



AFRILIME MINERAL
PROCESSING SOLUTIONS

COMPANY PROFILE

2025/2026

Afrilime is officially registered with the Contractors Registration Board (CRB) as a Specialist Civil (Tunneling and Mining Works) Contractor Class 2. This underscores the company's ability to execute complex civil works within the mining environment. Afrilime works closely with relevant regulatory authorities to ensure responsible and sustainable practices.

AFRILIME MINERAL PROCESSING SOLUTIONS

Afrilime Mineral Processing Solutions is a private company limited by shares, incorporated in the United Republic of Tanzania under the Companies Act, 2002 (Certificate of Incorporation No. 171984513).

www.afrilimemining.com



Welcome

As a 100% Tanzanian-owned and managed entity, Afrilime provides comprehensive mineral processing, metallurgical engineering, and technical support services to the mining sector. The company specializes in delivering efficient, safe, and environmentally responsible solutions, with a particular emphasis on artisanal, small-scale, and medium-scale mininoperations. By supporting clients in improving mineral recovery and optimizing plant performance, Afrilime actively reduces environmental and occupational health risks associated with mineral processing activities.



Furthering its commitment to excellence and technical capacity, Afrilime is officially registered with the Contractors Registration Board (CRB) as a Specialist Civil (Tunneling and Mining Works) Contractor Class 2 (Registration No: SPC2/328/11/2025). This underscores the company's ability to execute complex civil works within the mining environment. Operating in strict compliance with Tanzanian mining, environmental, and occupational safety regulations, Afrilime works closely with relevant regulatory authorities to ensure responsible and sustainable practices. Based in the Mpomvu Industrial Area in Geita, Tanzania, Afrilime provides its specialized services across the country and the wider East African region.



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Our Mission

To provide innovative, high quality mineral processing solutions that deliver value to our customers while ensuring sustainability, safety and environmental responsibility in every aspect of our operations.

Our Vision

To be the leading provider of advanced and sustainable mineral processing technologies, driving growth and prosperity for our stakeholders while contributing to a greener and more efficient global mining industry.

Core Values

- Innovation & Sustainability
- Quality and Excellence
- Safety and Responsibility
- Integrity & Collaboration

Innovation & Sustainability

We embrace new technologies and practical solutions to continuously improve mineral recovery, plant efficiency, and environmental performance.

Quality & Excellence

We maintain high technical and operational standards to deliver efficient and reliable mineral processing

Integrity & Collaboration

We conduct our business ethically, transparently, and responsibly, always doing what is right even when faced with challenges.

Safety and Responsibility

We prioritize the health and well-being of our employees, contractors, and communities by implementing rigorous safety protocols.

Corporate Governance, Compliance and Policies

Afrilime Mineral Processing Solutions operates on strong principles of integrity, accountability, fairness, and transparency. The company integrates both national regulatory requirements and internationally recognized best practices into its daily operations to ensure responsible and sustainable service delivery. Afrilime's activities are guided by the following corporate policies:

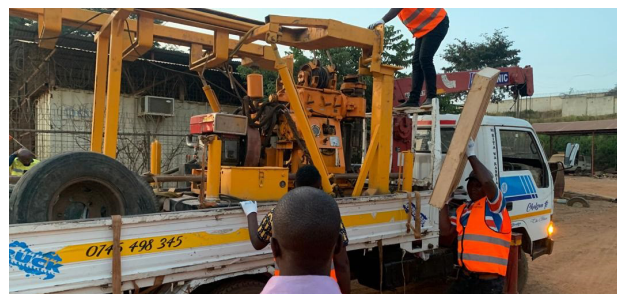


- i. Code of Ethics and Professional Conduct
- ii. Employment and Workforce Management
- iii. Human Resource Development
- iv. Occupational Health, Safety and Environment (OHSE)



- v. Financial Management and Regulatory Compliance
- vi. Quality Control and Quality Assurance
- v. Insurance Policy

Afrilime prioritizes the health and safety of its employees, clients, contractors, and surrounding communities by maintaining a safe working environment and implementing effective hazard identification and control measures, particularly within mineral processing operations.



