



THE BUSINESS PLAN

**FOR
ASHASCAM MINING COMPANY LIMITED**

September, 2021 to September, 2024

Prepared by,
Aaron, Henry Julius
P.O.Box 589 Buswelu/Bulola "A".
Mwanza, Tanzania.

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1.0 EXECUTIVE SUMMARY

The purpose of this business plan is to showcasing operations of the company and the expected financials over the next three years.

Ashascam Mining Company Limited. (“**The Company**”) is a Mwanza based private owned that will excavate different minerals (Iron ores, other non-ferrous metal ores, and hard coal, lignite, and chemical and fertilizer minerals.), extraction of crude petroleum, natural gas and peat.

Manufacture of jewelry and related articles, chemical products, of imitation jewelry and related articles.), from leased mines within the United Republic of Tanzania.

The Company was founded by Tanzanians.

1.1 Products and Services

As stated above, the Company intends to purchase modern equipment/tools for gemstones and mining extraction.

The business will then develop minerals on these properties with the intent to extract, smelt, and package them for sale onto the open market. The initial capital sought in this business plan will allow the business can continue to acquire land lease while concurrently sourcing the equipment needed to operate a moderate sized mining operation. It should be noted that at all times, the business will comply with all applicable, state, and local laws (including OSHA) in order to ensure the safety of all employees working at the mining site.

The third section of the business plan will further describe the mining operations conducted by **Ashascam Mining Company Limited.**

1.2 The Financing

At this time, **Ashascam Mining Company Limited** is in withstanding of the total capital of 650,000,000/= (Six hundred fifty million) funds for the development of the Company’s mining operations.

1.3 Mission Statement

“We are a responsible mining company that discovers and processes minerals and energy resources for the use of society”.

This means **Ashascam Mining Company Limited** mission is to cost effectively extracts minerals from known precious metal deposits with the intent to sell them to the open market.

1.4 Management Team

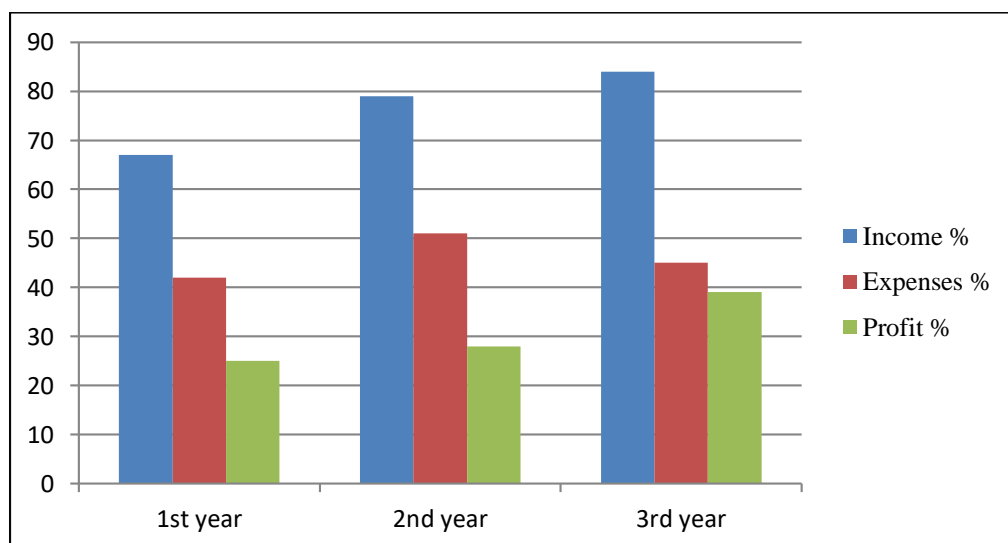
The Company was founded by Tanzanians;

- 1) Amina Sittu Said,
- 2) Henry Julius Aaron,
- 3) Sebastian Christopher Masuja, and,
- 4) Amiri Mussa.

Together they hold an experience of more than three (3) years in mining sector. Through their expertise, they are able to bring the operations of the business to profitability within its continuous years of operations.

1.5 Sales Forecasts

Ashascam Mining Company Limited expects a strong rate of growth in the current and continuous operations. Below are the expected financials over the next three years.



