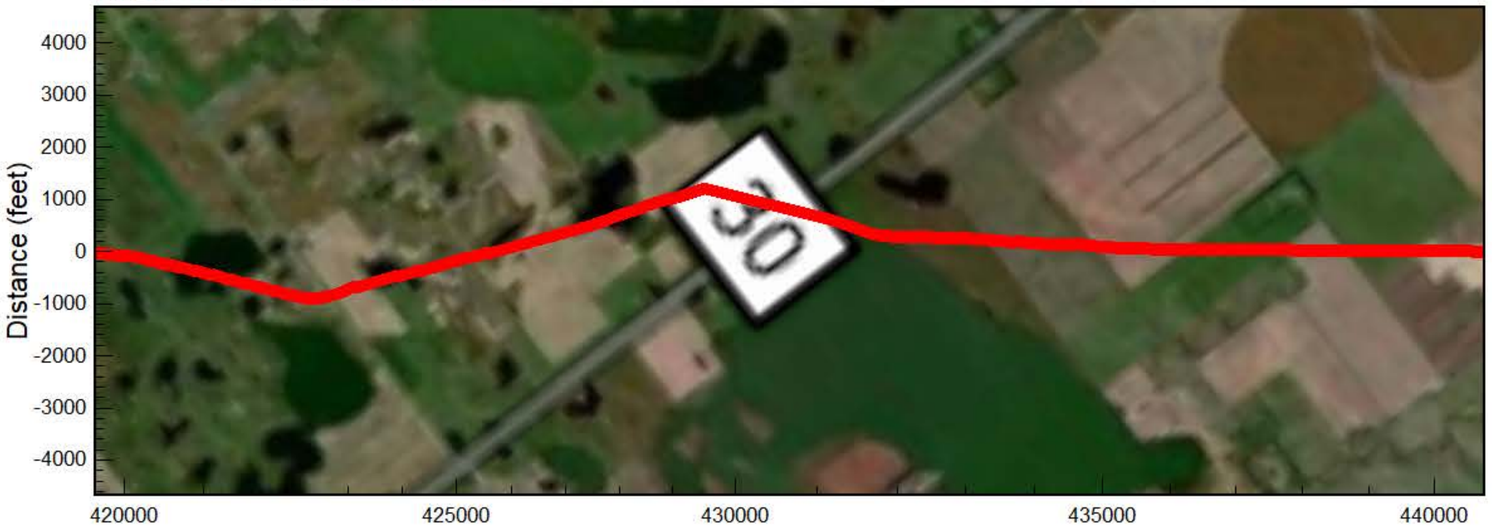
Final SCI Resistivity Line L505301



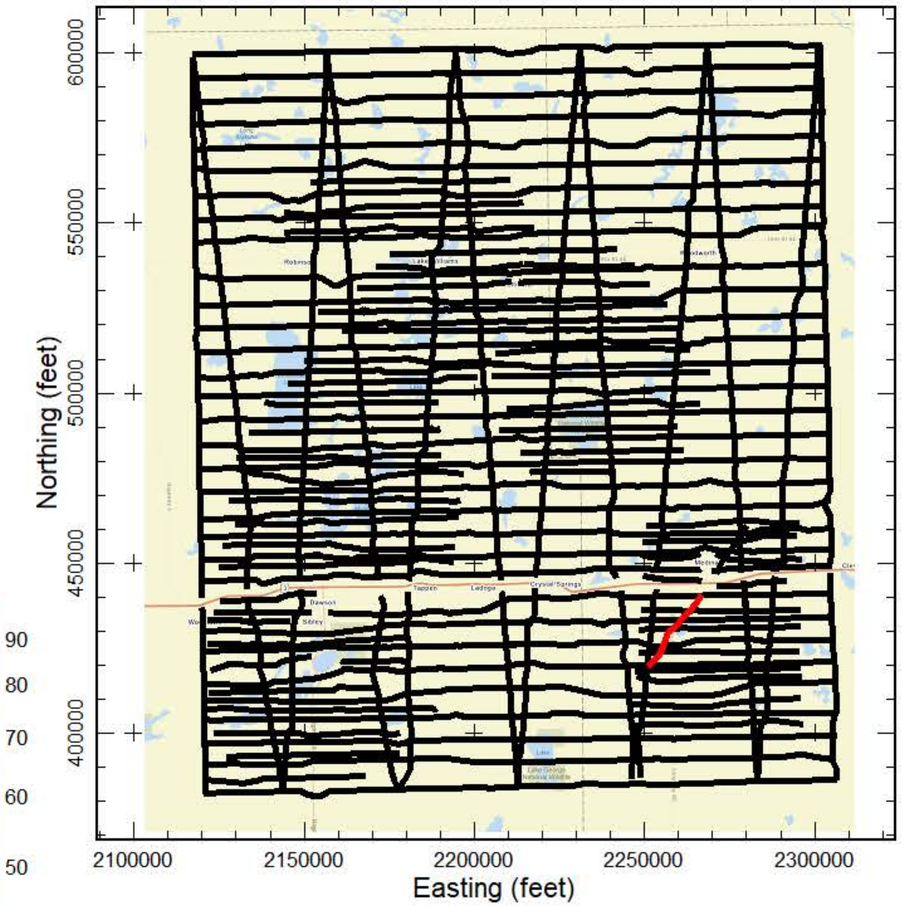
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

