Lower Elkhorn NRD Madison 2013

General geographical area: City of Madison, LENRD

Client Name: City of Madison, Nebraska

Year Survey Completed: 2013

Institution oversaw survey planning, collection and data processing: XRI

Survey Type: Block data

Geophysical survey company / system: SkyTEM

Configuration: SkyTEM304

Collection End Date: 8/12/2013

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 near the City of Madison, Nebraska Using an Airborne Electromagnetic Survey, Prepared for City of Madison, Nebraska, Jan, 27, 2014, by Exploration Resources International

Total KM data acquired: 97.937

Total km of retained data: 97.520

Number of layers in model: 18

Thickness of first layer: 16.4 ft

Factor by which thickness increases: 1.13

Modifications or processing performed following delivery: None

Type of inversion result: Resistivity depth

Basic Inversion Scheme performed: spatially constrained inversion (SCI)

ESPG: 26822 and 32104