



## Geo Pollution Technologies Gauteng (Pty) Ltd

Consulting Environmental Scientists

ISO 9001:2015 | B-BBEE Level Two

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## GROUNDWATER MODELER POSITION

Date Listed: 27 October 2022

Address: Pretoria

Job Type: Full time, permanent position

Salary: GPT salary structure

Start date: As soon as possible

GPT requires the services of a Groundwater Modeler to be stationed at the Pretoria office.

### ESSENTIAL SKILLS

#### Qualification and minimum requirements:

- Master's degree in Geology / Hydrogeology / Environmental Science
- Mathematical background - must have a working knowledge of elementary mathematics, especially linear algebra and matrix algebra
- Chemistry background - must have a working knowledge of elementary chemistry, especially chemical reaction rate constants
- Modelling insights - must have a working knowledge of the different types and use of modelling boundary conditions and available modelling packages
- Modelling experience - must have completed at least 50 models with more than one software package
- 10 years' experience in environmental consulting
- Valid driver's license and own transport
- Conversant in MS Office
- Provide credible references

#### Professional aspects:

- Provide specialist inputs in terms of formulating the conceptual site model
- Provide reliable interpretation of complex field data
- Involve in and develop and drive data management and presentation strategies
- Prepare technical input and costing for tenders and provide specialist input in complex tenders and non-routine proposals
- Develop templates and/or guidelines for data management implementation

- Implement quality assurance and quality control protocol and review remediation projects and modelling reports
- Provide specialist inputs to project management and execution
- Provide reliable interpretation of complex data sets, i.e. complex site conceptualisation, interpretative report writing, high quality scientific reports
- Attend client meetings at executive/decision-making level
- Provide planning and technical direction for project managers/responsible persons
- Recognised as expert in the field
- Compile presentations to clients and present at conferences
- Attend public participation meetings and IAP/regulator engagement

**Business aspects:**

- Effectively follow strategies developed by management to reach targets and ensure productive hours are achieved
- Ensure projects are completed within budget
- Ensure work quality meets and exceeds client expectations
- Plan and designate project resources within timeframes
- Keep stakeholders informed during the entire project, from kick-off to completion
- Ensure GPT and client SHEQ strategies implemented across unit
- Manage change if and when change arisen using both client's and GPT's management of change procedures

**Inherent requirements of the job:**

- Ability to communicate, present and influence credibly and effectively at all levels of the organisation
- Ability to manage multiple tasks at a time while paying attention to detail
- Excellent verbal and written communication and technical writing skills
- Be able to work under pressure
- Ability to work independently (with minimal supervision) and in a team
- Planning, organising and execution
- Be motivated to succeed

To apply submit your CV to [cv@gptglobal.com](mailto:cv@gptglobal.com). If we do not contact you within 14 days your application was unsuccessful.