Lower Platte South NRD 2013

General geographical area: LPSNRD

Client Name: LPSNRD

Year Survey Completed: 2013

Institution oversaw survey planning, collection and data processing: XRI

Survey Type: SkyTEM

Geophysical survey company / system: SkyTEM

Configuration: SkyTEM304

Collection End Date: 8/23/2013

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 4.1.1.768

Citation of Report: XRI, 2013, Hydrogeologic Assessment and Framework Development of the Aquifers beneath the Brainard-Valparaiso Area of the Lower Platte South Natural Resources District in Eastern Nebraska, Prepared for the Lower Platte South Natural Resources Distrtict, Nebraska, December 31, 2014, by Exploration Resources International

Total KM data acquired: 1331

Total km of retained data:

Number of layers in model: 29

Thickness of first layer: 16.4 ft

Factor by which thickness increases: 1.03 to 1.05

Type of inversion result: Resistivity depth

Basic Inversion Scheme performed: spatially constrained inversion (SCI)

ESPG: 26822 and 32104