



# Geotechnical Superintendent

Shinyanga, Tanzania, United Republic of and 1 more

- Job Identification 227453
- Posting Date 11/21/2023, 05:31 PM
- Apply Before 12/05/2023, 05:31 PM
- Degree Level High School Graduate
- Job Schedule Full time
- Locations Kahama Shinyanga, Kahama, Shinyanga, P.O. Box 891, TZ

## GEOTECHNICAL SUPERINTENDENT (1 VACANCY)

### Position Description

**Bulyanhulu Gold Mine** is seeking to recruit a **Geotechnical Superintendent** to join and grow our team.

Join our exceptional team and embody Barrick's core values as you work with us. We are in search of individuals who can champion Barrick's DNA by:

- Communicating **Honestly, Transparently, and Acting with Integrity**
- Exhibiting a **Results-Driven** approach
- Delivering solutions that are **Fit for Purpose**
- Dedicating themselves to **Building a Sustainable Legacy**
- Taking **Responsibility and being Accountable**
- Committing to **Zero Harm**

### Responsibilities:

- Work in compliance with ISO 14001 and 45001 Standards
- Providing geotechnical input into the mining & mine planning process
- Maintain the Mine's Ground Control Management Plan, with regular updates to the Ground Control Management Plan document.
- Geotechnical slope designs
- Design of slope and development support e.g. primary support & cable bolt layouts
- Design, installation, evaluation & analysis of underground stability monitoring systems
- Maintaining a 3D Geotechnical block model (mining rock mass model) for slope stability and ground support evaluations
- Maintaining a Life of Mine stress model & utilizing the model for slope sequencing, evaluation of seismic risk & recommendations to mitigate geotechnical risks that might arise during the LOM.
- Raise bore stability analysis

- Pillar design & analysis
- Backfill model analysis.
- Rock mass & structural logging data analysis & validation
- Ground support project costing, budgeting & management of change
- Training of Geotechnical Engineers
- Collecting, analyzing and interpreting geotechnical data
- Ensuring the production team adheres to the approved mine ground support standards.
- Reviewing standard ground support profiles
- Maintaining adequate stocks of ground support consumables on site
- Providing monthly consumption reports on ground support installed
- Ensuring ground control training programmes are carried out where required.
- Ensuring all significant ground falls are inspected and reported.
- Advising on ground control matters and generating relevant/specific ground control designs
- Generate weekly and end of month Geotechnical reports.
- Promote health and safety in the workplace.
- Compliance with all statutory regulations and procedures
- Compliance with all the Company's Policies and Procedures
- Establish and meet timelines at all times.
- Upward reporting as required.

**Qualification Requirements:**

- Bachelor Degree in Mining Engineering or Geological Engineering Degree preferably with a specialization in Ground Control, Geotechnical Engineering or Rock Mechanics.

**Experience and Skills Requirements:**

- Must have a minimum of 10 years' experience in an underground mining environment.
- Must have a minimum of 5 years post graduate industry underground mining experience preferably in precious metals using narrow vein long hole stoping.
- Proficiency with geotechnical design software such as FLAC3D, Dips, UnWedge, RS2, RS3, Map3D and Deswik mine design
- Proficiency with Ticker3D, Trace and mXrap
- Able to work safely and not create or ignore hazards.
- Able to maintain accurate records and reports.
- Ability to interpret mine layouts.

**What We Can Offer You:**

- A comprehensive compensation package including bonuses and site-specific benefits.
- The ability to make a difference and lasting impact.
- Work in a dynamic, collaborative, progressive, and high-performing team
- Opportunities to grow and learn with industry colleagues.
- Access to a variety of career opportunities across the organization

**Please forward applications before 5th December 2023**

**We are committed to a safe work environment sending every person home safe and healthy every day and leaving a sustainable legacy on our host communities.**

To Apply, [\*\*CLICK HERE\*\*](#)