

PRT TANZANIA INCORPERATED LIMITED.

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GOLD MINING PROCESSING BUSINESS PLAN



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1. EXECUTIVE SUMMARY

1.1 Introduction

PRT TANZANIA INCORPERATED LIMITED is located at Dar es salaam-Tanzania, along kawe beach near Times Fm

Company intend to develop 19 Primary Mining Licences for gold ore stage by stage starting with 1 Primary Mining Licences which is located at kigosi, Bukombe district-Tanzania which belong to Shazda Laurent Sangu through Joint venture,we are in the Primary stage to start the development process for the (1) Primary Mining Licence, form September 2025.

We have done individual preliminary sampling which shown positive presence of gold.

We have collected some samples and tested to the Government laboratory that indicated (2.72 ppm) this has given us a starting point to keep more exploration process to start mining Gold and setting a Gold CIP and CIL Plant. The project will be managed by both parties 50/50.This Gold processing mining project aiming to extract gold from 90% to 95% through CIP and CIL Plants.

Building up Gold CIP and CIL Plants will lead to extract almost gold nearly from 90% to 95% that will increase revenue for both Parties, since we will be processing all the products from the mining and the tailings around mining site and neighbouring village from small scale miners.

1.2 Industry overview

Small scale miners extract only 30%-40% of gold from traditional processing, this project tend to process remaining percentage for gold in the tailing that will increase their revenue, government as well will increase its revenue through service Levy Taxes and Royalties.

The company will keep developing the remaining licences with father primary exploration to sustain extraction process with compliance with the regulations and environmental standards.

Company will contribute to the local economy by providing employments also local supply of some materials needed in the projects.

Government will increase it's revenue through tax (payee and SDL) Royalties' and service levy after starting production to extract gold

The project is expected to provide employments, local supply of some materials needed in the projects and contribute to the local and national economy through taxes, royalties, and community investments.

1.3 Opportunities

Growing demand for gold globally, leading to potential for increased exports.

Relative underdeveloped gold mining industry, providing opportunities for investment and growth.

Government support for the mining industry, including tax incentives and investment in infrastructure.

Mining industry is growing day by day, gold is leading for foreign earning through export.

The mining sector involves both large-scale mining (LSM) and artisanal & small-scale mining (ASM) operations. ASM is undertaken by individuals or groups with limited equipment and often informally. Ministry of Minerals is the regulator of mining activities in Tanzania.

The gold trading business in Tanzania is mainly done through exportation to different destination (eg.DUBAI) some sold to jewelry manufacturers and by law 20% of gold production selling to central bank (BOT).

Licensed gold dealers and traders usually develop business relationship with artisanal & small scale gold miners by facilitating them some technical Support to secure supplying channel as well,company's future plans will associates with small miners by opening buying centres to facilitate on gold trading, processing and tailing processing.

Project will increase the supply of gold in the Market due to production and processing of gold.

2. PROJECT OBJECTIVES.

2.1 Gold mining and processing gold ore.

This project aim to establish a small scale CIP processing plant,gold mining and gold trading to increase revenue, profit and improving gold processing.capita gai as well as employment opportunities.

Projected to process more than 9,360 tons of ore that will lead to produce more than 30,000 grams of gold per year. Source of input will be from tailings and mining.

Company will hire key personnel for the operation, to have strong partnership with miners and other suppliers to establish win win investment opportunities.

Rich deposit of gold in the country, providing a secure source of material for this project.

The project will utilize both open-pit and underground mining methods,advanced technologies and equipment will be employed to ensure safety, efficiency, and minimal environmental impact.



i.e crusher sample.

The project aim to process all the neighbouring tailing from artisanal & small scale gold miners with special agreements where company will facilitate all the costs for processing in return for win win situation depending on the tailing test result.



i.e. sample tailings.

Projected revenue

Projected production will be 30 to 50 tones' per day at early stage, the capacity will increase according to the expansion of investment.

Projected processing gold will be 30 tons per day

The preliminary laboratory test shows the gold content of 2.77 ppm

Projected monthly production;

$30\text{tonnes} \times 2.77 \times 26 \text{ days} \times 80\% \text{ (recovery)} = 1729 \text{ grams per month}$

$1729 \times 0.9 \text{ (purity of gold)} = 1556$

The current price ranges from 107 USD(mid July 2025)

$1556\text{grams} \times 107 \text{ USD} = 166,492 \text{ USD}$

$166,492 - 9.3\% \text{ (TRA Levy \& Royalties)} = \mathbf{151,008 \text{ USD}}$

2.2 Development of Primary mining Licences

Company will develop Primary Mining Licenses stage by stage which will include geological survey (electromagnetic survey) and gold mining processing.

