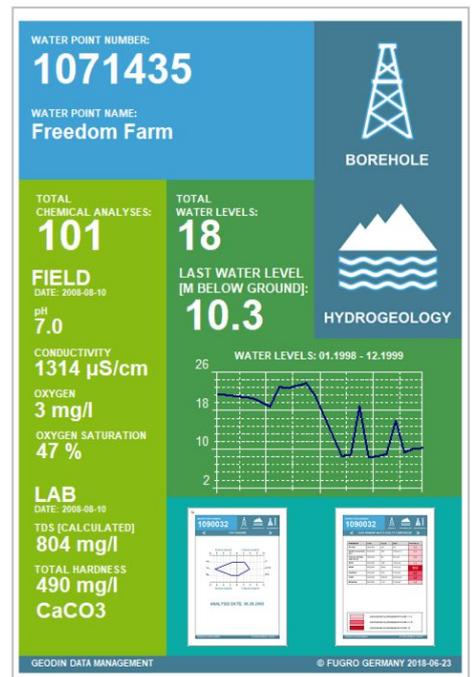# GEODIN WATER SOLUTIONS
DATA MANAGEMENT SOFTWARE

GeODin data management software is used by geologists, engineers, environmentalists, consultants and planners for collecting, monitoring, analysing, reporting & visualizing data. GeODin is available in eight languages, with online and onsite training available worldwide.
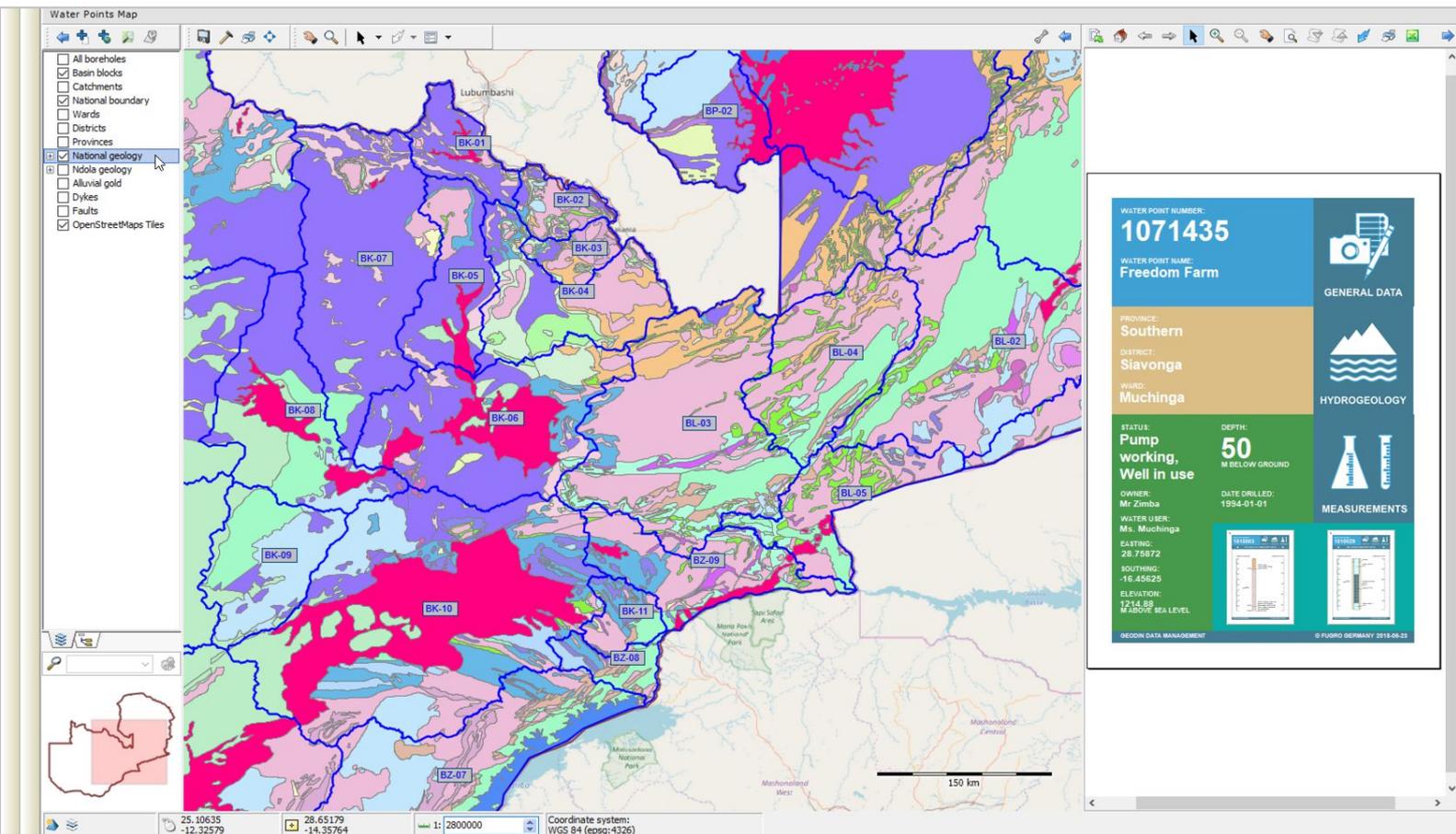
DATA MANAGEMENT

GeODin can be specially customized to provide a data management information system for water resources management. A wide range of geoinformation can be stored in structured databases including site, borehole, groundwater, well design and sample data. Additional information can encompass water levels, chemical analyses, core photos, geophysical tests, as well as stratigraphic & demographic information. Fugro works closely with clients to ensure that the most appropriate data model is used to meet their data management challenges.

STANDARDS & FORMATS

GeODin supports many national and international geological and geotechnical data exchange formats and standards. Data is stored in leading commercial databases such as Oracle, Microsoft-Access/SQL-Server, as well as open source alternatives PostgreSQL and MySQL. International standards include AGS, ASTM, BS5930, CoalLog, SEP3, ENISO 22475, GOST, NEN and ÖNORM. GeODin includes an embedded GIS, interfaces with ArcGIS and QGIS and integrates with modelling software such as Surpac, MineScape and Leapfrog.

GeODin water point layout

WEB INFORMATION SYSTEM

Geoinformation stored in a GeODin database, can be displayed on the internet as a web portal. This enables users without a GeODin licence to navigate between maps, borehole profiles, measurement graphics and reports in their web browser.

On the website a traffic light system can be used to observe specified key parameters, measure work progress and perform status classification. Automatic field to web data transmission can be implemented as requested by the client.

The IT infrastructure including web servers can be hosted by Fugro as part of the worldwide company network, with security provided by a firewall and authenticated access. Alternatively a client may host and run the software independently themselves.

TECHNICAL DETAILS

The recommended system requirements are PCs running Windows 10 (32- and 64-bit) with 4GB RAM and a display resolution of a 1920 x 1080 px. GeODin may also be run from a Windows 2012 Server or Citrix. Previous Windows operating systems and RAM configurations may work, but these are not supported. When working with client/server databases the appropriate database drivers must also be installed. Please contact your network administrator for further information.

GeODin can be used as a stand-alone program or integrated in a multi-user network. GeODin is available in English, French, German, Italian, Portuguese, Spanish, Russian and Turkish. Integrated contextual help is provided in English and German.

GeODin is designed, programmed and distributed exclusively by Fugro. Visit **www.geodin.com** for further information.

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www.fugro.com

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