

## 2D and 3D Gold Exploration in Burkina Faso

The Salma premise is located in western Burkina Faso within the Boromo Birimian greenstone belt which trends NS . Supracrustal rocks of the district are composed of mafic to intermediate calc-alkaline volcanic series including voluminous basalt and andesite with pyroclastic flows and tuff. In detail, this permit occurs in the Batié volcano-sedimentary unit which occupies the central part of the Boromo belt. The Batié volcano-sedimentary assemblage is composed of flysch-like metasediments, tuffs and epiclastic volcano-sediments with occasional intercalations of andesite (Baratoux et al., 2011).



**Objective:** Gold Exploration .

**Survey site:** Westernear Burkina Faso, May 2014

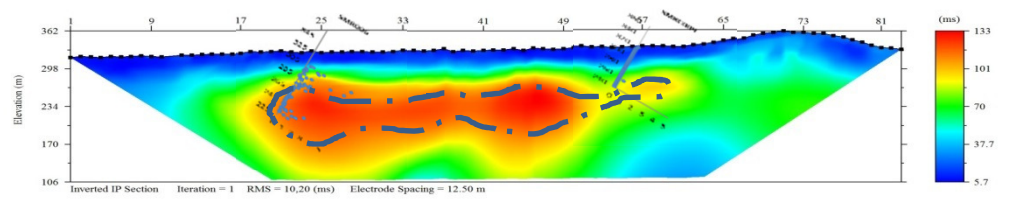
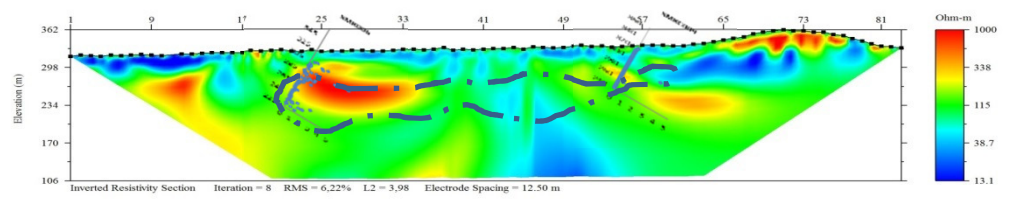
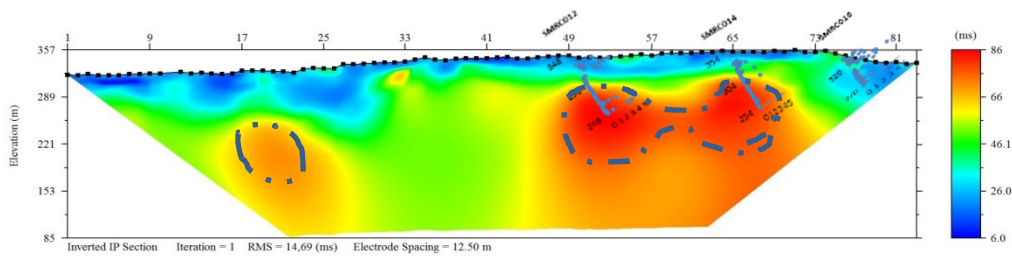
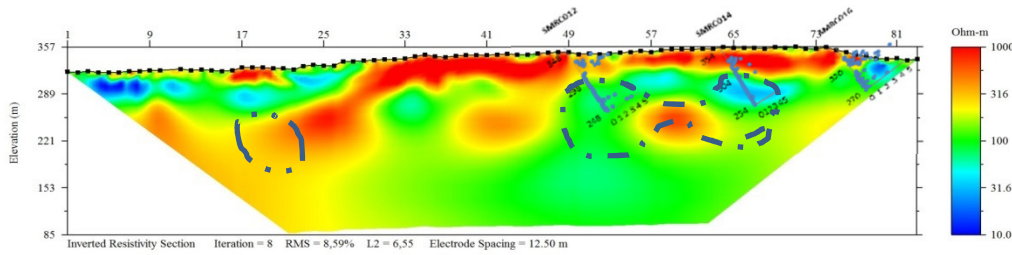
**Instrument:** SuperSting R8/IP /SP/Wi-Fi with 84 passive electrodes at 12,5 m electrode spacing and 50m line spacing with total 21x2D lines using dipole-dipole array.