Mining processing will carry on.



i.e. sample for electrical survey.

2.3. Gold trading

Gold trading business in Tanzania is mainly done through export, some sell to jewelry manufacturers and now is by law to sell 20% of gold production central bank (BOT) through licensed gold dealers.

Company will buildup business relationship with artisanal and small scale gold miners by facilitating them some technical Support to secure tailings that can be processed in the project plants, also Company will buy direct gold from small minners an sell to BOT and export as well.



i.e. Sample processed gold

3. MARKET ANALYSIS

3.1 Market determinations

Gold holds the distinction of being one of the world's valuable precious metals, used in jewellery and electronics. Its historical role as a safe haven asset for preserving value, Gold market is structured into the wholesale and retail markets.

With its long-term value gold can be turned to an investment due to increasing its value day by day. Gold price changes in the strength of the US dollar can impact the price of gold since it's priced in US dollars. US dollar is generally good for the price of gold, as it drives up demand. When the dollar strengthens, gold price can rise, lead to low demand.

Since the government of the Republic of Tanzania introduced it's law for 20% of gold production should be sold to Bank of Tanzania (BOT) strengthen local Market for Gold, Therefore there will be Governments, investors, and jewelry manufacturer in the supply chain of gold trading which will increase its value, Gold price keeps growing, This means that

forecasting future prices of gold for the next ten years is expected to indicate an increase in value, potentially resulting in profits.

World gold demand is still high due to its Value day by day.

Demands from Jewelry manufacturers, Central banks, Investors and Other sources that needs to keep Gold as investments.

There will be high Demand locally and internationally since 20% of gold production should remain to the Central Bank.

Gold which will be produced will have secured market for local market and International Market like United Arab Emirates and others, there is high driving demand.

3.2 Market structure

Physical market

This include Mining operations, Gold production and site retail of gold (buying Centre)

This is the target area where we will put all the effort on processing and production as well as mining which is driven by high demand for gold worldwide.

Financial market

Financial market is driven by factors such as interest rates, inflation, and political and economic uncertainty. The market is also influenced by supply, which comes from gold mining operations and central bank purchasing power.

3.3 Market flows

Major factor that affects gold flows is its demand, which comes from a wide range of sources including central banks, investors and jewelry manufacturers Central banks are among the largest buyer of gold in Tanzania as a way to reserve foreign exchange reserves.

Gold prices also have a significant impact on the flow of gold. When prices are high, mining companies increase production and exploration activities. When prices are low, mining companies may cut back on production.

3.4 Our target market

Investors, Central bank(BOT) and Jewelers.

Investors and jewelers may purchase all 80% of gold, central bank by law (BOT) will purchase 20% of total production of Gold

3.5 Our competitive advantages

Gold trading in Tanzania has the potential for competitive advantages due to the country's large deposits of gold ore. The mining industry in Tanzania is a significant contributor to the

country's economy, and the government has made efforts to attract foreign investment for reducing taxes and fees.

Since we will facilitate the gold processing for artisanal & small-scale gold miners, we will always have a competitive advantage to engage in opening centers for buying gold that will secure supplying quantity hence increased company profit and government revenue as well.

4 MARKETING STRATEGIES

4.1 Marketing plan

Gold sales will target local markets and international markets. This will include signing agreements with jewelry manufacturers, Central Bank (BOT) additionally.

To build good relationships with local government officials and regulatory bodies to ensure compliance with any relevant laws and regulations to secure the business.

Company will focus on expanding the project and attracting more stake holders to participate in the production chain through ,Direct investors and Partnerships. Marking team will focus on advertisement on social media and digital platform to expand project to increase production and value addition.

5 STRATEGIC PLANS & FINANCIAL PLAN.

This project will be funded by majority shareholder Director locally for the first two years, future plan to involve partnership to expand the project.

Funding will be stage by stage, repayment will be done monthly.