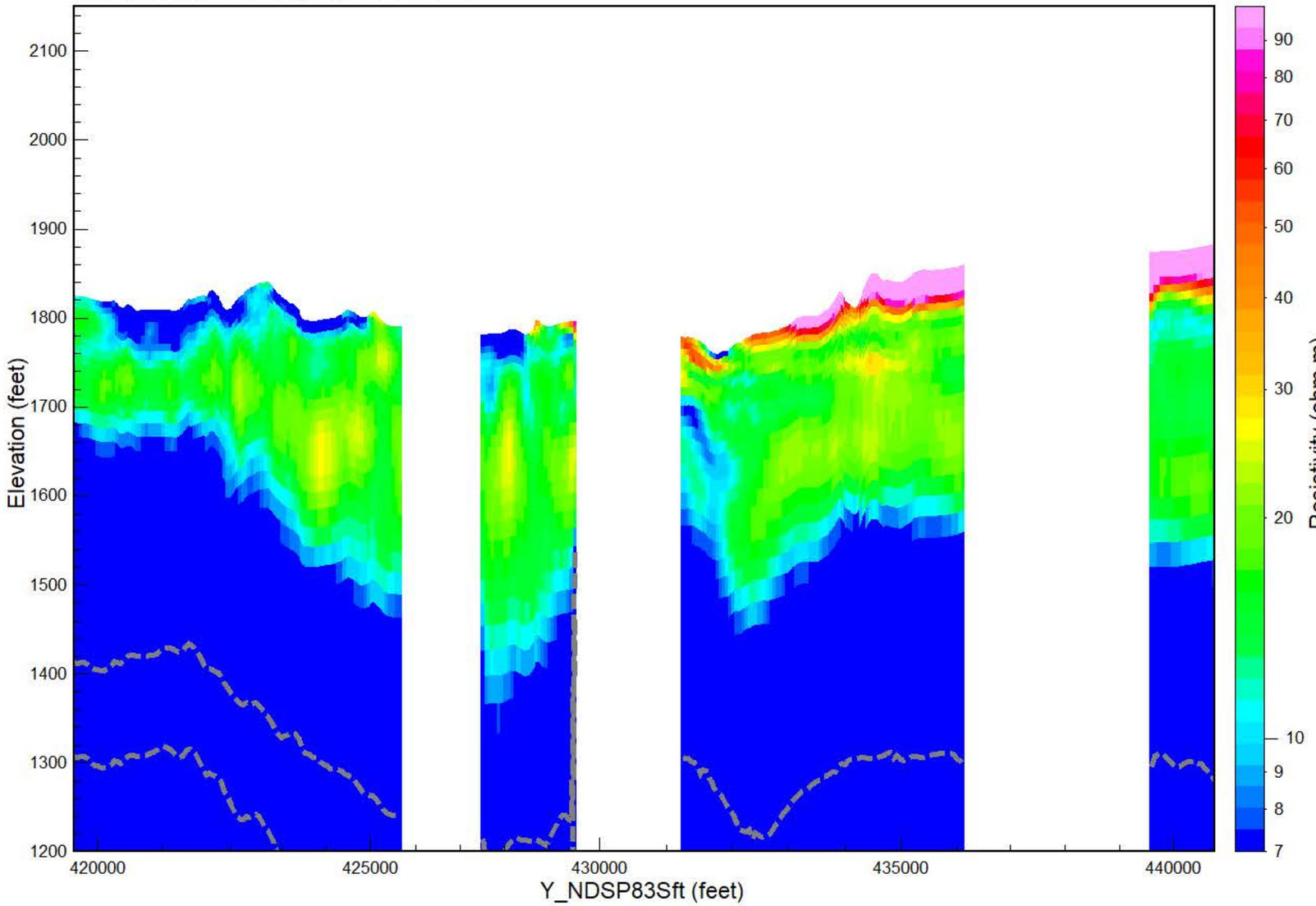
Flight Location Line L590011



AEM Survey Area 1



Final SCI Resistivity