



# GROUNDWATER AND ENVIRONMENTAL CONTAMINATION INVESTIGATIONS

## ENVIRONMENTAL CONSULTING

- WE SPECIALIZE IN GROUNDWATER AND ENVIRONMENTAL RISK MANAGEMENT FOR INFRASTRUCTURE AND LAND DEVELOPMENT PROJECTS.

## OUR EXPERTISE

- HYDROGEOLOGICAL IMPACT ASSESSMENTS
- GROUNDWATER CONTAMINATION STUDIES
- GROUNDWATER MODELLING
- GROUNDWATER EXPLORATION
- ENVIRONMENTAL CONTAMINATION ASSESSMENTS
- WASTE CLASSIFICATION

## OUR MISSION

- TO PROTECT GROUNDWATER RESOURCES WHILE ENABLING SUSTAINABLE DEVELOPMENT THROUGH EXPERT ENVIRONMENTAL GUIDANCE.

## SUSTAINABILITY PRACTICES

- LOW-IMPACT DEVELOPMENT (LID) SUPPORT
- WATER RESOURCE CONSERVATION PLANNING
- GREEN INFRASTRUCTURE INTEGRATION

## KEY PROJECTS

- REGIONAL AND SITE SPECIFIC GROUNDWATER MODEL DEVELOPMENT
- DEWATERING IMPACT ASSESSMENTS FOR INFRASTRUCTURE
- CONTAMINATED LAND REMEDIATION PLANNING
- GROUNDWATER RESOURCE DEVELOPMENT

## REGULATORY COMPLIANCE

- WATER USE LICENSE APPLICATIONS
- ENVIRONMENTAL IMPACT ASSESSMENTS (EIAS)
- SUBMISSION OF HYDROGEOLOGICAL SPECIALIST REPORTS
- COMPLIANCE AUDITS AND TECHNICAL REVIEWS

## OUR TEAM

- REGISTERED HYDROGEOLOGISTS
- ENVIRONMENTAL SCIENTISTS
- FIELD TECHNICIANS
- GIS AND DATA SPECIALISTS

## CONTACT US

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## KEY SERVICES

- GROUNDWATER MODELLING
- IMPACT & RISK ASSESSMENTS
- CONSTRUCTION DEWATERING DESIGN
- GEOCHEMICAL ASSESSMENTS
- WASTE CLASSIFICATION

## OUR VISION

- A FUTURE WHERE DEVELOPMENT AND GROUNDWATER SUSTAINABILITY COEXIST, GUIDED BY SCIENCE, INTEGRITY, AND INNOVATION.

## COMPANY OVERVIEW

- GI HYDRO CONSULTING PROVIDES TECHNICAL ENVIRONMENTAL SUPPORT TO INFRASTRUCTURE, MINING, AND MUNICIPAL SECTORS.
- WE DELIVER SCIENCE-BACKED, ACTIONABLE SOLUTIONS TO WATER-RELATED CHALLENGES ACROSS DIVERSE LANDSCAPES.

# Specialist Groundwater and Contamination Investigations

GI Hydro (Pty) Ltd is a specialist environmental and hydrogeological consulting firm with a focus on groundwater, water use licensing, and infrastructure development. With a multidisciplinary team of scientists we help clients make informed decisions that meet both environmental and regulatory requirements.

## Why Choose Us?

- Proven track record in groundwater impact assessments
- Regulatory insight and permitting expertise
- Data-driven, defensible methodologies
- Strong industry relationships and stakeholder communication

## Our Services Include..

- Numerical & Conceptual Groundwater Modelling
- Geophysical Groundwater Exploration
- Hydrogeological Impact Assessments (HGIAs)
- Water Use License Application Support (WULA)
- Groundwater Monitoring & Sampling
- Contaminated Land Investigations
- Identification and delineation of groundwater pollution plumes and remediation recommendations.
- Dewatering Studies.
- GIS Mapping & Spatial Analysis