PROJECT MILESTONE



Year 1

5.1 Revenue

Gold production per month(26days) 90%(Purity)	1556g	
Gold world market price	107	
Monthly revenue		166,492 (USD)
Monthly revenue after tax	Less: (6% +1% +2% +0.3%) (royalties ,inspection, TRA & Levy)	15,483.756(USD) 151,008 (USD)

Revenue after tax

Descriptions	Amount (USD)
May revenue	166,492
June revenue	166,492
July revenue	166,492
August revenue	166,492
Total revenue before tax	665,968
Less Royalties ,inspection, TRA & Levy(6% + 1% +2% + 0.3%)	61,935
	604,032.976

5.2 Estimated budgeted capital breakdown

This phase will be starting stage for the implementation of the project, which will include site planning, site infrastructures, Machine installation and following up permits needed.

The process will take around 6-8 months, will include total of 19 personnel in Total and part time individual work force.

Expenses breakdown.

Site Preparation

ITEM	DETAILS	COST (USD)
Materials	Different site equipment's	3,000
Site clearing & leveling	Local contractor + community labor	10,000
Security fencing & gates	Mesh fencing, minimal LED lighting	12,000
Sub total		25,000

Infrastructure

ITEM	DETAILS	COST (USD)
Infrastructure	Surfacing road	12,000
Water supply & plumbing	Borehole drilling	10,000
Site offices	One 20 ft container (converted) + local modular office.	3,500
Sub total		25,500

Equipments

ITEM	DESCRIPTION	COST (USD)
Processing machinery	Crusher compressor & grinding	30,000
Standing generator	41KV	9,500
processing plant	CIP unit.	120,000
Smelter	smelting unit	2,000
Smelting Module:	Assorted units	8,000
Bucket loader	2units	7,700
Winch	10tons	5,000
Water system	Small size	5,000
Other equipment's	Assorted equipment's	5,000
Sub Total		192,200

Logistics & Installation

ITEM	DETAILS	COST(USD)
Sea freight (3 containers)	Discounted bulk rate	7,500
Customs & duties	5% CIF duty + streamlined handling	6,000
Inland transport & offloading	Shared-cargo contracts	4,000
Installation & commissioning	Local crew supervised by one engineer	30,000
Sub total		47,500

Direct operation cost

ITEM	COST (USD)
Office rent	500
Office expenses& salaries	11,500
Mining operation	20,000
Licences,registrations certificates & permit	23,000
XRF machine and purity machine	1,950
Office furniture& laptop	3,000
Chemical, reagent & waste management	35,000
Taxes & Leavy	1,500
Payment for government agency	1,000
Petrol & Diesel	5,044
Maintenances	5,000
Contingency facilitations	2306
Sub total	109,800

Investment Funds Expenditure

ITEM	DESCRIPTION	COST (USD)
Processing machinery	Crusher compressor & grinding	30,000
Standing generator	41KV	9,500
processing plant	CIP unit.	120,000
Smelter	smelting unit	2,000
Smelting Module:	Assorted units	8,000
Bucket loader	2units	7,700
Winch	10tons	5,000
Water system	Small size	5,000
Other equipment's	Assorted equipment's	5,000
Sub Total		192,200
Logistic and Installation	Machines	47,500
Infrastructure	Mining site	25,500
Site preparation	Site base	25,000
General expenses	Direct operational cost	109,800
TOTAL EXPENDITURES		400,000

PROJECTED PROFIT AND LOSS

Category	COSTS (USD)
Total revenue	604,032.00
Site Preparation	25,000
Infrastructure	25,500
Equipment	192,200
Logistics & Installation	47,500
Direct operational cost	109,800
Less total costs	400,000
Less working capital	100,000
Net Profit before tax	104,032

Year 2&3

5.3 Project Development

This phase based on project and mining Development, management and the team will focus on developing existing project and expansion of other licenses this will include;

5.3.1 Trading

We plan to open a buying center in the project site target is to buy not less than 20grams per day ,and monthly 520grams of gold

With average percentage(90%)

Revenue (Trading)

Production per Day (Grams)	World market price per gram (USD)	Gold content (90%) (grams)	Daily projected Revenue (USD)	Projected Revenue 1month (USD)
20	108.5	18	1953	50,778

Revenue breakdown

Gold collection per day	18g	
Gold collection per month(26days)	468g	
Gold world market price	108.5	
Monthly revenue		50,778 (USD)