Line L590011



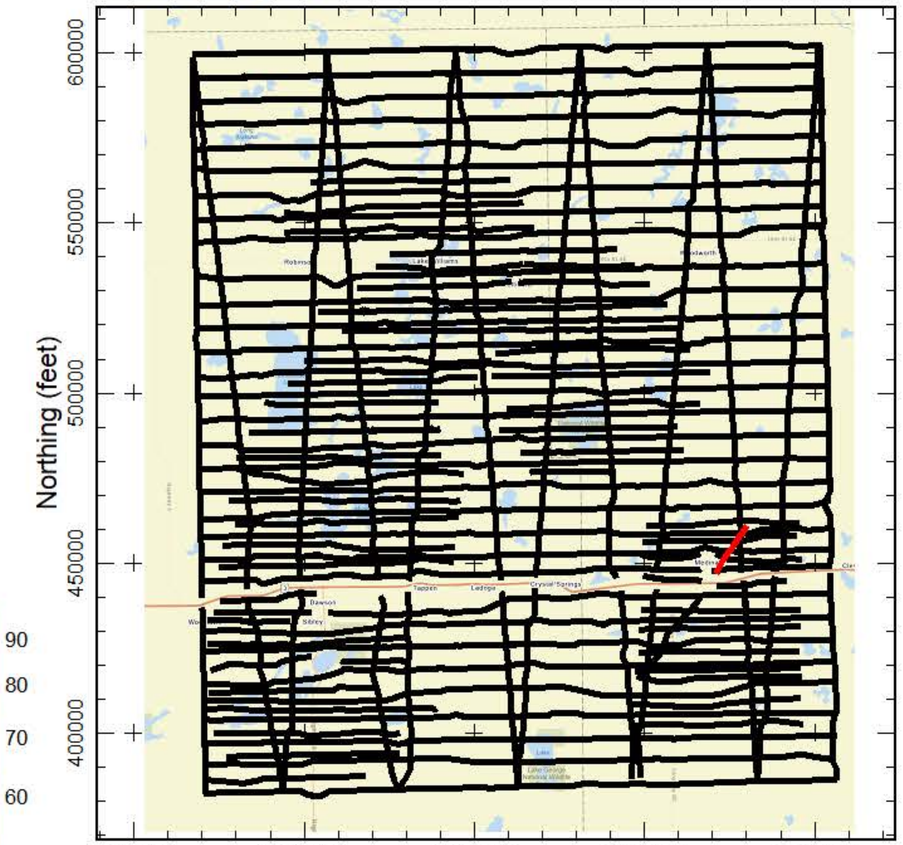
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