ABOUT US

Afrilime Mineral Processing Solutions is a Tanzanian-owned mineral processing and metallurgical engineering company based in Mpomvu Industrial Area-Geita, Tanzania. Established in 2019, the company provides efficient, safe, and environmentally responsible mineral processing solutions tailored to artisanal, small-scale, and medium-scale mining operations. Afrilime specializes in mineral processing CIP plant & TSF design, installation, and optimization, integrating environmental management and occupational health and safety considerations into all operations.

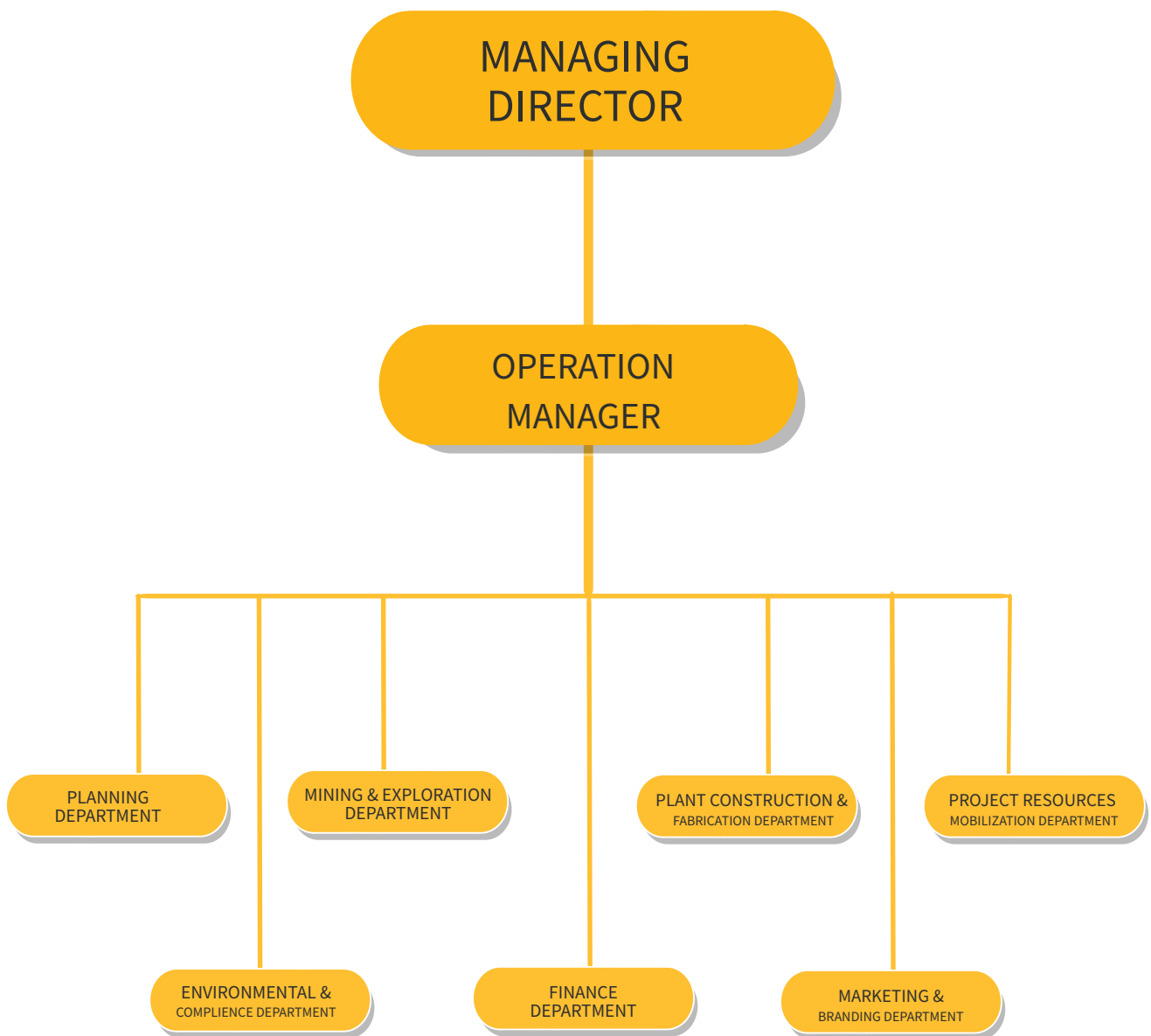


Through close collaboration between engineers, metallurgists, and environmental specialists, Afrilime delivers practical, cost-effective, and sustainable solutions that comply with local regulations and international best practices



