Mapping Gold Deposits with Induced Polarization Surveys, Yukon, Canada

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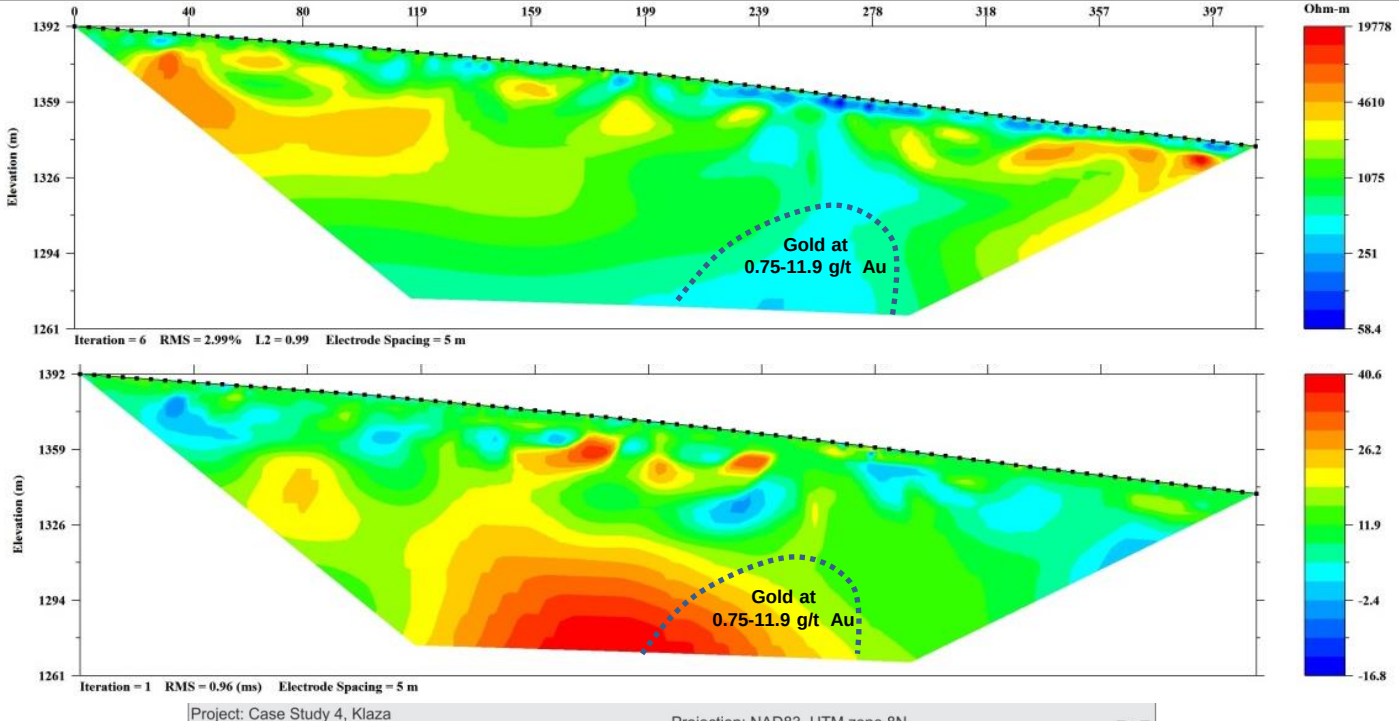
Site: Rockhaven Resources Ltd. Klaza property in Yukon Territory, Canada

Instrument and method: SuperStingR8 with AGI 84 electrode passive electrical imaging cable, 5 meter electrode spacing, inverse schlumberger array, boost mode(200W output), Reverse Circulation (RC) Drillholes, Modeled with EarthImager 2D.

Results: SuperStingR8 induced polarization data were successfully used to locate and map economically important gold deposits in high resolution with relatively low transmitter power. A strong correlation is found between high chargeability and mineralized zones. Details of the borehole data with gold content (Au gram/ton) are shown as pink bar graphs overlain on the EarthImager2D chargeability model.