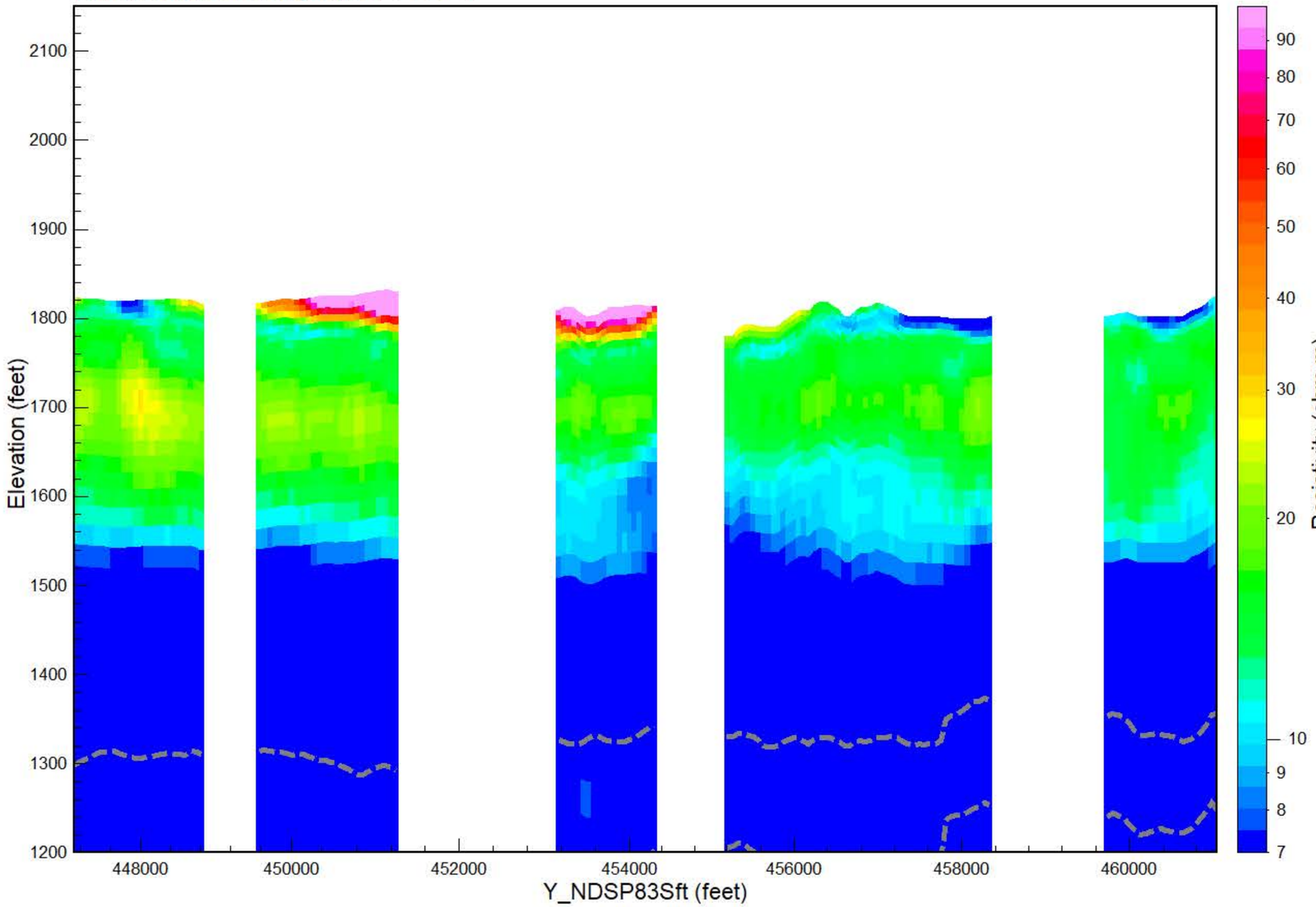
Flight Location Line L590021



AEM Survey Area 1



Final SCI Resistivity