

Middle Republican NRD 2023

General geographical area: [Middle Republican NRD](#)

Client Name: [Middle Republican NRD](#)

Year Survey Completed: [2023](#)

Institution oversaw survey planning, collection and data processing: [Aqua Geo Frameworks LLC](#)

Survey Type: [Recon lines](#)

Geophysical survey company / system: [SkyTEM](#)

Configuration: [SkyTEM304M](#)

Collection End Date: [6/18/2023](#)

Institution responsible for data processing and inversion: [Aqua Geo Frameworks LLC](#)

Geophysicists who performed inversion and interpretation: [Ted Asch, Jared Abraham](#)

Software version: [Aarhus Workbench 6.8.0.0](#)

Citation of Report: [AGF, 2023, Final Spatially-Constrained Inversions Report and Data Delivery From the 2023 Airborne Electromagnetic Survey of a portion of the Middle Republican Natural Resources District, Prepared for the Middle Republican Natural Resources District, September 29, 2023, by Aqua Geo Frameworks, LLC, Fort Laramie, WY.](#)

Total KM data acquired: [1637.0 km](#)

Total km of retained data: [1370.6 km](#)

Number of layers in model: [39](#)

Thickness of first layer: [2 m](#)

Factor by which thickness increases: [1.08](#)

Type of inversion result: [Resistivity depth](#)

Basic Inversion Scheme performed: [spatially constrained inversion \(SCI\)](#)

ESPG: [26822 and 32104](#)