Deploying 84 electrodes in sections of 14 requires no tree cutting for minimal impact during exploration

Mapping Gold Deposits with Induced Polarization Surveys, Yukon, Canada (continued…)

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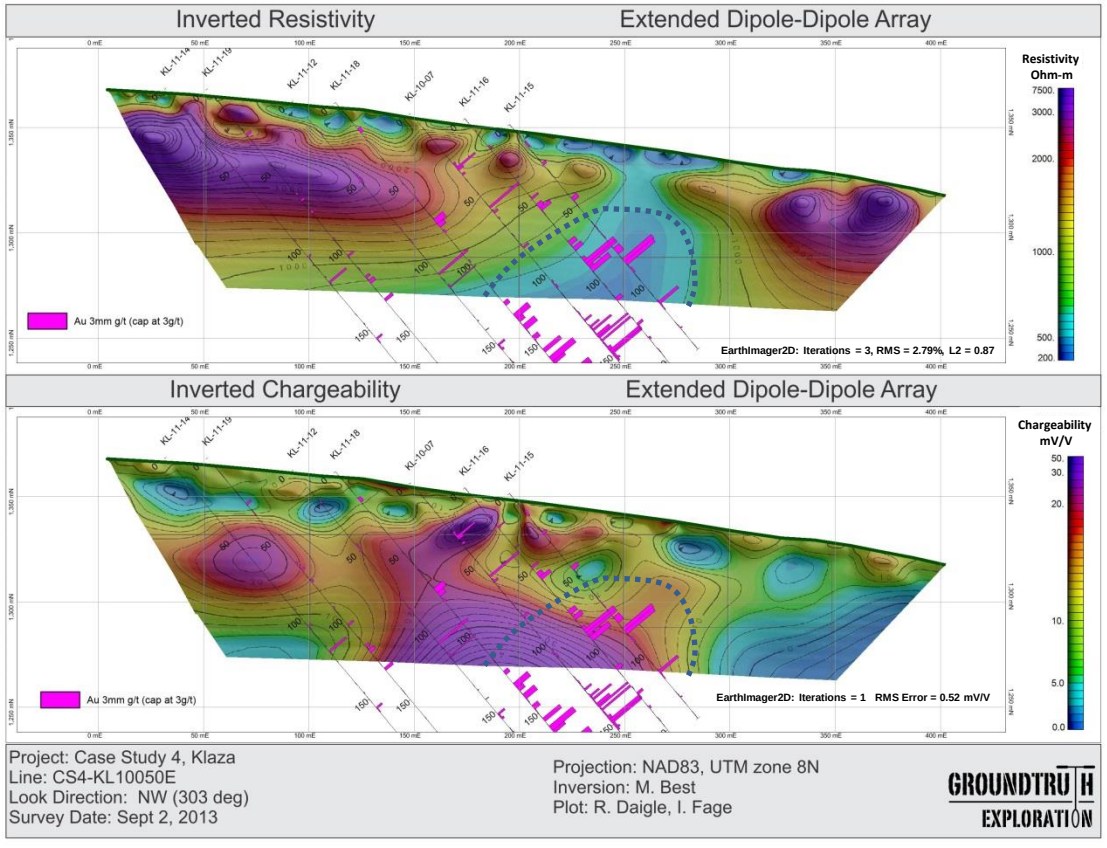
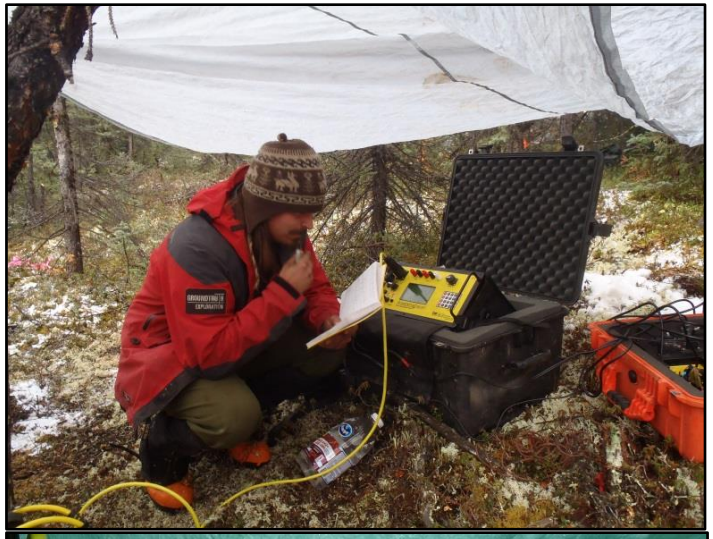
Results(continued…)

Borehole data show that near surface structure imaged in detailed continue at depth where a PowerSting system could be used to explore deeper.

Resistivity and Chargeability Models with Borehole Gold Concentrations





Reference:

Open File Report, 2014 (in review), Yukon Geological Survey