1.6 Expansion Plan

The Founders expects that the business will expand during within coming three years of operation. As the business becomes profitable it will make substantial reinvestments into **the Company's** mining infrastructure. Additionally, the Company may seek to acquire additional land leases on proven grounds for mining extraction.

2.0 THE COMPANY AND FINANCING SUMMARY

2.1 Registered Name and Corporate Structure

Ashascam Mining is the registered company since 2019 by Government of Tanzania. The business is registered as a for profit corporation in the United Republic of Tanzania.

2.2 Funds

At this time, the Company's capital is estimated worth of TSh. 650,000,000/= (Six hundred fifty million) which enables the company to acquire modern equipment e.g.; air compressor, explosives, forward gaus, mining underground winch etc., that will make operations easier to facilitate access to minerals easily.

2.3 Exit Strategy

The Management has discussed and planned for the possible exit strategies.

- Bond of a mining license number 0567TNG.
- The strategy would be to sell the Company to a larger entity at a significant premium. Since, the precious non-ferrous metal ores, hard coal, lignite, chemical and fertilizer minerals. Mining industry maintains a moderately low risk profile once the business is established; the Management feels that the Company could be sold for ten to fifteen times earnings.

3.0 PRODUCTS AND SERVICES

As stated in the executive summary, the Company intends to advance its operation from uses of local tools to modern/advanced equipment purchases and to operate in; iron ores, other non-ferrous metal ores, and hard coal, lignite, and chemical and fertilizer minerals capacity. Prior to the onset of operations, **Ashascam Mining Company Limited** will have acquired a land lease on a property that is known to have mineral's deposits. At this time, it is clear as to the method that **the Company** will use in order to extract those minerals. The most profitable method of extracting would be to drill an existing ruby mine facility with the intent to pan deposits from the underlying soil. This manual method of acquisition would provide the greatest return on investment for the business.

The Company, depending on its Gemstone, rhodolite and Red Garnet Gemstone based in Kilwa ward at Kilindi district in Tanga region, may engage in sluicing/dredging as the land is known to have a significant amount of gems that is buried deep within the ground. We are also sourcing the necessary equipment so that the business can continue its operations once the modern tools/equipment has been purchased.



Pictures showing currently used tools in gemstones extraction.



Pictures showing currently used tools in gemstones extraction.

3.1 Ashascam Ruby Project

The project is allocated at Kilwa village, Kilwa ward.

Kilindi district Tanga region, the site can be accessed through Handeni-Kilindi rough road about 52 kilometers from Handeni to Kilwa village at the project site, the project has the potential for Gemstone, rhodolite and Red Garnet Gemstone occurrence based on the naked eye observation through ongoing explosion and mining activities from both fresh and weathered rock samples on shallow depths with Gemstone being the primary target.

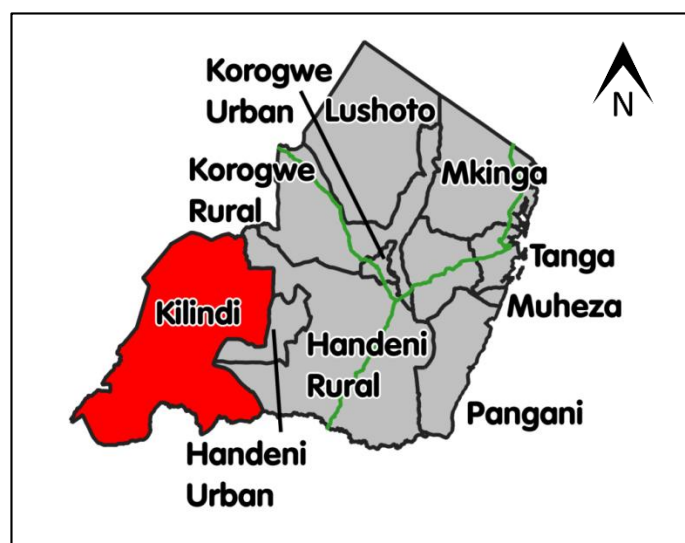
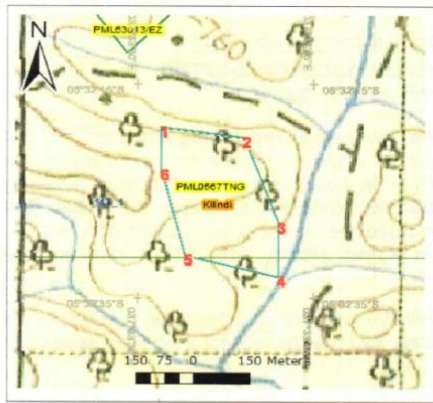




Figure 1: Map of Kilindi District showing the project area in Tanga region

Source: Survey Department, 2020 Ministry of Land, Housing and Land Development



An area of approximately 9.59 Hectares.

