



Flying through an African Greenstone Belt by EMusic

Antonio Menghini (1) and Stefano Pontani (2)

(1) Aarhus Geofisica s.r.l., Navacchio (PI), Italy (am@aarhusgeo.com), (2) Freelance musician, Rome (stefanopontani@hotmail.com)

This performance will simulate a flying over and across a “Greenstone Belt” area in Sierra Leone, that was investigated by means of Airborne EM method for detecting gold. VTEM (Versatile Time Domain Electromagnetic - Geotech Ltd) data were sonified according to the procedure (EMusic) defined by Menghini and Pontani (2016). The soundtrack of the video showing a journey through the survey area (also into the subsurface) describes the different geophysical responses, provided by the regolith aquifer, the granitic-gneiss basement and by the greenstone belt bedrock.

It represents a funny way to disseminate the knowledge and the utility of the geophysical methods towards common audience.

References

Menghini, A., and Pontani, S., (2016): What is the Sound of the Earth? First Break, 34, 41-46.