Revenue (tailings & processing)

Revenue after tax

Gold production per day	81g	
Gold production per month(26days)	2106g	
Gold percentage 90% (monthly)	1895.4g	
Gold world market price	108.5	
Monthly revenue		205,607.5(USD)
Monthly revenue after tax	Less: (6% +1% +2% +0.3%) (royalties ,inspection, TRA & Levy)	19,121.5(USD) 186,486(USD)

COST

Buying gold

Gold purchase per day	20g	
Gold purchase per month(26days)	520g	
Gold percentage 90% (monthly)	468g	
Gold center market price	95	
Add (6% +1%)of world price (royalties &inspection) per gram	7.59	
Price after tax	102.59	
Monthly costs		48,012(USD)

General expenses

ITEM	COST (USD)
Office rent	500
Office expenses& salaries	12,500
Mining operation	20,000
Licences	2,000
Chemical& reagent	8,000
Taxes & Leavy	1,500
Payment for government agency	500
Petrol & Diesel	1000
Maintenances	3,000
Contingency facilitations	2000
Sub total	51000

PROJECTED MONTHLY INCOME STATEMENT (USD)

Revenue Gold (processing&tailing)	186,486
Gold sale (dealership)	50,778
Total revenue	237,264
COSTS	
Gold purchases (dealership)	48,012
General expenses	51,000
Logistics	8,000
elution plant	9,750
TFS waste management	50,000
Casual labor	2,000
Security	2,000
Facilitation	5,000
Less: total expenses	175,762
PROFIT/LOSS (Before tax)	61,502

Grand Total Initial Investment

Description	COSTS (USD)
elution plant	9,750
Tfs waste management	50,000
Logistics	8,000
Gold purchases	48,012
Total	115,762

YEAR 4&5

5.3 Geological survey

This stage company plans to develop licences to conduct an electromagnetic survey.

This phase company will carry on with geological survey and increase processing.

Projection is to process 50 tons of ore per day. $(50 \times 2.7 - 20(\text{recovery})) = 108$ gram per day

Trading also will increase to 50 grams of gold per day.

Revenue (tailings & processing)

Gold production per day	108g	
Gold production per month(26days)	2808g	
Gold percentage 90% (monthly)	2527.2g	
Gold world market price	111	
Monthly revenue		280,519.2 (USD)
	Less: (6% +1% +2% +0.3%) (royalties ,inspection, TRA & Levy)	26,430.1(USD)
Monthly revenue after tax		254,430.93 (USD)

Revenue (trading)

Gold sale per day	50g	
Gold sale per month(26days)	1300g	
Gold percentage 90% (monthly)	1,170g	
Gold world market price	111	
Monthly revenue		129,870 (USD)

COST

Buying gold

Gold purchase per day	50g	
Gold purchase per month(26days)	1300g	
Gold percentage 90% (monthly)	1170g	
Gold center market price	96	
Add (6% +1%)of world price (royalties &inspection) per gram	7.77	
Price after tax	103.77	
Monthly costs		121,410.9 (USD)

General expenses

ITEM	COST (USD)
Office rent	500
Office expenses& salaries	13,750
Mining operation& survey	75,000
Licences	2,000
Chemical& reagent	15,000
Taxes & Leavy	2,000
Payment for government agency	500
Petrol & Diesel	1500
Maintenances	5,000
Contingency facilitations	2000
Sub total	117,250

PROJECTED MONTHLY INCOME STATEMENT (USD)

Revenue Gold (processing&tailing)	254,430.93
Gold sale (dealership)	129,870
Total revenue	384,300.93
COSTS	
Gold purchases (dealership)	121,410.9
General expenses	117,250
Logistics	8,000
Legal & consultant	5,000
waste management	10,000

Casual labor	2,000
Security	2,000
Facilitation	5,000
Less: total expenses	270,660.90
NET PROFIT/LOSS (Before tax)	113,639.90

Financial Projection income (5 Years)

DESCRIPTION	2025/2026	2026/27 2027/28	2028/29 2029/30
Projected gold output	6.224 kg	24.288 kg	44.336 kg
World gold price	107,000	108,500	111,000
Annual sale projection	665,965	2,635,168	4,921,296
Total Annual expenses	500,000	2,109,144	3,247,930.8
Net Profit (Before Tax)	165,965	526,024	1,673,365.2

