

Curriculum Vitae: Morné van Wyk

Nationality : South Africa
Profession : Scientist
Specialization : Geohydrologist
Date of birth : 09 December 1989
ID-Number : 891209 5025 084

QUALIFICATIONS:

- **UNIVERSITY OF THE FREE STATE**

2013: B.Sc. Geology

2018: M.Sc. Geohydrology

EXPERIENCE:

2013: Junior Geohydrologist at GCS Water and Environmental Consultants, Johannesburg

2014: Assisting with geohydrological projects and research.

- Assisting and/or leading various micro projects and research necessitating geology and geohydrology assessments (Pump tests and sampling, Water Management, Data collection/analysis)
- Using a Multiple Water Balance Approach to Estimate Recharge for Optimum Mine, Mpumalanga (Available on request)
- Specific Data Collection and Analysis using geological modelling software with regards to mapping and reserve calculations
- Leading various disciplines within the Geohydrology environment
- Writing of associated reports
- Geological and underground mapping
- Assignments within Structural geology scope

2018 – Present:

Geohydrologist and Environmental Practitioner

- Writing of Environmental Impact Assessments and Water Use Licences.
- Writing and completing of Geological -, Geohydrological-, Storm water management plans and Monitoring Programs, as well as all the necessary field work associated with them.
- Creating of maps (Q-GIS) for both mining and environmental areas.

FIELD OF EXPERTISE:

- Water Engineering and Water Management
- Geophysics
- Data Collection and Analysis
- Hydrocarbon analysis
- Hydro census
- Drilling supervision
- Pump tests and Water Sampling