

Innocent Matemba

Dar Es Salaam, Tanzania - East Africa

innomatemba@gmail.com

+255 759 882 301

Core Competencies

Nine (10) years of experience on both operational, managerial and technical mining engineering working as a Mine Development Engineer, Short Term Planner, Long term Planner, Senior engineer at Geita Gold Mine with a mine contractor AUMS, Rock tools Manager with Sandvik and most currently Mine Control Superintendent with Barrick.

My experience is focused on underground mine planning and operations and mine supplies

- Developing strong customer relationships at a senior level and building effective contract teams that meet the required financial targets and contract objectives
- Short, medium and long term mine designs, planning and scheduling.
- Integration of mine Technical and operations teams in a fast-paced environment.
- 3 to 6 months forecast for drilling consumables, ground support, explosive and secondary ventilation accessories
- Optimization and maximization of Jumbo face advance to 300/month/jumbo
- Application and troubleshooting of Electronic blasting systems (I-kon II & III) in production blasting
- Profit and Loss cost forecast.
- Operational analysis to determine variations from production targets.
- Underground operation optimization in development and production.
- Underground mine production and drill and blast
- Optimization of tele remotes plans for underground production loaders.
- Underground stope evaluation

Software Competencies

- Mine2-4D/Studio 5D and EPS – Good Proficiency.
- MineCad – Good Proficiency
- Aegis – Good Proficiency
- Microsoft Office - Very Proficient in excel application (graphs presentation)

Professional Experience

MINE CONTROL SUPERINTENDENT

BARRICK – BULYANHULU GOLD MINE

Sep 2021 – To Date

- Maintain records of mining operations
- Monitor movements of underground equipment
- Coordinate activities and instruct personnel during mine emergencies
- Initiate emergency response procedures
- Monitor operations by using Newtrax Systems
- Acknowledge and report faults within processes
- Data entry into PowerBi
- Monitor personnel movement underground via Newtrax tracking system
- Contribute to the supplies and logistics process from the stores to underground
- Assist in the growth of the Sandvik Automation reporting system
- Underground data analytics
- Long term planning for Automation level infrastructure
- Report to the mobile fleet maintenance foreman on all planned and unplanned work regarding the automation system.

ROCK TOOLS MANAGER

SANDVIK TANZANIA – MWANZA

Nov 2020 – Sep 2021

- Developing strong customer relationships at a senior level and building effective contract teams that meet the required financial targets and contract objectives
- Ensuring all contract sites under their responsibility conduct work in compliance with Sandvik Environmental, Health & Safety policies and procedures.
- Ensuring the profitable control of each contract site.
- Ensure that all KPI's established for the contract are met.
- Mentor and develop personnel operating within the Rock Tools Contract business with the objective to encourage and facilitate future career advancement within Sandvik.
- Work with the contract Managers at each site to regularly review rock tool product usage data and identify any opportunities for improvements.

SENIOR MINING ENGINEER

African Underground Mining Services – AUMS at Geita Gold Mine

April 2016 – Nov 2020

- Involved in optimizing underground development operation and achieving a record of 742m with a single boring jumbo in September 2019
- Responsible for drill design and charge plan for slots of 20m in height drilled by longhole machine (solo) for opening blind stopes with a single shot
- Capturing operational costs and preparation of monthly claim as per contract
- Prorating production physicals for profit and loss cost forecast
- Involved in production milestone of trucking 1.1 million tonnes per year in 2018
- Prepare accrual report based on consumption of explosive, fuel, drill consumables, maintenance costs, labour costs, sub-contractor costs and site overhead costs for the client every month
- Involved in infrastructure layouts in designing and preparing all underground services reticulations including electric services, ventilation services and dewatering services.
- Prepare drill and blast design and evaluation of underground stopes.
- Involved in logging and firing using Ikon technology for opening production stopes by slots or massive ring blasts
- Conducting quality checks on development and production blasts, check on blast performance and advice on areas of improvement in conjunction with Orica Technical service department
- Assist in training the workforce on application of explosive for safe practice and efficient blasting
- Involved in application of different explosive product trials, measure their performance and propose the most suitable product.
- Prepare and maintain explosives forecasting system
- Optimize development design, stoping and scheduled rates of advance and tonnes to enable achievement of the annual plan
- providing and coordinating effective short-term plans and schedules
- liaising with Mine Technical Services, Geology and Process plant regarding grade and tonnage requirements
- ensuring effectiveness and safe productivity of the mine
- monitoring actual performance against targets and taking corrective action to

maintain targets collect and analyze daily production data carry out engineering projects as required