**Software:** EarthImager 2D, 3D and 3DCL(64bit).

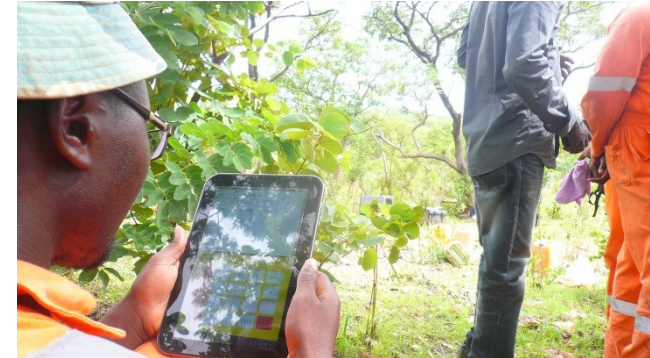
Data courtesy of [SALMA INTERNATIONAL SARL](http://www.salma-international.com)

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# Gold Exploration in Burkina Faso 2D Section



Higher chargeability and low resistivity anomalies indicates possible gold deposit areas where borehole geochemical analysis indicates also higher rate ppm

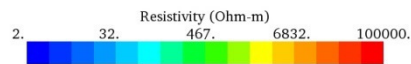
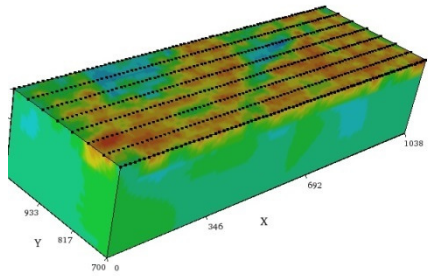


Data courtesy of [SALMA INTERNATIONAL SARL](http://www.salma-international.com)

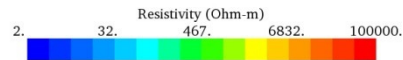
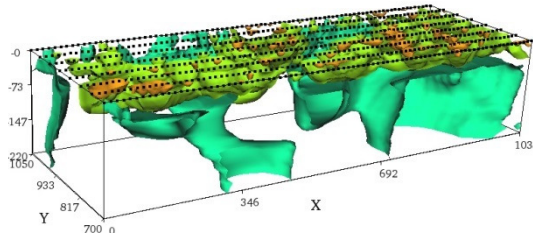
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# Gold Exploration in Burkina Faso 3D Sections

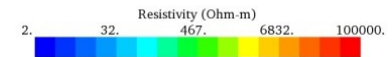
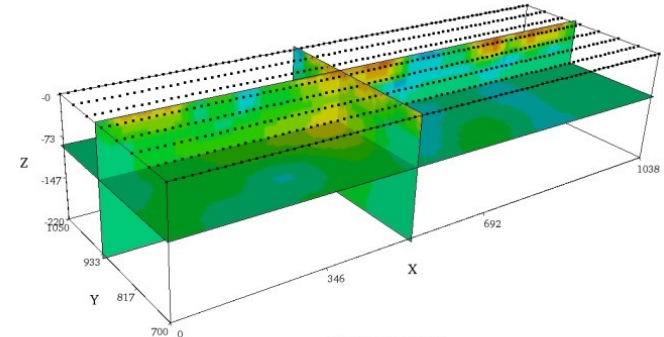
Inverted Resistivity Image



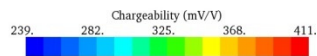
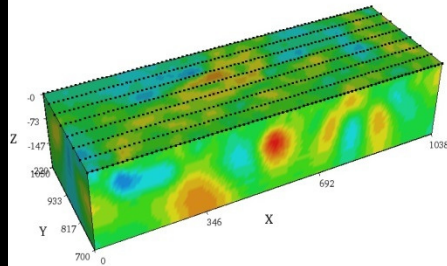
3D Resistivity Contour Plot



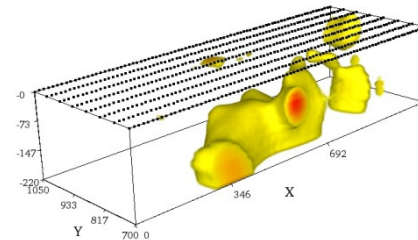
Dynamic Slices of Inverted Resistivity



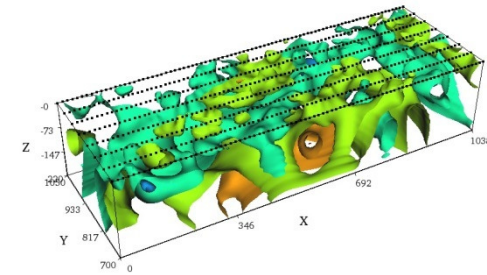
Inverted Chargeability Image



Inverted Chargeability Image



3D Chargeability Contour Plot



Data courtesy of [SALMA INTERNATIONAL SARL](http://www.salma-international.com)

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