ORGANIZATIONAL STRUCTURE

AFRILIME MINERAL PROCESSING SOLUTIONS



MEET OUR PROFESSIONAL TEAM



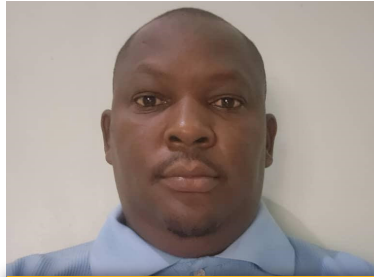
**MANAGING DIRECTOR
PHILIPO NGOWO**

ERB Professional Registered Engineer in Metallurgy and Mineral Processing with over seven years' experience in gold processing, plant optimization, TSF works, and metallurgical consulting. Professionally certified in mining safety, process optimization, regulatory compliance, and efficient mineral processing plant operations



**MARKETING AND FINANCE MANAGER
UPENDO MINJA**

Finance and marketing professional with over seven years' experience in budgeting, cost control, financial reporting, cash flow management, procurement support, and business administration. Certified in financial documentation, accounting tools, compliance reporting, and organizational financial planning.



**OPERATIONAL MANAGER & SENIOR METALLURGIST
WILFRED ENOCK LYIMO**

ERB Professional Registered Engineer with Bsc in metallurgy and mineral processing and MSc in oil and gas technology with over eleven years' experience in plant design, commissioning, TSF construction, and project management. A senior professional engineer certified in metallurgical software, safety systems.



**MINERAL PROCESSING ENGINEER
JULIUS GEORGE**

ERB-registered Metallurgy and Mineral Processing Engineer with over three years' experience in gold processing, CIP commissioning, TSF construction, and laboratory testing. Certified through industrial practical training, metallurgical sampling, and mining safety procedures.



**PROJECT PLANNER
ELISHA LAVUYE**

Project planning professional with experience in industrial and mining project coordination, scheduling, documentation control, and administrative support. Skilled in planning implementation, stakeholder coordination, reporting, and compliance tracking.



**SENIOR EXPLORATION GEOLOGIST
BONIFACE KILEO**

Professional geologist holding a BSc in Geology with over three years' experience in geological mapping, drilling supervision, geophysical surveys, and resource estimation. Certified in ArcGIS, Surpac, Res2D, and advanced geological data analysis tools for exploration projects.



**MINERAL PROCESSING ENGINEERS
JACKSON MATEMANI**

ERB-registered Metallurgy and Mineral Processing Engineer with professional experience in gold processing, CIP plant operations, TSF construction, and metallurgical optimization. Trained at North Mara Gold Plant and certified in mineral processing operations, safety compliance, and technical team leadership.



**CIVIL ENGINEER
JULIUS MLACHA**

ERB-registered Civil Engineer with experience in mining infrastructure, TSF construction, CIP plants, railway rehabilitation, and oil and gas projects. Certified in structural design software, construction supervision, and project management for complex industrial developments.



**MINERAL PROCESSING ENGINEERS
JAMES PILI TOBO**

iERB-registered Mineral Processing Engineer with practical experience in plant operations, process monitoring, sampling, and metallurgical accounting. Certified in plant safety, SOP compliance, performance reporting systems, and operational efficiency improvement within gold processing facilities.

MEET OUR PROFESSIONAL TEAM



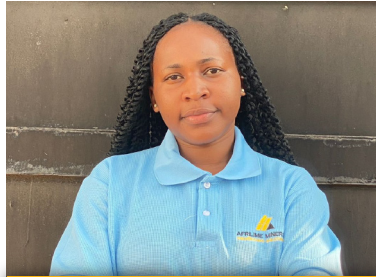
CIVIL ENGINEER
ROSEANNA MREMA

ERB-registered Civil Engineer with experience in structural design, earthworks, TSF, and dam construction. Certified in AutoCAD and Protostructures, supporting safe, compliant, and technically sound civil engineering project implementation.



