

Specialist Groundwater and Contamination Investigations

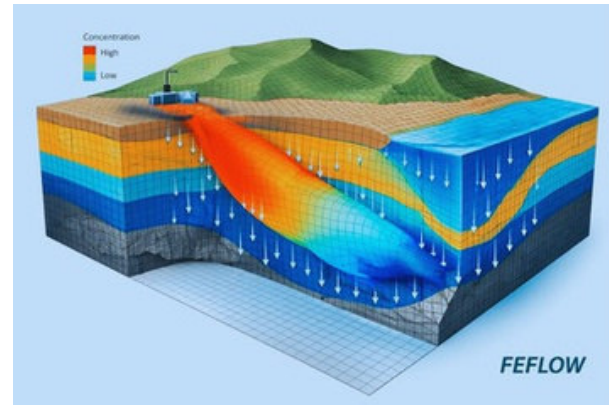
GI Hydro (Pty) Ltd is a specialist environmental and hydrogeological consulting firm with a focus on groundwater, water use licensing, and infrastructure development. With a multidisciplinary team of scientists we help clients make informed decisions that meet both environmental and regulatory requirements.

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





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

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

COMPANY OVERVIEW

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