Legend	
Licensed area	
License Number	PML0567TNG
District	Kilindi
Direction	

The Ruby Project mining facility will also have all of the necessary chemical treatment and smelting equipment to allow the business to shape its collected gemstones and related into different weights for resale to the open market.

3.2 Project Geological Report

ABSTRACT

- This report explains well on the work happened at Ashascam Mining Ruby Project in February 2021, which is small scale under underground mine.
- The report consist of continuation of the mine and geological work which occurred in January 2021, the goal of these reports is to create final project from compilation of these reports.
- Among these mine and geological work was to obtain trend and orientation of the host rock, To analyzed boudin structures associated with ruby, sorting technique, to gives geological description from the obtained samples.
- To guide methods of extraction, Drilling, Blasting technique, sampling and sample storage.

DRILLING AND BLASTING



- After blasting at the west face different sizes of rock blocks produced followed by muck and grab sampling.
- Then rock blocks thrown to the first level by spade and rolled to the dumping site.



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SEEPAGE



- At the area there two types of rocks which are Amphibolite rock with low porosity and compacted Silt with high porosity so water flows from one place to another via small holes during heavy rainfall.

HOST ROCK

- Ore deposits occur in Amphibolites rock with general trend and orientation of the host rock during February shows complex synformal and antiformal structures with general east to west trending axes that swing towards the southeast.
- Ore deposits due to disruption of layers and quartz foliation planes within Amphibolites mass in response to bulk extension along the enveloping surface and hence create boudinage structures appearance.

...HOST ROCK

- **Sample** obtained from amphibolite rock segment (photo from previous slide) **after** size reduction process was observed in this photo



SAMPLING

- Variety of sampling process occurred appropriate to the specific situation aimed to generate the best representative trend of the ore body and mine production.
- Sampling process at second level performed after occurrence of underground trenching technique.
- Underground trenching employed to expose steep dipping of host rock aimed to see more complete picture of the host rock.

...SAMPLING

- The walls of the trenches sampled by channel cut by using carbide tip hand point for comparing with results of stack sample to fix the mineral boundary.
- At second level sampling process occurred mainly by channel, grab and muck sampling then labeled.
- After sampling process those sample collected for mine production stored and locked in storage box.

DESCRIPTION OF THE SAMPLES

- Based on naked eye observation rock samples obtained are associated with Mica, Biotite, Amphibolite, quartz minerals
- At the area economically mineable mineral ore recognized as Ruby but when apply geological methodology from obtained ore samples, gives different ore name.
- However this is due to the level of maturity of host rock which increase towards matured layer which is south-east and bottom face.

...DESCRIPTION OF THE SAMPLES

- These geological methodology applied was observation of color and hardness which differ to Ruby and give the name of **rhodolite garnet**.
- **Color** of samples obtained at second level mostly ranging from pink to purplish-red while Ruby supposed to be deep-red slightly purplish-red.
- **Hardness** of samples obtained at second level is not resilient to damage as Ruby.
- So *Petrographic analysis is very important to be performed for ore identification.*

RECOMMENDATION

- Further study should be done in petrographic examination aiming in mineral identification and rock strength identification aiming in determine if the waste rock at dumping site can be used as aggregates for construction purpose.
- Loading and transportation technique should be improved so as to avoid time consuming and in order to increase the production of the mine.

REFERENCES

- Ben D. Goscombe, C. W. (2003). Boudinage classification: end-member boudin types and modified boudin structures. *Journal of Structural Geology* , 739–763.

