

SENIOR MINE GEOLOGIST

Location: Nyanzaga Mine Site, Tanzania

Employment Type: Fixed Term or 24Months

Perseus Mining (Tanzania) Limited (SMLC) is seeking a Senior Mine Geologist.

The Senior Mine Geologist is directly accountable for leading all daily Grade Control (GC) activities in the open pit and delivering robust geological inputs in line with the MMP.

The role leads GC block modelling and wireframing, plans and supervises RC grade control drilling, and manages GC sampling and logging to ensure precise ore-waste delineation and strict control of dilution and ore loss.

The Senior Mine Geologist safeguards the accuracy and integrity of all geological data through validation and effective database management, ensuring operational decisions are based on reliable, up-to-date information.

The role is also responsible for operational EOM reporting and mine-to-mill reconciliation, with clear accountability for defining and applying NAF/PAF criteria and ensuring material is correctly routed to waste rock dumps (WRDs) and NAF/PAF destinations in line with operational and environmental requirement

Key Responsibilities

1. Management of Safety, Environment and Community Relations

Demonstrate visible safety leadership and promote a strong safety culture within the Mine Geology team. Participate in the development, review and updating of JHAs/JSAs and SOPs for mine geology and grade control tasks, ensuring the team understands and applies these procedures.

Identify geology-related hazards at pit faces and drill patterns, including access, bench edges, equipment interaction, heat, dust and visibility, and intervene or stop work where conditions are unsafe.

Support community and environmental objectives by working in line with site requirements and respecting local customs and practices.

2. People Management

Supervise and mentor Mine Geologists, Junior Geologists, and Grade Control Technicians to build their capabilities in grade control drilling supervision, sampling, geological logging, grade control wireframing, block modelling, database management, and reconciliation. Allocate daily and weekly tasks, set clear expectations for data quality, safety, and field discipline, and monitor team performance. Provide on-the-job training and coaching to develop national staff, supporting structured competency development and succession planning. Contribute to performance reviews by providing objective feedback on technical skills, safety performance, and workplace behaviours.

3. Operations – GC Drilling and Sampling

Plan and supervise RC GC drilling programs to achieve appropriate data density for ore-waste delineation in line with the MMP.

Define and maintain NAF/PAF coding and classification requirements and ensure they are applied in drilling instructions, logging and sampling.

Document Owner: Human Resources	Document uncontrolled when printed	Authorised By: Besim Ertem	
Doc. ID:	Rev No:	Date Issued 14 August 2026	Date Printed: 14/08/2026

Coordinate with Survey and drilling contractors to deliver safe, accurate drilling and oversee RC and blast-hole sampling, including chain of custody.

Lead QA/QC for GC sampling, including standards, blanks, duplicates and repeats, and investigate and close out any QA/QC issues.

4. GC Wireframing and Block Modelling

Maintain and update grade control (GC) mineralisation wireframes using current drilling, mapping, and geological logging data. Develop and update short-range GC block models to support ore mark-up, short-term mine planning, and dilution control. Produce and communicate key geological sections and plans to support Mining, Planning, and Metallurgy teams.

5. Ore Mark-Up, ROM Pad & WRD / NAF-PAF Support

Issue clear and accurate ore polygons and dig plans to the Mining and Survey teams to minimise ore loss and dilution while achieving grade targets. Provide geological input into ROM pad and stockpile building and reclaim activities to maintain a consistent and stable feed to the crusher. Provide operational guidance on NAF/PAF classification and coding, ensuring the correct identification, handling, and routing of material to the appropriate waste rock dumps (WRDs) and NAF/PAF destinations.

6. Data & Database Management

Ensure all grade control (GC) drilling, sampling, geological logging, and assay data are accurately captured, validated, and loaded into the geological database in a timely manner. Maintain a clean, accurate, and auditable GC database, including NAF/PAF coding, supported by robust data validation and QA/QC checks. Generate regular data outputs, including geological sections, plans, and grade/tonnage summaries, to support Planning, Mining, and Metallurgy activities

7. Reconciliation and Reporting

Lead operational reconciliation between the GC model and mined material based on survey data, as well as between mined ore and plant feed, in collaboration with the Metallurgy and Mining teams. Prepare monthly reconciliation summaries covering tonnage, grade, dilution, and ore loss, and analyse and explain key variances and trends. Identify reconciliation issues related to the geological model, sampling, or mining practices and drive corrective actions in collaboration with Mine Geology, Mining, Survey, and Metallurgy teams. Provide GC inputs for weekly and monthly site reports.

Qualifications & Experience

- Bachelor's degree in Geology, Geological Engineering or equivalent.
- Professional membership desired.
- Valid driver's licence suitable for mine-site conditions

Where You'll Be Working

Nyanzaga Gold Project is Perseus's first planned operation in Tanzania, located in the Lake Victoria Goldfields. A Final Investment Decision was made in April 2025, with first gold production targeted for early 2027.

Document Owner: Human Resources	Document uncontrolled when printed	Authorised By: Besim Ertem	
Doc. ID:	Rev No:	Date Issued 14 August 2026	Date Printed: 14/08/2026

The project places strong emphasis on sustainability and local development, with programs dedicated to employment, skills training, infrastructure, and long-term social outcomes. Once operational, Nyanzaga is expected to become a key contributor to Perseus’s future growth and a flagship project in East Africa.

About Us

Perseus Mining Limited is an ASX and TSX listed gold producer, developer, and explorer focused on the African continent.

With a strong pipeline of projects including our flagship Nyanzaga development in Tanzania and an expanding presence in the region, we currently operate three gold mines: Edikan in Ghana, and Sissingué and Yaouré in Côte d’Ivoire.

Driven by a clear growth strategy to maintain annual gold production exceeding 500,000 ounces, Perseus is focused on operational excellence and long-term value creation.

We are dedicated to developing skills, offering rewarding careers, and providing the opportunity to make a real impact within a progressive and growing organisation spanning multiple African nations.

How to Apply

Applications will only be received by email to perseus@globeconnect24-7.com with the advertised job title Senior Mine Geologist as the subject line of the email.

Applications close on **03rd September 2026**. Perseus Mining reserves the right to remove advertised roles prior to this date. Only shortlisted applicants will be contacted.

To align with Perseus Mining’s commitment to safety, the successful candidate will be required to undergo pre-employment checks, including a medical screening.

Perseus Mining is an equal opportunity employer that supports and cultivates a diverse workforce. We value our employees and empower them to enhance their skills and advance their careers

Document Owner: Human Resources	Document uncontrolled when printed	Authorised By: Besim Ertem	
Doc. ID:	Rev No:	Date Issued 14 August 2026	Date Printed: 14/08/2026