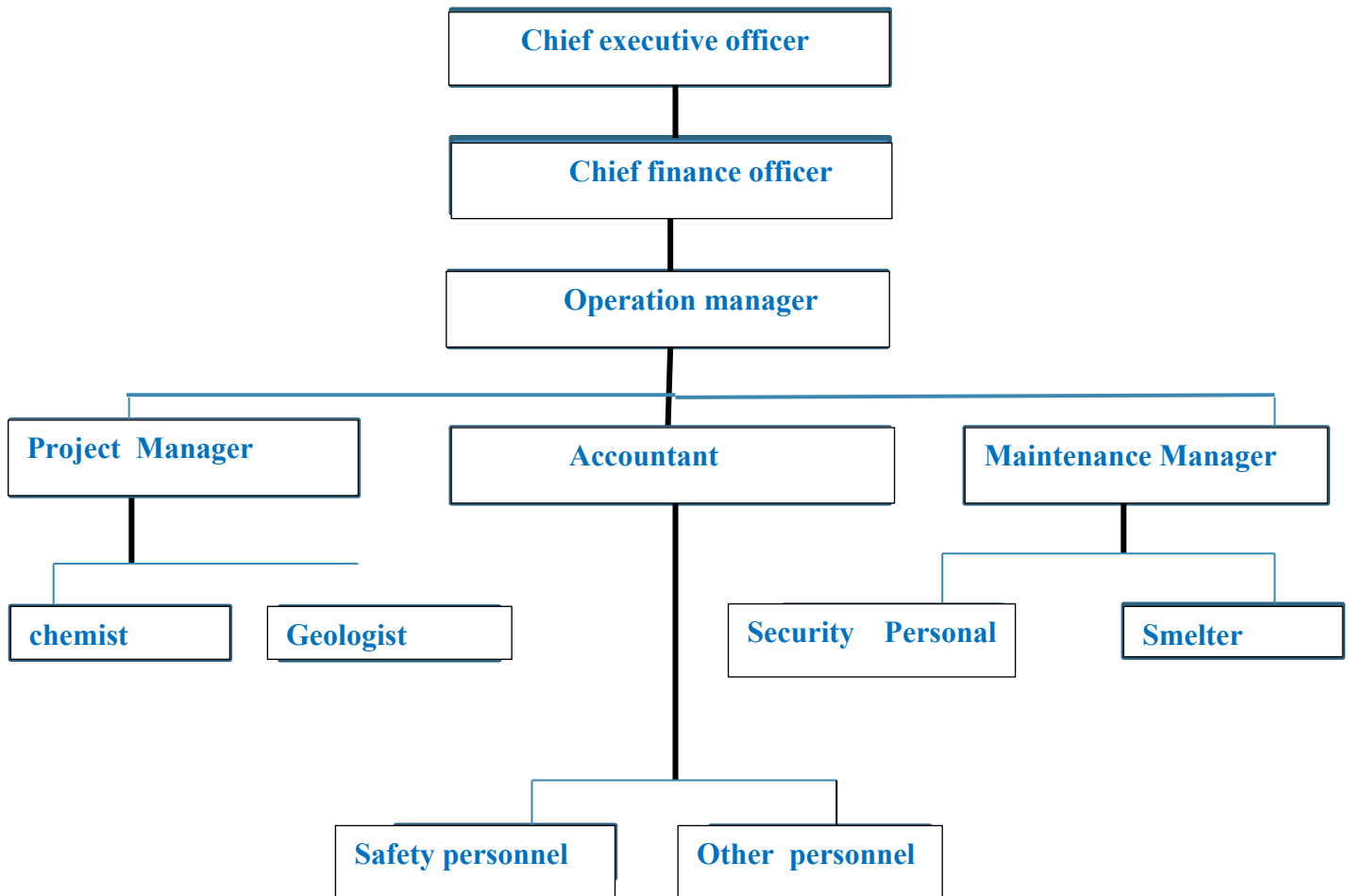
N;B. Above statement depreciation and taxes are not included

Figure in USD.

6 MANAGEMENT AND ORGANISATION

Refers to the group of individuals and team members who will be responsible for daily activities during this project.