3.2 Schedule

A combined pre-production schedule recommended by the company that resuming September 2021 to September 2024 making it a three years plan of exploration, mine site development and production. Mine closure schedule was note included but plan is the last two years of mineral right should be used of mine closing preparations and rehabilitation.

Task name	Duration (month)	Start	Finish	Mined tones	2021	2022	2023	2024
Surface infrastructure								
Camp and office installation.	12	Sept, 2021	Sept, 2022	0				
Surface site cleaning and clearance	6	June, 2021	Dec, 2021					
Access roads								
Surface roads clearance.	6	Oct, 2021	April, 2022	0		April, 2022 to	Nov 2023	
Surface pipelines installation.	6	Oct, 2021	April, 2022					
Surface and underground power distribution.	60	Jan, 2021	Sept, 2024					Sept, 2024
Compressed air system to underground installation	6	June, 2021	Dec, 2021	0				
Mine development								
Underground shaft excavation and construction. (shaft #1)	12	June, 2021	June, 2022	1700				
Underground shaft excavation and construction. (shaft #2)	6	Dec, 2021	June, 2022					
U/G material handling system installation	12							
Main pumping system	3	Dec, 2021	Feb, 2022					
Levels/tunnels access and development.				Depending on Exploration Extension				
Production								
Production							Nov, 2023	

Initial 3 years schedule for Ashascam Ruby Project.

4.0 STRATEGIC AND MARKET ANALYSIS

4.1 Economic Outlook

This section of the analysis will detail the economic climate, the Ruby Project mining industry, the customer profile, and the competition that the business will face as it progresses through its business operations. Currently, the economic market condition in the United Republic of Tanzania is moderate. However, mines operate with great economic stability as it is a product that is in continued demand. This is especially true in today's economic environment as inflation has pushed the per ounce price of gold up substantially over the last 12 months. As long as commodity prices continue to rise, the business should have no issues producing a continuous profit from its ruby and related mining operations.

4.2 Industry Analysis

Gemstones beneficiating and quarrying of precious metals is a Tanzania shillings eighteen billion (Tsh. 18,000,000,000/=) a year business in the United Republic of Tanzania.

Within the industry there are over 300 domestic providers of gemstones operations that operate within more than 20 regions. The industry employs more than 15,000 people.

The growth rate of this industry has been tremendous with the recent resurgence of inflation. The prices of gemstones (and other precious metals) have increased substantially as investors have sought the safe haven of commodities in lieu of the falling value of the Tanzania shilling.

This demand is expected to remain strong in the face of inflationary pressures.

4.3 Customer Profile

As **Ashascam Mining Company Limited** intends to sell its gemstones, rhodolite and red garnet directly to wholesalers in the open market, is it difficult to determine the "average customer" of the business. Any company or individual engaged in the buying and selling of minerals is a potential buyer for the Company.

4.4 Competitive Analysis

A key factor for our unrivaled market research accuracy is our expert- and data-driven research methodologies. We combine an eclectic mix of experience, analytics, machine learning, and data science to develop research methodologies that result in a multi-dimensional, yet realistic analysis of a market.

Gemstones are elements of minerals which when polished and cut are used for making jewelry and other ornaments, as well as for decoration purposes. Certain rocks or organic materials that are not considered as minerals are also consumed in making jewelry products and are hence considered to gemstones as well. While most of the gemstones are hard in nature, certain soft minerals are used in making jewelry owing to their luster and other properties exhibiting aesthetic value.

The global demand for gemstones has been significant owing to consumers opting for purchasing medium priced gem products via certain platforms such as home shopping through television marketing. While the mid-ranging consumers prefer towards purchasing discounted products, top consumers are opting towards investing in jewelry and gems.

Moreover, certain factors such as fashion designers focusing towards developing innovative jewelry products as well as manufacturers becoming vertically integrated involved in developing gemstones as well as jewelry are contributing towards the growth of the gemstones market.

Moreover, rising awareness regarding the benefits of shopping from organized retail by implementing various promotional strategies and advertisements has also led to increasing consumption of jewelry which has further contributed towards the demand for gemstones in East Africa region and other regions.

In addition, increasing use of gems as an individual feature for decoration purposes is also expected to contribute towards the growing consumption of gemstones.

However, factors such as rising labor charges as well as inflation impacting the prices of jewelries are thereby expected to negatively affect the growth of its raw materials such as gemstones.

