

## External Vacancy

### Position: Hydrogeologist

### Department: Water Resource Management Department

Hydrogeology is the study of the laws governing the movement of subterranean water, the mechanical, chemical, and thermal interaction of this water with the porous solid, and the transport of energy, chemical constituents, and particulate matter by flow (Domenico and Schwartz, 1998).

Hydrogeologists are involved in attempting to solve some of the big questions facing the world today, including sustainable water supply, food and energy production; environmental protection; and coping with climate change. They work closely with a wide range of people, from individual farmers and well owners; to other scientists and engineers; to agronomists, sociologists, economists, policy makers, regulators and planners.

#### KEY RESPONSIBILITIES WILL INCLUDE:

- Engaging with authorities on management and maintenance of Water Use License (WUL) conditions and other water related matters.
- Amendment and renewal of the WUL when required, including any new applications.
- Ensuring legal requirements are complied with in terms of the National Water Act and other relevant legislation.
- Managing environmental water and mineral waste risks and responsibilities in line with company conditions, commitments, and obligations.
- Maintaining a culture of compliance to SHEQ issues across the business, with focus on continuous improvement on water and mineral waste issues.
- Providing guidance, support and coaching to operations regarding water and mineral waste management and compliance to WUL conditions.
- Topographical Surveys
- Data preparation and manipulation,
- Site visits and field work as required on projects
- Report writing
- Ensuring internal SHEQ processes and procedures are complied with.
- Fieldwork and subcontractor management
- Data interpretation and formulation of hydrogeological conceptual models
- Assist in marketing and client development.
- Mentoring of junior staff
- Excellent data interpretation skills and formulation of hydrogeological conceptual models
- Documentation required including, but not limited to water balances, monitoring and Integrated Waste and Water Management Plans.
- Extensive knowledge on mine rehabilitation and closure planning (Financial evaluations, assessments, plans & risks).
- Contribute to and where required manage EIA's and EMP's through the full process as well as assist with Prospecting and Mining Right/Permit Applications.
- Groundwater Modelling
- Geochemical Studies

## External Vacancy

### Position: Hydrogeologist

### Department: Water Resource Management Department

#### Qualifications & Experience:

- Tertiary education (degree/ B-Tech) in Geohydrology (Hydrology, or Equivalent)
- 10 - 15 Years' experience in WUL Applications, Modelling, Hydrogeological Studies)
- Valid Driver's License.
- NB! SACNASP Registered Scientist.
- Knowledge of relevant Environmental Legislation.
- Relevant software programmes like GIS, MODFLOW and related.
- Qualification in Project management will be advantageous.
- Cover Letter with detailed Experience will be advantageous.

#### Fundamental Qualities:

- Good Communication Skills
- Excellent Report Writing Skills.
- Must be system orientated.
- Computer Literacy
- Ability to work under pressure.
- Ability to effectively engage with stakeholders especially government officials.
- High level of Integrity.

#### Location:

- Nelspruit Mbombela (Full-time)

#### External Applicants:

A detailed curriculum vitae and copies of qualifications must be forwarded to  
e-mail: admin@ledodoengineering.co.za

**Please Note:** SAPS certified copies only.

**External candidates: consider your application unsuccessful if you do not hear from us within 21 days.**

**CLOSING DATE: 30 APRIL 2025**