Line L590021



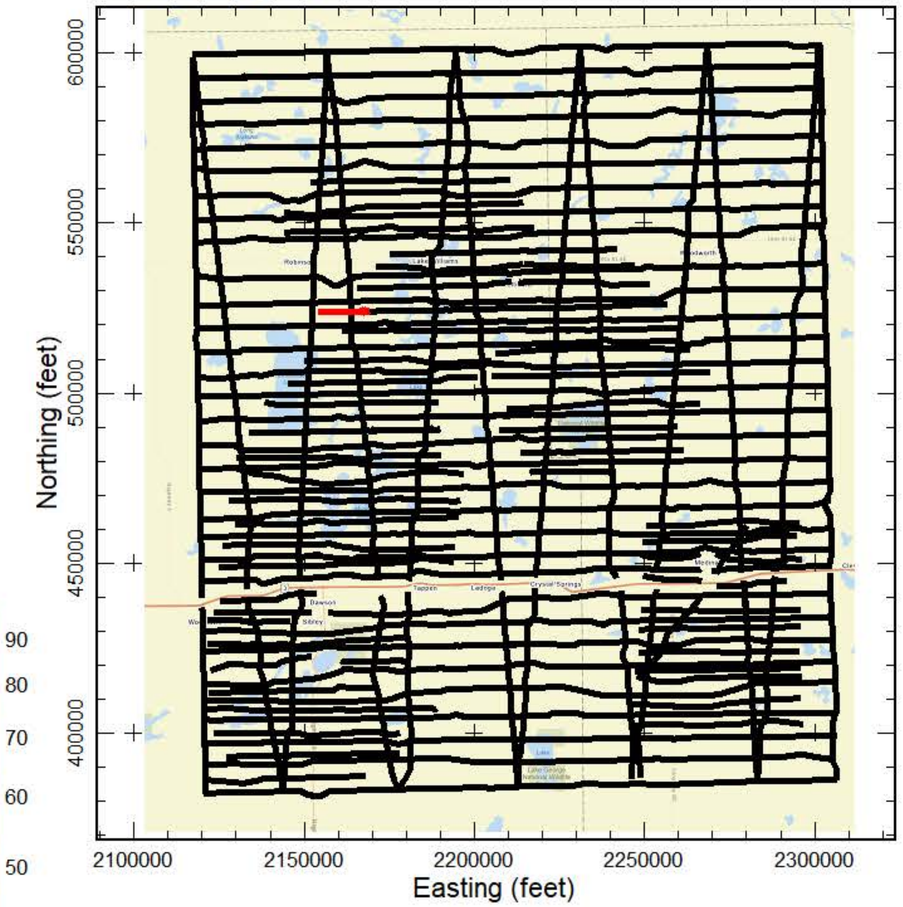
Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