5.0 MARKETING PLAN

The marketing campaigns required by Ashascam Mining Company Limited are minimal as the business will sell its mined precious metals and gemstones directly to the open market. As such, it is imperative that any marketing expenditures undertaken by the Company focus on developing relationships with gemstones, precious metals and related wholesalers and property management firms that will seek and lease land to the business.

5.1 Marketing Objectives

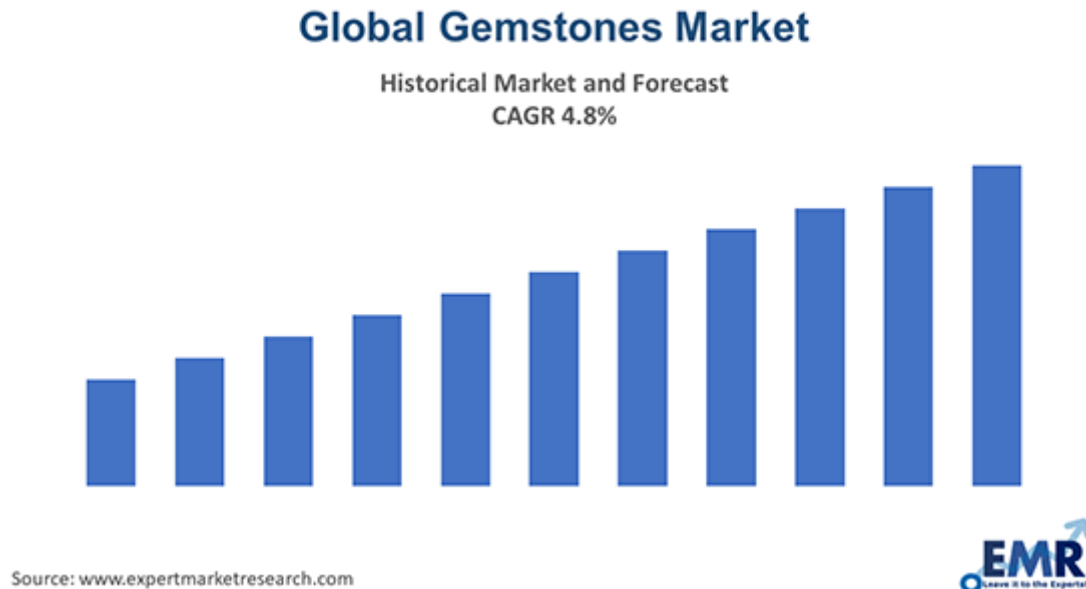
- To develop relationships with specialty property management firms that will sell modern equipment to the business for its mining operations.
- Establish relationships with wholesalers within the targeted market.

5.2 Marketing Strategies

Prior to the onset of operations, Ashascam Mining Company Limited will develop ongoing purchase order relationships (based on market prices) with national and international dealers and wholesalers that will acquire the Company's inventory of mined gemstones, red garnet, other non-ferrous metal ores, hard coal, rhodolite, chemical and fertilizer minerals . In order to complete this aspect of Ashascam Mining Company Limited marketing operations. We will directly contact well known minerals wholesalers. As these buyers are constantly searching for new gemstones and related articles sources, developing these relationships will not be an issue. Additionally, the Company will make its presence known among real estate agents and property management firms that specialize in the sale and placement of leases for land that is known to carry precious metal deposits. Much like with the gold wholesalers/dealers, Ashascam Mining Company Limited will directly contact these companies in order to develop working relationships.

5.3 Pricing

The global gemstones market is expected to grow at a CAGR of 4.8% in the forecast period of 2021 - 2026.



***CAGR – Compound Annual Growth Rate**

*(The CAGR is a mathematical formula that provides a "smoothed" rate of return. It is really a pro forma number that tells you **what an investment yields on an annually compounded basis** — indicating to investors what they really have at the end of the investment period.)*

Focus on research and development activities towards developing innovative products as well as focus on market expansion in emerging region such as Eastern of Africa, Southern of Africa and Middle East Asia is expected to provide new opportunities for the growth of the market.

