



## OVERVIEW

The Water Group at GCS consists of a team of highly experienced professionals ranging from hydrogeologists, geologists and chemistry specialists to water modellers, engineers and hydrologists. GCS has over 30 years of experience in water sciences and has been involved in numerous studies across African continent.

Our services include mining related water studies, surface water studies, mathematical groundwater flow and contaminant transport modelling, geochemical assessments, contaminant studies and water resource evaluations and monitoring. Our client base extends from individuals and municipalities to industry, mining companies, aid agencies, and government departments.

### Mining Hydrogeology

Environmental Impact Assessments, Mine Dewatering Studies, Hydrochemistry and Contamination Studies, Mine Waste Management, Waste Disposal Investigations, Numerical Groundwater Modelling.

### Monitoring

Water Quality Monitoring of Surface Water and Groundwater, Microbiological Monitoring of Surface Water and Groundwater, Groundwater Level Monitoring, Air Quality Monitoring, and Biomonitoring.

### Water Resources

Groundwater Resource Development, Water Supply Investigations, Water Reserve Determinations, Aquifer Protection and Remediation, Bottled Natural/Mineral Water Development, Dam Yield Analysis

### Hydrology

Catchment Hydrology and Resource Evaluations, Water Management, Flood Hydrology and Flood Lines, Storm Water Management Plans, Feasibility and Conceptual Designs, Water and Salt Balances.

### Contaminant Site Management

Hydrocarbon and Industrial Contaminant Investigations, Landfill Investigations, Risk Based Assessments, Remediation Studies, Waste Characterisation, Source and Plume Delineation, Due Diligence Studies.



For all Dewatering enquiries please contact Alkie Marais Tel: +27 (0) 12 348 1114 | [alkie@gcs-sa.biz](mailto:alkie@gcs-sa.biz)



**South Africa**  
[www.gcs-sa.biz](http://www.gcs-sa.biz)

**Johannesburg**  
+27 (0) 11 803 5726  
[info@gcs-sa.biz](mailto:info@gcs-sa.biz)

**Pretoria**  
+27 (0) 12 348 1114  
[info@gcs-sa.biz](mailto:info@gcs-sa.biz)

**Durban**  
+27 (0) 31 764 7130  
[dbn@gcs-sa.biz](mailto:dbn@gcs-sa.biz)

**Eastern/Western Cape**  
+27 (0) 83 259 5065  
[info@gcs-sa.biz](mailto:info@gcs-sa.biz)

**Botswana**  
**Gaborone**  
+267 7561 2942  
[info@gcs-sa-bw.biz](mailto:info@gcs-sa-bw.biz)  
[www.gcs-bw.biz](http://www.gcs-bw.biz)

**Czech Republic**  
**Ostrava**  
+420 595 170 874  
[Jiri.bernek@gcs-cz.biz](mailto:Jiri.bernek@gcs-cz.biz)  
[www.gcs-cz.biz](http://www.gcs-cz.biz)

**Lesotho**  
**Maseru**  
+266 59 096 030  
[info@gcs-ls.biz](mailto:info@gcs-ls.biz)  
[www.gcs-ls.biz](http://www.gcs-ls.biz)

**Namibia**  
**Windhoek**  
+264 61 435 8228  
[info@gcs-na.biz](mailto:info@gcs-na.biz)  
[www.gcs-na.biz](http://www.gcs-na.biz)

**Zambia**  
**Lusaka**  
+260 950 493 330  
[info@gcs-zm.biz](mailto:info@gcs-zm.biz)  
[www.gcs-zm.biz](http://www.gcs-zm.biz)