MECHANICAL ENGINEER
GEORGE LUTEMBESHA

ERB-registered Mechanical Engineer with experience in equipment maintenance, mechanical fitting, troubleshooting, and production support. Certified in AutoCAD, SolidWorks, basic PLC systems, and industrial safety practices, supporting reliable operation of mining and processing plant equipment.



ENVIRONMENTAL AND SAFETY OFFICER
CATHERINE CARLOS MWAKANOSYA

ERB-registered Environmental Engineer with experience in EIA, environmental compliance, monitoring, and reporting. Certified in NOSHC Levels 1 and 2 and Tanzanian environmental regulations, supporting occupational safety, regulatory compliance, and sustainable mining project implementation.



CIVIL TECHNICIAN
RICHARD CHAKUPEWA

Civil technician holding a Certificate in Masonry and Bricklaying with over nine years' experience in civil construction, site supervision, and concrete works. Certified in masonry practice, site safety, quality control, and construction supervision for infrastructure and building projects.



MINERAL PROCESSING ENGINEER
ALEX KUZENGWA MWANGWA

ERB-registered Metallurgy and Mineral Processing Engineer with experience in laboratory testing, leaching, beneficiation, and FAAS analysis. Certified through industrial training and proficient in MATLAB, SuperPro, Modsim, and Minitab for metallurgical data analysis projects.



LOCAL AND INTERNATIONAL PARTNERS

Afrilime Mineral Processing Solutions is committed to establishing strategic and robust relationships with both local and international specialist consulting companies.



These partnerships enable us to provide a comprehensive range of consulting, environmental, and engineering services to our clients.

01

We collaborate on a variety of projects, including baseline studies, design, construction management, and joint ventures, working with partners that range from large international players to niche market specialists.

02

These collaborations strengthen our capacity to deliver high-quality, sustainable, and innovative solutions across the mining and mineral processing sectors.

Processing solutions that power African growth

Our Services

Afrilime Mineral Processing Solutions provides a comprehensive range of engineering and environmental services to support mining and mineral processing projects. These services are designed to ensure sustainable, safe, and cost-effective operations while maintaining compliance with national and international standards. The services can be categorized into Environmental Services and Engineering Services as described below.

1. ENGINEERING SERVICES

Afrilime offers a full range of engineering services tailored to the mining and mineral processing sector in Tanzania. These services encompass the complete project lifecycle, from initial exploration and design through construction, operations, maintenance, and upgrades. By combining technical expertise, practical field experience, and a commitment to safety and efficiency, Afrilime delivers robust engineering solutions that optimize performance, reduce downtime, and extend asset life for mining clients.

- Exploration Engineering Support
- Mining Operation Engineering
- Plant Design and Process Engineering
- Plant Construction and Civil Work
- Fabrication and Repair
- Commissioning and Start-Up
- Maintenance and Reliability Engineering
- Supply of Related Materials and Equipment

2. ENVIRONMENTAL SERVICES

Afrilime delivers a comprehensive suite of environmental services tailored to the mining sector in Tanzania, focusing on regulatory compliance, impact minimization, and the promotion of sustainable practices. These services integrate regulatory knowledge, community-focused approaches, and advanced technical monitoring to provide reliable, data informed solutions across the full lifecycle of mining and infrastructure projects. .

