

<b>Position Title</b>	Quality Assurance and Quality Control Geologist	<b>MML is an equal opportunity employer, and women are strongly encouraged to apply.</b>
<b>Department</b>	Mining	
<b>Location</b>	Marampa Mines Site, Lunsar, Sierra Leone	
<b>Reporting to</b>	Sr. Exploration Geologist	

**Position Summary**

Marampa Mines Limited is seeking to hire a suitably qualified and experienced **Quality Assurance and Quality Control Geologist** responsible for implementing, monitoring, and improving the QAQC systems across all stages of geological data collection, including sampling, logging, analysis, database management, alignment with samples dispatched and assays received, and reporting system. This role ensures the reliability, accuracy, and integrity of geological and geochemical data used for resource estimation, exploration targeting, and operational decision-making. The QAQC Geologist working in the Core Shed and collaborates with Exploration, Resource Geology, Laboratory, and Database teams to ensure compliance with industry standards and internal protocols.

**Key Responsibilities**

- Design, implement, and manage QAQC protocols across all geological and geochemical data streams (RC,DDH, Channel, Auger, and grab sampling).
- Oversee insertion of Control Samples (blanks, standards, duplicates) in the sampling process according to defined frequencies.
- Monitor sample preparation, analysis, and lab turnaround times in collaboration with the laboratory team.
- Ensure proper sample handling, labelling, security, and chain of custody procedures.
- Review laboratory assay results and generate QAQC reports including performance of control samples, contamination checks, and repeatability tests.
- Identify QAQC failures, investigate causes, and recommend re-analysis or corrective actions.
- Maintain comprehensive and auditable QAQC records and documentation
- Support the validation and cleaning of geological and assay databases to ensure accuracy and completeness.
- Ensure QAQC procedures align with JORC/NI 43-101/industry’s best practice standards.
- Conduct periodic internal audits and participate in external reviews and due diligence processes.
- Contribute to SOP development, updates, and staff training on QAQC best practices.
- Identify trends or recurring issues in data quality and recommend improvements in sampling, logging, or laboratory practices

- Liaise with laboratories, database administrators, and geologists to ensure QAQC results are interpreted and acted upon appropriately.
- Provide training and mentorship to geology teams on QAQC procedures, sample handling, and data integrity.
- Communicate QAQC results and implications clearly to technical teams and management through dashboards, reports, and presentations.

**Qualifications and Experience**

- Bachelor’s degree in Geology, Earth Science, or related field; Master’s degree preferred.
- Minimum of 3-year experience of field-based experience in mineral exploration, including extensive geological and structural mapping
- Familiarity with analytical techniques (e.g., Fire Assay, XRF, ICP), sampling theory, and laboratory Workflows
- Experience managing QAQC processes for RC and diamond drilling campaigns.
- **Skills and Competencies**
- Proficiency in QAQC data analysis, statistical methods, and control charting.
- Skilled in Microsoft Excel, QAQC software tools (e.g., ioGAS, R, Georeka, Python), and geological databases.
- Knowledge of laboratory procedures, sample preparation protocols, and geochemical analytical methods.
- Understanding of Strong analytical and problem-solving skills.
- Team player with strong interpersonal skills and ability to train others. Resource reporting standards (JORC, NI 43-101, SAMREC).

**Work Environment and Physical Requirements**

- The individual must be physically and mentally fit for a fast-paced work environment.
- Standard office hours apply, with some flexibility required.

**HOW TO APPLY & CLOSING DATE**

Please forward your application, including your CV, cover letter, copies of your educational and professional certificates, and any other supporting documents.

To **Marampa Mines Limited. Human Resources** desk via the main entrance gate of the Mine Site, Lunsar, or e-mail:

[MMLRecruitment@marampamines.com](mailto:MMLRecruitment@marampamines.com)  
<https://marampamines.com/careers/>

**The closing date for receipt of applications is 19<sup>th</sup> June 2026.**

Only shortlisted candidates will be contacted and may be required to perform written and practical assessments, where applicable.

**Women are strongly encouraged to apply for roles at MML.**