

Position Title	Resource Mines Geologist	MML is an equal opportunity employer, and women are strongly encouraged to apply.
Department	Mining	
Location	Marampa Site, Lunsar, Sierra Leone	
Reporting to	Chief Geologist	

Position Summary

Marampa Mines Limited is seeking to recruit a qualified and experienced **Resource Mines Geologist**. The successful candidate will be responsible for supporting mine planning and ore extraction through effective geological mapping, grade control, and data interpretation. The role focuses on collecting, analysing, and reporting geological information to ensure accurate ore body definition and optimal resource recovery.

The individual will work closely with the mining, planning, and processing teams to provide timely geological guidance, monitor ore quality, and contribute to continuous improvement initiatives within the mining operations. Strong analytical skills, field experience, and proficiency in geological software are essential for success in this position.

Key Responsibilities

- Ensure compliance with HSE standards by promoting a zero-harm culture, conducting daily safety meetings, and ensuring proper use of PPE.
- Provide technical expertise in estimating iron ore deposits, ensuring accurate geological models per industry standards.
- Lead, mentor, and develop junior geological staff in resource estimation, geo-statistics, and geological modelling techniques.
- Take ownership of resource estimation and reporting, ensuring timely and accurate submissions of resource statements and LOM plan documentation.
- Develop, maintain, and improve reconciliation models to track and compare mine vs. mill performance and mine vs. reserve/resource figures.
- Identify mineralisation controls to improve deposit modelling and support exploration teams with new drill target generation.
- Assess, design, and implement an effective production-grade control process to optimise ore extraction and resource recovery.
- Provide ongoing geological and technical support to mining, processing, and exploration operations to enable effective decision-making.
- Lead or assist in incident investigations, ensuring comprehensive reporting and immediate action on safety or operational anomalies.

- Undertake and manage minor operational projects or studies assigned, ensuring quality, accuracy, and adherence to company standards.
- Implement training programs for junior staff to facilitate knowledge transfer, skills development, and capacity building, enhancing team performance and supporting organisational goals.

Qualifications and Experience

- Bachelor's degree in Geology, Earth Sciences, or a related discipline.
- A Master's degree in Geology or an MBA is considered an added advantage.
- Minimum of 10 years' experience in mining geology, resource modelling, ore grade control within an Iron Ore or similar mining environment.

Skills and Competencies

- Strong geological interpretation, modelling, and analytical skills.
- Proficiency in geological and mine planning software (e.g., Datamine, Leapfrog, Surpac, Vulcan).
- Excellent understanding of resource estimation, geo-statistics, and grade control principles.
- Strong attention to detail with the ability to produce accurate and reliable geological reports.
- Effective leadership and mentoring skills, with the ability to train and develop junior staff.
- Strong problem-solving abilities and the capacity to make sound technical decisions under pressure.
- Excellent written and verbal communication skills with the ability to interpret complex geological information clearly.
- Strong teamwork and collaboration skills, with the ability to work effectively across mining, processing, and exploration teams.
- High level of organisational and time-management skills with the ability to prioritise competing tasks.
- Commitment to safety, continuous improvement, and operational best practices.

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
<https://marampamines.com/careers/>

The closing date for receipt of applications is 15th December 2025.

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.