6.0 ORGANIZATIONAL PLAN

6.1 Corporate Organization

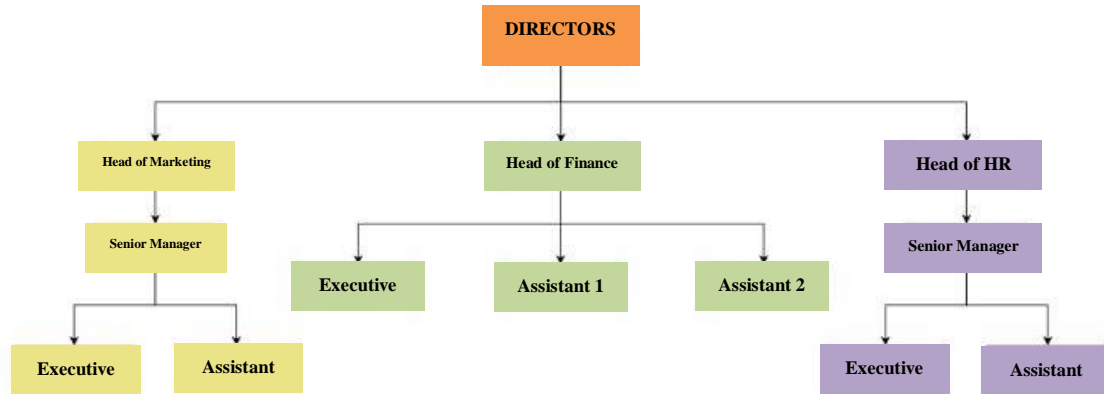


Diagram showing the organization structure.

6.2 Organizational Budget

The annual organizational budget lies in estimates of Tsh. 160,000,000/= (*Tanzania shillings, one hundred and eight million*) where by commonly and expected expenditures are in operations, including development and advancement of its activities in field and in the market.

6.3 Management Biographies

We have a team of well-known experts in business industry, with the high level of skills and knowledge and experience in the mining industry and operations.

7.0 FINANCIAL PLAN

7.1 Source of Funds

The Company has a total of 1000 shares with allocated to each shareholder and that the Company's estimated annual turnover capital stands at **TZS 650,000,000.00** (*Say: Tanzania Shillings Six Hundred Million*) only.

7.1.1 Sources and uses of funds

Source				
Owner's Equity				480,700,000
Uses/Expenses (Current and expected expenditure - period from September, 2021 to September, 2024)				
Item	Description	Qty	EpxenseStatus	Amount
Inventory	<i>Generators</i>	2 pcs	Complete	84,565,300.00
	<i>Explosives</i>		Ongoing	18,200,000.00
	<i>Digger</i>	1 pc	Complete	3,400,000.00
	<i>Air compressor</i>	2 pcs	Complete	4,800,000.00
	<i>Mining winch</i>	1 pc	Expected	15,670,000.00
	<i>Safety gears</i>		Ongoing	7,306,700.00
	<i>Crusher</i>	1 pc	Expected	15,987,000.00
	<i>Sub total</i>			
Chemicals purchases and operational costs (Current and expected expenditure - period from September, 2021 to September, 2024)				
Description	Qty	EpxenseStatus	Amount	
<i>Sodium Cyanide and related Chemicals</i>		Ongoing	40,000,000.00	
<i>Other materials</i>		Ongoing	72,800,000.00	
<i>Other operational costs (including labor charges and emergency)</i>		Ongoing	217,271,000.00	
<i>Sub total</i>				330,071,000.00
GRAND TOTAL				480,000,000.00
KEY; COMPLETE = Complete purchases, ONGOING = Ongoing expenses, EXPECTED = Expected but not implemented expense(s)				

7.2 Sensitivity Analysis

In the event of an economic downturn, the business may have a decline in its revenues. In an economic recession, the demand for gemstones and related precious metals decreases as people will have less discretionary income. However, in today's economic climate, inflation has become a serious concern, and investors have driven up the per ounce price of gold substantially as a safe investment to hedge against inflationary risks. As such, the business should have very few issues regarding top line income.

8.0 CONCLUSION

We feel that through this plan we will be successful and be able to meet the needs of our Company thus we will put our best to make this business a successful one.

We are looking forward to cover up all our experience as mentioned in the financial part to achieve our goals in a proper way.