6.1 ORGANISATION CHART



Chief executive officer

Roles and responsibilities

- Standing for company's **vision, mission, and long-term goals**. Innovation strategies and growth opportunities.
- Day-to-day business operations through head of departments ensuring that company resources (people, capital, assets) are used efficiently and approve major operational ,financial plans ,investment,decisions, policies, and procedures.
- Build and lead the executive team project expectations and ensure accountability, build relationships with key stakeholders: board of directors, investors, [regulators and authorities for better understanding.

- Ensure legal and ethical compliance in all areas of operation to meet industry requirements, market expansion adapt the company to technological advancements or changing markets, during periods of uncertainty or crisis communicate clearly with internal and external audiences.

Chief finance officer (CFO)

Roles and responsibilities

- **Processing Payments:** The primary responsibility of a cashier will be to process payments from customers using a cash register or other payment processing system. This includes handling cash, credit and debit cards, and other payment methods.
- **Providing Customer Service:** Cashiers will often serve as the first point of contact for customers, so they must provide excellent customer service. This includes greeting customers, answering questions about products or services, and resolving any issues or complaints.
- **Maintaining Accurate Records:** Cashier will maintain accurate records of all transactions, including recording sales, processing returns and exchanges, and reconciling cash drawers at the end of each shift.
- **Ensuring Cash Security:** Cashier will be responsible for ensuring the security of cash and other payment methods. This includes following established security procedures, such as locking cash drawers and verifying the authenticity of bills and coins.
- **Maintaining Cleanliness and Orderliness:** Cashier will be responsible for keeping the checkout area clean and organized. This includes regularly cleaning the cash register and surrounding area, restocking merchandise, and ensuring that the checkout area is free of clutter.

Operation manager

Roles and responsibilities

- Developing and implementing short- and long-term mining plans, Ensure production targets are met safely and efficiently.
- Making sure company follows safety regulations and environmental standards.
Controlling and supervise overall operations
- Optimize usage of manpower and equipment for cost-effective

- Supervise site personnel including engineers, geologists, technicians, securities and other personnel

Project manager

Roles and responsibilities

The project manager will be responsible for overseeing and coordinating the various aspects of project. This may include;

- Developing and implementing project plans and timelines.
- Managing project budgets and resources.
- Coordinating and communicating with project team members.
- Identifying and mitigating project risks.
- Ensuring project deliverables meet quality standards.
- Tracking project progress and making adjustments as necessary.
- Communicating project status to stakeholders and senior management.
- Managing relationships with external partners and vendors.
- Ensuring compliance with regulations and industry standards.
- Identifying and implementing process improvements to optimize performance.

Marketing manager

Roles and responsibilities

- Developing sales and marketing strategies; the sales and marketing manager will be responsible for creating and implementing effective sales and marketing strategies that will help increase the company's revenue and market share.
- Building and maintaining relationships with customers; the manager will be responsible for building and maintaining relationships with current and potential customers to ensure that they continue to do business with the company.
- Identifying new market opportunities; the manager should be able to identify new market opportunities and develop strategies to tap into those markets.
- Managing the sales team; the manager will be responsible for managing the sales team, which includes setting targets, monitoring performance, and providing training and development opportunities.
- Conducting market research; the manager should conduct market research to identify trends, customer needs, and competitors' strategies to inform the company's sales and marketing strategies.

- Managing marketing budget; the manager will be responsible for managing budget, which includes allocating resources and managing expenses.
- Representing the company at trade shows and industry events; the manager will represent the company at trade shows and industry events to promote the company's products and services and to network with potential customers and partners.

Accountant

Roles and responsibilities

- **Maintaining Financial Records:** One of the primary roles of an accountant will be to keep accurate and up-to-date financial records of the organization. This includes recording transactions, maintaining ledgers, preparing financial statements, and creating reports to assist in decision-making.
- **Analyzing Financial Data:** Accountant will be responsible for analyzing financial data to provide insights into the financial health of the organization. This includes analyzing financial statements, creating budgets, and identifying areas for cost savings and revenue generation.
- **Ensuring Compliance:** Accountant will be responsible for ensuring that the organization complies with financial regulations and laws. This includes preparing tax returns, maintaining compliance with accounting standards, and ensuring that financial statements are accurate and complete.
- **Advising Management:** Accountant will play a critical role in advising management on financial matters. He/she will provide insights and recommendations based on financial data, which help management make informed decisions that affect the future of the organization.
- **Managing Financial Risk:** Accountant will be responsible for identifying and managing financial risks to the organization. This includes assessing the financial impact of potential risks, creating contingency plans, and monitoring the organization's financial performance to identify potential risks.
- **Providing Financial Education:** Accountant may also be responsible for providing financial education to employees and other stakeholders. This may include training on financial systems, budgeting, and other financial topics to improve financial literacy and support the organization's financial goals.