- Environmental & Social Impact Assessment (ESIA/EIA)
- Stakeholder Engagement
- Resettlement Action Plan and Livelihood Restoration
- Environmental Permitting and Compliance
- Environmental Monitoring and Instrumentation
- Environmental Risk Management and Incident Response
- Site Closure Planning
- ESG Consulting and Due Diligence



Company Projects

S/N	Project Name & Location	Type of Service	Client	Scope / What It Involved
1.	Graphite Flotation Plant Installation Handeni, Tanga	Engineering– Mineral Processing / Civil Works	Hindva Mining Ltd	Design and installation of graphite flotation plant, including civil works, steel structures, and process water management.
2.	Shaft Sinking Project – Geita	Engineering– Mining / Civil Works	Laxmi Mineral Resources	Shaft sinking services including excavation, ground support, and pumping systems. Delivered safe access to ore body and gold production via CIP plant.
3.	Resource Estimation – Stamigold, Biharamulo	Engineering– Geology & Resource Management	Ruby International Company	Drilling boreholes in old TSF facility, metallurgical testing, resource estimation, and financial modeling. Delivered ahead of schedule with QA/QC maintained .
4.	Resource Estimation – Mpwapwa, Dodoma	Engineering – Geology & Resource Management	1 Stop Africa Limited	Drilling boreholes in probable ore reserve, metallurgical testing, resource estimation, and financial modeling for business plans and loan grants.
5.	IP Commissioning – Nyamigogo, Geita	Engineering – Mineral Processing	Best Mine	CIP plant commissioning and parameter optimization. Achieved over 92% gold recovery and profitable returns.
6.	Resource Estimation – Mirerani, Arusha	Engineering – Geology & Resource Management	Odra Resources Limited	Geologic mapping, Aeromagnetic survey, Induced Polarization (IP) survey, Drilling, Design, Construction, and Commissioning.
7.	CIP Plant Compliance Work Reports Mawemilu, Shinyanga	Environmental & Compliance	Jema Africa Limited	Achieving compliance with OSHA, NEMC, and Mining Commission TSF/CIP permits. Mineral rights acquisition in progress.

Company Projects

S/N	Project Name & Location	Type of Service	Client	Scope / What It Involved
8.	CIP Plant Compliance Work Reports Mawemilu, Shinyanga	Environmental & Compliance	Jema Africa Limited	Achieving compliance with OSHA, NEMC, and Mining Commission TSF/CIP permits. Mineral rights acquisition in progress.
9.	CIP Plant Construction – Nyakagwe, Geita	Engineering – Mineral Processing/ Environmental Compliance	Bugo Mining Limited s	Design and construction of CIP plant with civil works, steel structures, TSF, and process water systems. Environmental compliance and mineral rights acquisition ongoing.
10.	Liner Installation – Mhalo, Mwanza	Engineering – Tailings Storage Facility	Jema Africa Limited	Testing and installation of geomembrane liner for new TSF. QA/QC testing completed, liner installation progressing.
11.	Gravity Recovery Plant Installation – Nyaligongo, Shinyanga	Engineering – Mineral Processing	Alwita Gold Resources Ltd	Installation of full-circuit gold recovery plant including civil works and steel structures. Site clearance and foundation work ongoing.
12.	CIP Plant Construction and TSF – AG INC Mpomvu Geita	Compliance, Designing, Construction, and Commissioning	AG-INC limited Geita	Engineering design and early-stage construction of CIP plant and TSF. Scope covers detailed process design, site preparation, civil works, equipment installation, compliance alignment, quality control.
13.	Rafunsa Gold Project -ZAMBIA	Exploration, Mine Design, and CIP	Construction Rafunsa Gold Project	Geologic mapping, Aeromagnetic survey, Induced Polarization (IP) survey, Drilling, Design, Construction, and Commissioning.
14.	Supply of materials Barrick Bulyanhulu Shinyanga	Nelson Concentrator Lid Fabrication	Barrick Bulyanhulu	Designing and Fabrication of the knelson Concentrator lid
15.	CIP Plant Construction, Kerende Village Tarime Distict Mara Region	Engineering Mineral Processing/ environment Compliance	Kiribo Mining Co. Ltd	Design and construction if CIP plant including civil works. steel structures, TSF, and process water systems. Environmental compliance and mneral rights acquisition.



GET IN TOUCH

Stay informed about Afrilime Mineral Processing Solutions' latest news, events, and achievements. This includes:

- Company News: Project launches, awards, and new partnerships.
- Social Responsibility: Charity initiatives, community support, and environmental programs.
- Employee Engagement: Retreats, celebrations like Women's Day, and training workshops.
- Insights: Industry trends, innovations, and company developments.



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