Lower Elkhorn NRD Clarkson 2013

General geographical area: Clarkson, LENRD

Client Name: LENRD

Year Survey Completed: 2013

Institution oversaw survey planning, collection and data processing: XRI

Survey Type: Block data

Geophysical survey company / system: SkyTEM

Configuration: SkyTEM 304

Collection End Date: Aug 11, 2013

Institution responsible for data processing and inversion: Exploration Resources International

Geophysicists who performed inversion and interpretation: Rachel Woolf, Ted Asch, Jared Abraham

Software version: Aarhus Workbench 4.1.1.765

Citation of Report: XRI, 2013, Data Report on Mapping the Hydrogeology of the Clarkson Area within the Lower Elkhorn Natural Resources District Using an Airborne Electromagnetic Survey, Prepared for Lower Elkhorn Natural Resources District, Dec 30, 2013, by Exploration Resources International, http://enwra.org/media/Lower_Elkhorn_Clarkson_FINAL.2014.pdf (accessed November 27, 2019)

Total KM data acquired: 371.876

Total km of retained data: 370.856

Number of layers in model: 18

Thickness of first layer: 16.4 ft

Factor by which thickness increases: 1.12 to 1.14

Type of inversion result: Resistivity depth

Basic Inversion Scheme performed: spatially constrained inversion (SCI)

ESPG: 26822 and 32104