Chemist

Roles and responsibilities

- **Analyzing Gold Samples:** Chemist will be responsible for analyzing gold samples to determine their composition, purity, and quality. This involves using specialized equipment and techniques, such as fire assay and atomic absorption spectroscopy.
- **Developing New Processes and Techniques:** Chemist will be responsible for developing new processes and techniques for extracting and refining gold. This requires a deep understanding of chemistry and the ability to apply that knowledge to practical problems.
- **Ensuring Compliance:** Chemist will comply with environmental, health, and safety regulations, as well as industry standards for the production and sale of gold. This includes maintaining accurate records of chemical use and waste disposal, ensuring that all laboratory equipment is properly maintained and calibrated, and complying with all applicable laws and regulations.
- **Quality Control:** Chemist will be responsible for ensuring that the gold they produce meets the required quality standards. This includes conducting quality control checks on finished products, monitoring the production process for any deviations from the norm, and ensuring that all products are properly labeled and packaged for sale.
- **Providing Technical Support:** Chemist will be responsible for providing technical support to other departments within the organization. This includes answering questions about chemical processes, troubleshooting problems with laboratory equipment, and providing advice on chemical safety and handling.

Geologists

Roles and responsibilities

- Analyze geological data to determine ore types and content.
- Conduct several sampling ore body
- Conduct sampling for different tailing samples
- Prepare geological maps and reports.

Metallurgy

Roles and responsibilities

Deals with formulations and improve existing processing plant and conduct mechanical, chemical, and microstructural tests.

- Ensure type of soil and which process to be used, and meet in standards
- Perform soil analysis to determine its compositions.

- Designing and controlling processing plant, Smelting process and other related in the process. (i.e. whole plant process on which chemical to be used and its proportion)
- Ensuring efficiency, safety, and environmental performance in processing.
- Innovate new methods for extracting, refining and water treatment collaborate with engineers and scientists.
- Making sure all metallurgical processes comply with safety regulations and environmental standards, handle and dispose of hazardous substances responsibly and designing processes to reduce loss.
- Prepare technical reports and presentations for stakeholders collaborating with Mining engineers, Mechanical engineers Quality teams and Production teams.

Maintenance manager

Roles and responsibilities

- Maintenance and repair of all mining equipment's, machineries and other tools, coordinates maintenance team and their daily operations.
- Control maintenance costs and inspect machinery regularly and ensure safety standards are met.
- Keeping maintenance records and machinery logs books.
- Secure stocks of all spare parts and tools needed in the operation,
- Conducting training on proper use and care of machinery

Security personnel

Roles and responsibilities

- Monitoring all ongoing and outgoing for personnel, vehicles, and materials for identification and verify authorization as well to operate security gates, metal detectors, and surveillance systems.
- Monitoring CCTV cameras and alarm systems respond quickly to alarms emergencies and incident until emergency services arrives, Reporting incidents occurs.
- Complies with safety regulations (PPE, fire safety, etc.) protecting company's property, equipment, and materials from theft or sabotage and monitoring the whole area.
- Issuing gate pass for visitor and escorts where is needed.
- Guidance for safety protocols.

- Recording ongoing and outgoing entries, patrol timings, and any unusual occurrences.
- Report to supervisors or law enforcement for any incident, escorting unauthorized personnel or individuals who misbehave

Safety Personnel

Roles and responsibilities

- Compliance with health and safety regulations.
- Promote a safety-first culture across the site.
- Conduct appropriate safety training for staff.
- Monitor work areas with safe conditions, toolbox talks and safety drills.
- Prepare safety reports and documentation for regulatory bodies.
- Report and investigate when accidents occurs