- Improving Mine standards, providing safe, timely, efficient and cost-effective designs for production stoping
- Support Mine and Survey with required development plans and design commentaries for planned stopes
- Provide planning and design of auxiliary services, such as egress, ventilation, electrical, drainage, water supply, compressed air
- Complete Production Schedules and identify the major constraints and possible solutions
- Monitor performance of production operations and identify areas of improvement
- Provide progressive development of mining operations through
- keeping up to date with new developments in techniques and data processing
- reviewing and implementing new techniques and procedures that will streamline the process

LONG TERM PLANNING ENGINEER

African Barrick Gold Mine - Bulyanhulu Gold Mine

August 2014 to February 2015

- Preparing two years and five years mine forecasts reports.
- Determining the life of mine considering different scenarios i.e. fluctuation of gold price, comparing costs of different mining methods.
- Advice operation team a proper mining sequence to achieve weekly plans and monthly plans.
- Preparations of compliance reports and circulate it to the stakeholder for performance review and measurements.
- Attend meetings with management on future production and the major setbacks that will affect the forecast.

MINING ENGINEER

African Barrick Gold Mine - Bulyanhulu Gold Mine

June 2014-August 2014

- Design of longholes stopes, prepare production schedules.
- Design production rings and prepare layouts for drill and blast team to implement.
- Produce conceptual stopes plans and corresponding extraction sequences.
- Developing yearly forecast and schedules which ties with the budget for the mining team to meet.
- Planning on weekly basis the short-term production schedule by including all elements of the production cycle.
- Communicating the objectives of the short term or weekly plan to geologists, mine superintendent, mine captains and shift supervisors to ensure short term targets are being clearly identified and met.
- Liaising with long term planning engineers to identify and assist in developing long term production goals and targets.
- Link site operating plans to the agreed long-term strategies and ensuring they are consistent and workable.
- Training and assisting graduate engineers with short term planning and scheduling issues.
- Reconciliation and documentation to high technical standards and providing written documentation and reporting in relation to the overall mine performance.
- Preparation of mine costs reports and presenting to mining manager.

UNDERGROUND DEVELOPMENT AND NARROW VEIN

ENGINEER African Barrick Gold Mine - Bulyanhulu Gold Mine

September 2012 to June 2014

- Provide the mine department with development designs and schedules in a timely manner to ensure safe, optimal production.
- Provide input for yearly plans, schedules, budgets and forecasts.
- On a monthly basis, update all three-dimensional wire frames as they pertain to the development areas.
- Attend morning meetings with the Mine Captain and Shifters in charge of the development areas and discuss upcoming daily activities.

- Regularly visit underground to inspect development areas to ensure the safe, efficient development and production.
- Planning of mine infrastructure required for operational efficiency, services and mine expansion. Further establish and maintain high safety and engineering standards.
- Monitor efficiency of resources set targets to ensure safe, optimal development and production.
- Identifying and evaluating areas of technical improvement that adds value to the company.
- Provide a monthly reconciliation against the month plan / forecast and actual performance.
- Labor performance monitoring and producing performance tracking sheets for every employee.

GRADUATE MINING ENGINEER

African Barrick Gold Mine - Bulyanhulu Gold Mine
November 2011 to August 2012

- Blast holes survey
- Short term planning and scheduling
- Blasting and Explosive Engineering
- Geotechnical investigation and report writing.
- Operating Underground machines such as JUMBO, QUASAR, JACKLEG and SCOOP.

Education

Bachelor of Science in Mining Engineering
University of Dar Es Salaam
Aug 2007 – July 2011

Professional Membership

Member of Engineers Board of Registration (ERB) - (Professional Engineer No. 5581)
Member of Institution of Engineers (IET) – MIET 1870

REFEREES

GASPER LYIMO

Planning Mining Engineer

Roxgold - Burkina Faso

Gchrispin@roxgold.com

+226 65 21 66 41 - Burkina Faso

+255 765 276 817 - Tanzania

ELIMWARIA MURO

Mining Manager

Barrick - Northmara Gold Mine in Tanzania

emuro@barrick.com

+255 767 920 864

MUTEREKO MUGANDA

Mining Manager

Geita Gold Mine in Tanzania

MMuganda@AngloGoldAshanti.com

+255 686 064 198