

# GEOLOGIST

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## Professional Summary

Detail-oriented and motivated Geologist with over 2 years of practical experience in mineral sampling, GIS mapping, and mine site evaluations. Proven success working with Base Titanium Limited and the Ministry of Labour in field data collection, geological analysis, and quality assurance. Strong communication and stakeholder engagement skills, including collaboration with local communities, landowners, and suppliers. Eager to bring technical knowledge and field expertise to support raw material sourcing and quality control in the ceramics manufacturing industry.

## Core Competencies

- Geological Surveys & Mineral Sampling
- Raw Material Testing & Quality Analysis
- GIS Mapping (QGIS) & Data Interpretation
- Stakeholder Engagement (Communities, Suppliers)
- Quality Control & Compliance Monitoring
- Report Writing & Communication
- Inbound Raw Material Inspection
- On-site Monitoring & Field Supervision

## Work Experience

### Geologist Intern – Base Titanium Limited

Jan – Apr 2023

- Conducted mineral sample collection and geological logging at mining sites.
- Supported survey operations and geospatial data analysis using GIS tools.
- Assisted in laboratory testing of raw materials and report compilation.
- Participated in quality assurance activities related to mine operations.

### Ground Data Collection Officer – Ministry of Labour

Nov – Dec 2024

- • Collected and validated household data in Embakasi South to identify vulnerable populations.
- • Supervised registration under the Enhanced System Registry for social protection programs.
- • Maintained high accuracy in field reporting and data entry.

#### **Field Retention Agent – Zuku Fiber**

Nov 2022 – Jan 2023

- • Maintained client relationships and resolved technical issues to retain customers.
- • Engaged directly with clients to troubleshoot service outages.

#### **Geological Mapping Project – University of Nairobi**

June 2022

- • Mapped lithological units and produced digital maps using QGIS.
- • Compiled a detailed geological report on the mapped area's formations.

## **Education**

#### **Bachelor of Science in Geology – University of Nairobi**

2018 – 2022

#### **Software Engineering (In Progress) – Zindua School**

Apr – Aug 2025

#### **ICDL Certification – Institute of Advanced Technology**

Jan – Apr 2018

## **Technical Skills**

- QGIS & GIS Mapping
- Geological Sampling & Reporting
- Microsoft Office Suite
- ICDL Certified

## **References**

- Eric Mutua, Mine Engineer, Base Titanium Ltd | ✉ [emutua@basetitanium.com](mailto:emutua@basetitanium.com)
- Dr. Gladys Kianji, Lecturer, University of Nairobi | ✉ [kianji@uonbi.ac.ke](mailto:kianji@uonbi.ac.ke)