



## **CONTACT DETAILS**

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### **1 Home**

*Specialists in geosciences, environmental  
management and information systems*

*Our philosophy is to provide exceptional standards  
of quality service*

### **2 About Us**

Aqualogic has been providing a diverse array of professional services in the fields of water management, mineral resources evaluation, environmental impact assessment, and design of information systems since 1999. The firm's philosophy is to provide exceptional standards of quality service to its clients. This is achieved through a team of multi-skilled professionals, each of whom is selected through a rigorous process. That is why our greatest strength is our team of geoscientists, environmental engineers, environmental scientists, and information system analysts. Additional to selecting only the best professionals, we have set quality control measures to ensure that we provide cost effective and practical solutions to environmental and information system problems. In some cases, we collaborate with highly specialised professionals who are called upon on a project-by-project basis where their skills are required. Our approach to solving problems is based on: in-depth understanding of the problem; collecting quality data; and applying appropriate empirical and numerical techniques.

In the area of water management our focus is in groundwater resources evaluation, including physical and chemical process modelling. Connected to groundwater resources evaluation, we provide services in mineral resources exploration and evaluation. Our professional services regarding environmental impact assessment include: socio-economic impact assessment; biophysical impact assessment; archaeological impact assessment and environmental audits. Regarding information systems, we specialise in: spatial

data analysis; systems analysis and design. We provide these professional services to a wide range of clients, from government departments to private firms.

### 3 Services

Geosciences
Groundwater exploration and development
Groundwater Modelling
Contaminant hydrogeology
Wellhead protection studies
Geological Mapping
Mineral Exploration

Environmental Management
Environmental Impact Assessments
Environmental Management Plans
Strategic Environmental Assessment
Environmental audits
Mine Closure Plans
Socio-economic impact assessment
Archaeological Impact Assessment
Waste management
Pollution modelling and control

Information Systems
User needs analysis
Database design
Systems implementation and management
Spatial data analysis
Image processing

### 4 Team

We ensure exceptional standards of quality service to our clients by appointing self-driven and adequately qualified and experienced professionals. Our greatest strength is our team of geoscientists, environmental engineers, environmental scientists, and information system analysts who are complemented by highly specialised experts that are called upon on a project-by-project basis when their skills are required.

## 5 Projects

<b>Geoscience projects</b>
Groundwater evaluation projects for mine operations in Botswana
Geotechnical mapping
Rural Village Water Supply projects in Botswana
Wellfield groundwater resources modelling
Groundwater pollution modelling for mining companies in Botswana

<b>Environmental management projects</b>
Feasibility study of proposed dam sites and off-river storage on the lower Notwane River
Assessment of liquid waste systems of tourism establishments and transportation, handling and storage of hazardous substances in the Okavango Delta
Formulation of waste management strategy as part of the Okavango Management Plan
Environmental impact assessment for the construction and operation of telecommunication towers
Environmental impact assessments of sand mining and quarrying operations
Public Involvement Programme & Social Impact Assessment for mining operations
Environmental Impact Assessment Study for groundwater exploration and wellfield development projects (Kang-Phuduhudu, Bobonong, Botlhapatlou)
Environmental Impact Assessment Study of major village water supply distribution network rehabilitation
Environmental Impact Assessment Study of the design of the North-South Carrier connection to Serowe
Environmental Impact Assessment of infrastructure development projects
Review of existing laws, regulations and guidelines on hazardous waste in Botswana

<b>Information Systems</b>
Statement of User Requirements for an Integrated Banking System
Development of Statement of User Requirements for an Integrated Statistics Database
Situational Analysis and Needs Assessment for different nongovernmental organisations
Development of SOUR for a Case Management System
Development of a SOUR for an Appeals Management System
Development of SOUR for a Fleet Management & Maintenance (ERP) System
Development of SOUR for a Transport Permits and Roadworthiness Certificates System
Requirements Analysis for rolling out the computerised supply system to government departments
Development of SOUR for an Integrated Project Monitoring
SOUR Document for a Payroll System, Pensions & Passages System
Establishment of National Test Pumping and Geophysics Databases
Requirements Analysis and Specification for the National Integrated Geoscience Information System for the DGS