

GEO-TECHNICAL SITE INVESTIGATION

Mapping Gold Deposits with Induced Polarization in the Yukon

CASE HISTORY

Objective: To map gold deposits in the Yukon territory.

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

Instruments Used: SuperSting™ R8/IP/SP, AGI SwitchBox™ 84, 84 electrodes at 5 meter spacing, using a combination of Dipole-Dipole and Inverse Schlumberger arrays.

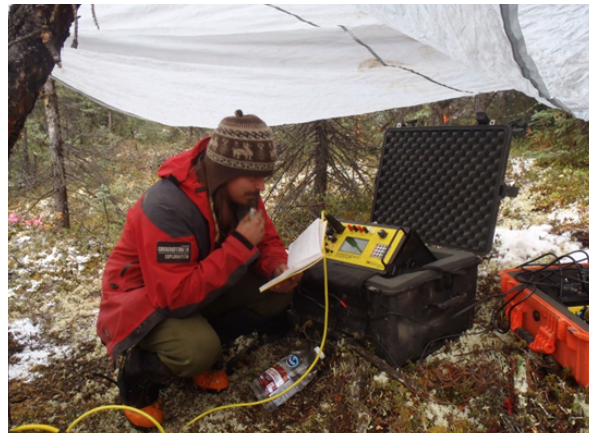
Software Used: EarthImager 2D™

BACKGROUND:

Our client, Ground Truth Exploration, Inc., used AGI instruments and software to prove that gold deposits exist in areas of the Yukon Territory in Canada. The company had already ground truthed the gold deposit, but they wanted to prove that they could map any gold deposit locations in the Yukon frontier, and they used our tools to show how it could be done.

PROCESS:

The client used the SuperSting™ R8 and set out a line of 84 electrodes spaced five meters apart to measure resistivity and induced polarization (IP) using a combination of inverse Schlumberger and Dipole-Dipole electrode arrays.

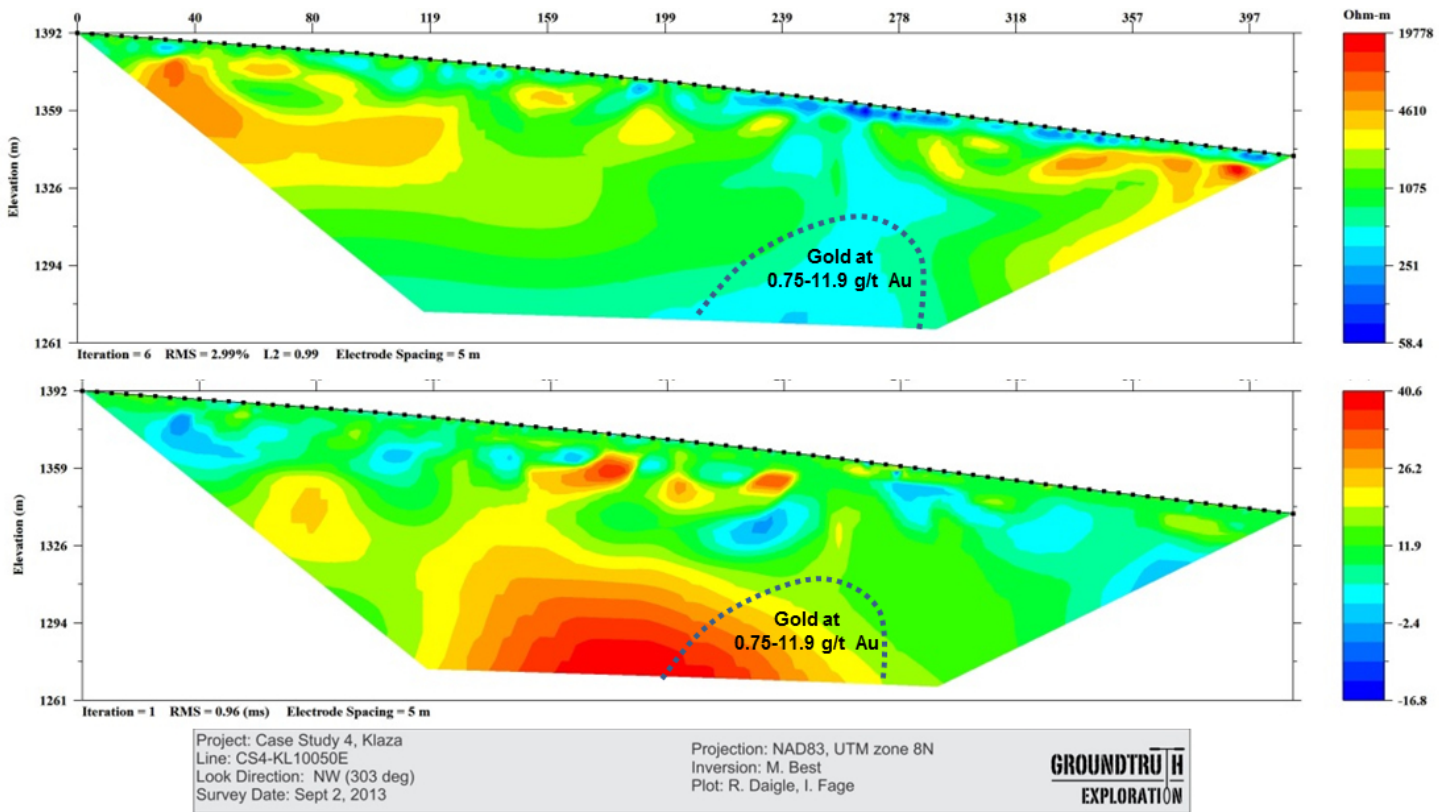


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RESULTS:



SuperSting™ R8 induced polarization data processed with EarthImager™ software was successfully used to locate economically important gold deposits in high resolution with relatively low transmitter power.

(Results continued on next page)

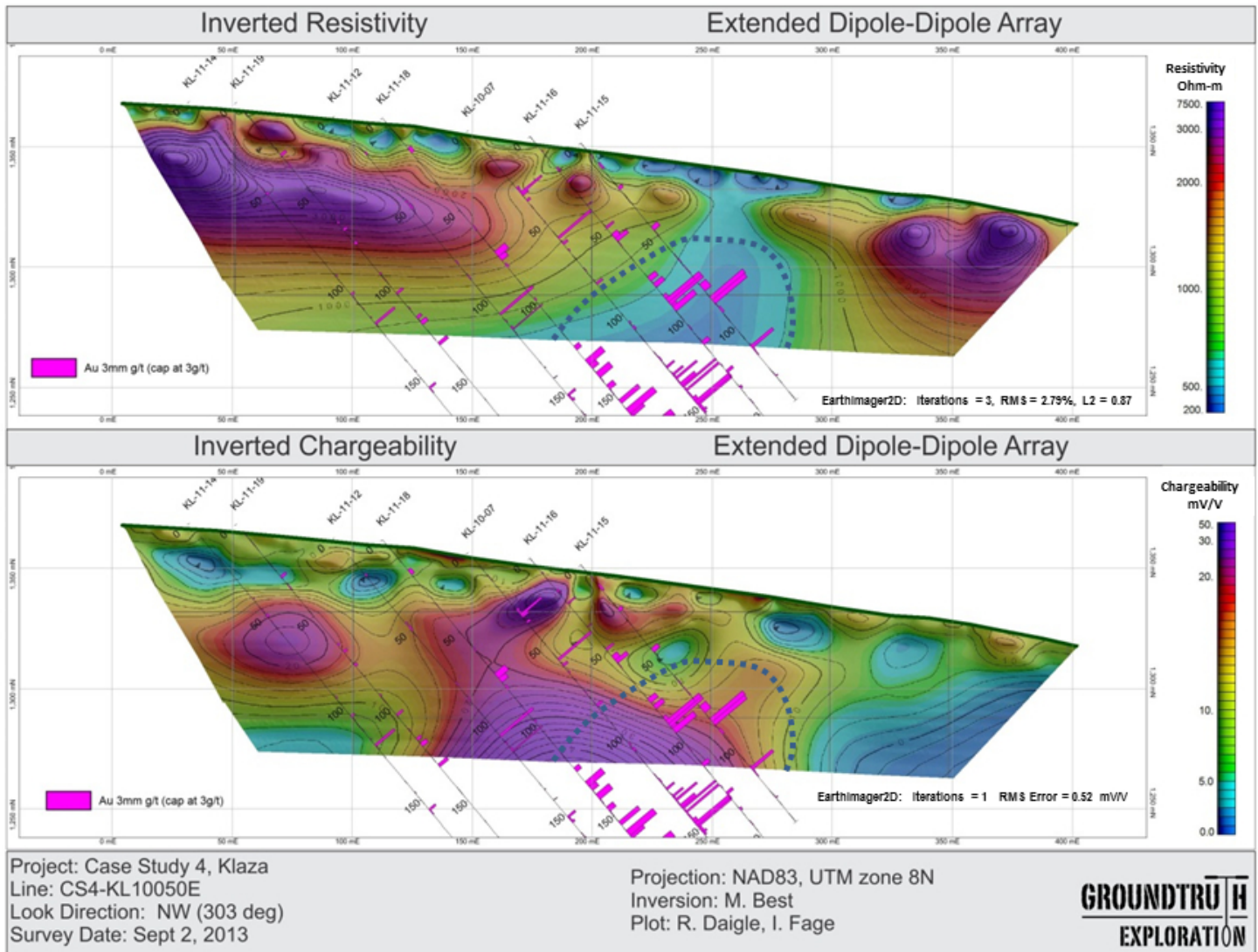
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RESULTS (CONT'D):

A strong correlation was found between resistivity/chargeability features and mineralized zones (where gold deposits are located). The client was able to prove what they ground truthed—that gold deposits existed where they anticipated.



CONTACT US TO LEARN MORE:

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