Smelter

Roles and responsibilities

- The primary responsibility of a gold smelter will be to extract gold from raw materials such as ore or scrap gold, using smelting techniques. This process involves heating the materials to high temperatures to separate the gold from other metals and impurities.
- Testing and Assaying: Gold smelter will also be responsible for testing and assaying the purity of the gold they extract. This involves using specialized equipment and chemical tests to determine the quality of the gold and ensure that it meets industry standards.
- Maintaining Equipment: Gold smelter will be responsible for maintaining and repairing the equipment used in the smelting process. This includes monitoring the equipment for wear and tear, making necessary repairs, and ensuring that it is operating at peak efficiency.
- Managing Inventory: Gold smelter will be responsible for managing the inventory of raw materials, finished products, and other supplies needed for the smelting process. This includes ordering materials as needed, monitoring inventory levels, and ensuring that there is always an adequate supply of materials on hand.
- Ensuring Compliance: Gold smelter will comply with environmental, health, and safety regulations, as well as industry standards for the production and sale of gold. This includes maintaining accurate records of the smelting process, ensuring that waste materials are disposed of safely, and complying with all applicable laws and regulations.

- Quality Control: Gold smelter will be responsible for ensuring that the gold they produce meets the required quality standards. This includes monitoring the smelting process for any deviations from the norm, conducting quality control checks on finished products, and ensuring that all products are properly labeled and packaged for sale.

Other personnel

Roles and responsibilities

- Design and optimize mine plans for efficient extraction of gold
- Ensure mining operations follow technical specifications and safety.
- Oversee blasting processes and safety
- Develop mine layouts and monitor progress.
- Operate machinery such as excavators, loaders, and dump trucks.
- Follow operation schedules and safety procedures.
- Equipment checkups and report if there is any issues

7. RISK ANALYSIS

7.1 Environmental and Social Impact

Company will comply with Environmental and Social Impact Assessment (ESIA) in compliance with local and international regulations. The project includes mitigation plans for biodiversity, water usage, dust suppression, and community engagement

Environmental and social concerns surrounding gold mining, leading to regulations and restrictions

7.2 Positive impacts

- Increased foreign investment in the mining sector, leading to growth and development.
- Development of new mines,
- Increasing production lead to increase in exports.

7.3 Negative impacts

- Environmental and social concerns surrounding gold mining, leading to regulations and restrictions

7.4 Risk factors

Conditions imposed by government

Accident or an environmental damage

Inadequate maintenance of plant, machines and equipment's.

Company will follow the necessary measures to reduce risks

Careful selections of company's personnel, time to time training and equip them with potential skills.

Creating working agreements on each step with legal expertises on mining industry.

Upgrading our processing technologies to improve recovery while minimizing cost.

8 SITE MAPS CONCESSION

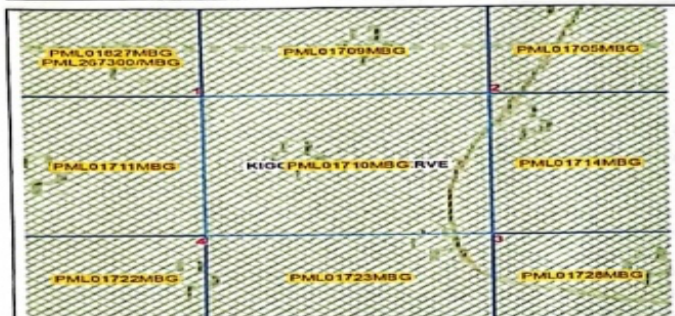
PML01710MBG

ANNEX A

DESCRIPTION OF THE PRIMARY MINING LICENCE AREA

The Primary Mining Licence is at Kigosi area in Bukombe District, QDS 61/2 defined by the following corner co-ordinates (Arc 1960):

Corner	Latitude	Longitude
1	- 03 deg. 31 min. 11.17 sec.	31 deg. 49 min. 24.20 sec.
2	- 03 deg. 31 min. 11.17 sec.	31 deg. 49 min. 34.20 sec.
3	- 03 deg. 31 min. 21.17 sec.	31 deg. 49 min. 34.20 sec.
4	- 03 deg. 31 min. 21.17 sec.	31 deg. 49 min. 24.20 sec.



Legend	
Licensed area	
License Number	PML01710MBG
District	Bukombe
Direction	

An area of approximately 9.48 Hectares.

ANNUAL RENT PAYMENTS

Year	ERV	Amount (TShs.)	Date	Signature & Stamp

ABBREVIATION

CIP	Carbon In Pulp
ASM	Artisanal and small-scale Mining
BOT	Bank of Tanzania
USD	United State Dollar

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