AGF
Aqua Geo Frameworks

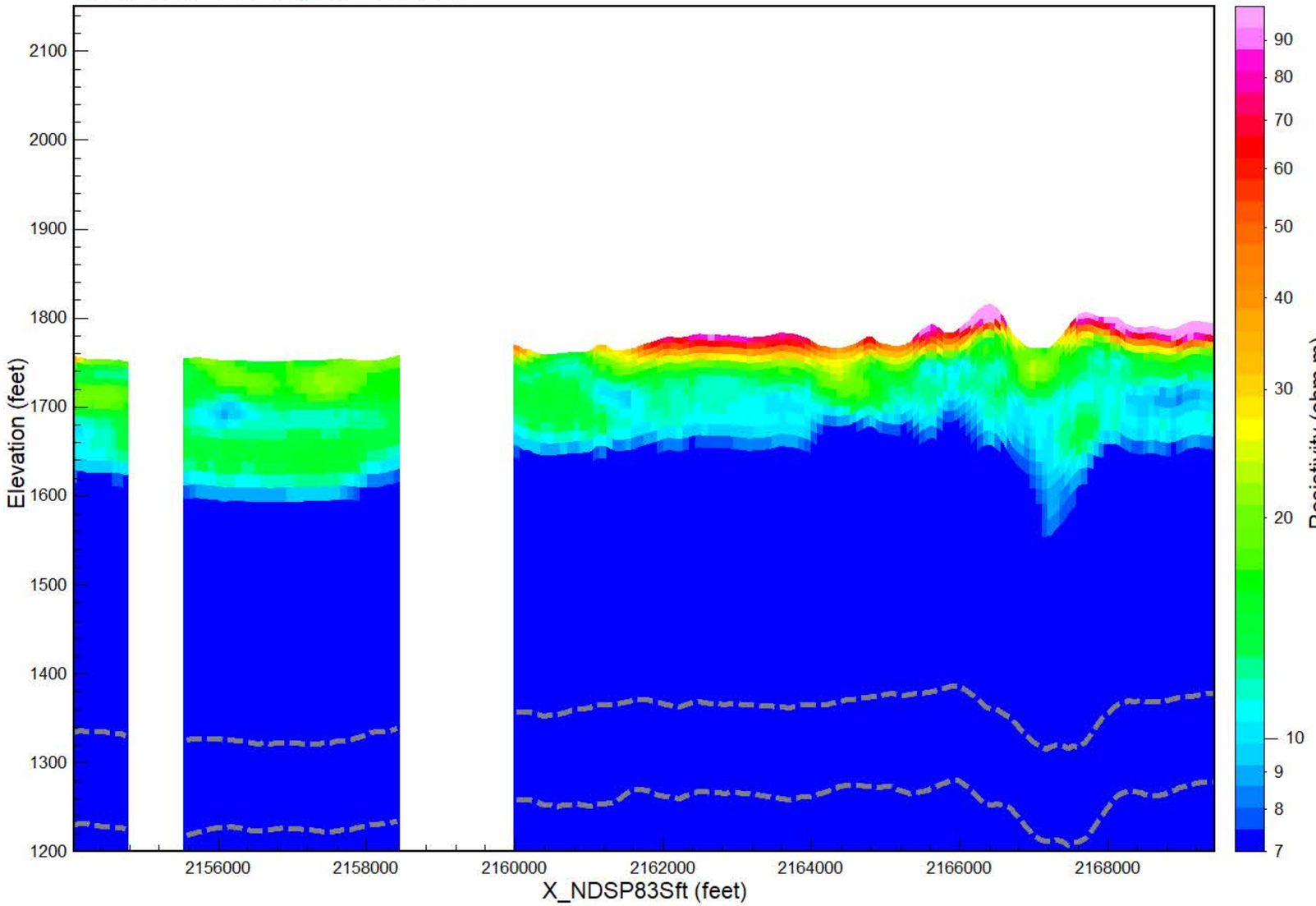
Flight Location Line L800010



AEM Survey Area 1



Final SCI Resistivity Line L800010



Final Spatially-Constrained Inversions (SCI) of Airborne Electromagnetic (AEM) data collected over Area 1 of the 2024 North Dakota Department of Water Resources (DWR) AEM Project. Data acquisition from July 17-July 25, 2024. The AEM Survey Area 1 map inset to the right indicates all the flight lines as black lines. The current line displayed in the profiles is indicated in red on the general map of the area. The Flight Location Map indicates the flight path on an Area Imagery Map. The Final SCI Resistivity profile shows the results of the inversion as electrical resistivity. Gaps in the resistivity profile are a result of editing areas of EM-coupling out of the data, noise removal, or of areas that were not over flown due to infrastructure. When visible the dashed gray lines indicate the depth of investigation (DOI). The project projection and vertical datum are NAD83 North Dakota South Zone State Plane (International feet) and NAVD88 (feet).

Aqua Geo Frameworks