



Higher drilling success rates due to quality data

The Drillers Toolbox



Drilling boreholes is complex and costly. Without good quality geophysical data in place, failed boreholes are often the result. The Drillers Toolbox, an Android mobile app and web-dashboard, bridges this gap by contributing to data-driven decision-making for drilling companies, NGOs and government agencies in the global South. The supporting instructional videos and easy navigation make application simple and the data generated results in cost savings, increased efficiency and transparency.



Geophysics

The app facilitates data collection and visualization of VES (Vertical Electrical Sounding) and HEP (Horizontal Electrical Profiling) measurements to assess soil resistivity and improve borehole site selection. Several array types and measurement methods can be used. Data is generated in Excel and PDF formats, including interpretation models, and easy to share.



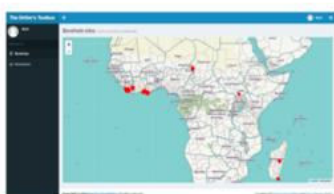
Drill logs

During drilling, the app can be used to capture data on soil layers, piping and backfill, instead of using a pen and paper. Once the work is completed, a professional report is generated and can be shared with stakeholders by email or through the online dashboard.



Pumping tests

The pump test feature guides the user through step tests or constant rate tests. The data is directly recorded in the app and an excel file is generated, including drawdown curves that are ready for analysis.



Web-dashboard

The data visualization in a web dashboard facilitates the analysis of geophysical data and drill logs simultaneously. This enables informed decision making for borehole site selection, design and construction.

Download the Driller's Toolbox on the Google Play Store



Type "Driller's Toolbox" in the Google Play Store, or scan this QR code.

Available in English, French & Portuguese.

To access the web-dashboard visit: www.drillerstoolbox.org

Interested in the Driller's Toolbox? Visit our website and discover our other innovations



Information & partnership:

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