

Business Plan Document

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Two Samba Minerals Company Ltd.

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1 Executive Summary

The United Republic of Tanzania (“Tanzania”) has increasingly become a conducive business destination in the African Continent and arguable in the Eastern hemisphere. Tanzania and its people not only welcome foreign investment that bring production, innovation, employment, and nouvelle ways of doing business but also are organized to make the process of investment as seamless as possible. Two Simba is a venture with a goal of broader vertically integrated business of exploring and mining of minerals including that of Gold, processing it through government approved processes in full compliance, production of increasingly refined mineral, through the value addition into consumer jewelry that is exported favoring increased exports for the host nation of Tanzania, and along the way, increase employment, local collaboration, inflow of investment and technological enhancements. Two Simba also aims to comply and improve on social responsibility of producing ethical minerals with care for the environment and the law. This document shall demonstrate Two Simba to be a tremendous opportunity to build and grow the business which will result into a sustainable, greener, profitable, and collaborative venture.

1.1 Business Prospects

After the extensive assessment of the investment team, members of the Company have resolved to form a company that can undertake a large set of investment and production activities. This section details the investment objectives, sectors the company plans to be active in, value add, and export of its products and service. Generation of employment within the boundaries of United Republic Of Tanzania remains one of the major derivative of its overall activities. Additionally, development of business, technological advancements, use of artificial intelligence and sensor technologies, to reduce waste, increase output, and optimize mining operations will benefit the industry at large. Company will provide its services so that the industry can benefit. It is estimated that Company shall export over **US\$3,265,000** of goods and services in its three years of operations and it will grow over the following 9 years.

2 Investment Objective:

The objectives of Two Simba Minerals Co Ltd's are aligned with that of the Investors, which are to:

1. Develop a professionally managed mineral mining business, particularly of mining Gold (Au)
2. Carry out mining of other non-ferrous metal ores, particularly of Gold, including using manual, or machine-based mining, transportation, and crushing,
3. Support activities for other mining and quarrying,
4. Gold ore mining and processing, including milling of ores, chemical and mechanical processing of ores, filtering and
5. Processing of metal ores including that of Gold, including but not limited to processes such as Carbon In Pulp, Carbon in Leaching, and other standardized processes; Elution, blasting, washing, and smelting of one or more metal products
6. Design and production of purified gold & consumer jewelry
7. Retail sale of produced minerals, value added minerals, including consumer goods

And; the following are the related sub-objectives that enabled or empowers the above objectives:

1. For the needed electricity for the mining and processing unit(s), electric power generation, transmission and distribution using power generators, solar, or wind power
2. Developing/ and construction of plant buildings and other construction installation, construction of other related and unrelated civil engineering projects
3. Import, manufacturing, repair, sale, and wholesale of relevant machinery, vehicles, and equipment,
4. Transportation of ore, raw material, product and derivative products, freight transport by road
5. Warehousing and storage of mineral ore, raw materials, additional supplies, machinery, fuel
6. Treatment and disposal of non-hazardous waste
7. Repair of electrical, mechanical, and hydro-mechanical components
8. Storage and wholesale of solid, liquid and gaseous fuels and related products,
9. Design and creative development of Software & Technology needed to monitor mining and processing unit(s)
10. Import, purchase, and deployment of security apparatus to safeguard company assets, operations, and its integrity

2.1 Investment Sectors:

The following are the primary sectors of investment:

1. Mining of ferrous and non-ferrous ores
2. Processing & refining of minerals: Company will
3. Agriculture: Company may undertake agriculture of a possible mining land that is yet to be mined
4. Energy Generation: Company plans to invest in generation of energy for a backward integration of its important ingredient viz – energy, using generators, solar power, wind power, geothermal, or other renewable or alternate methods of energy generation.
5. Value-add: Company plans to invest into techniques, skills, and labor to add value to the products of mining, including consumer jewelry;

6. Software solutions and products: Company plans to invest into research and development of techniques, software, hardware, and strategies to increase its production, monitor, automate, and assist in carrying out the business, including mining, processing, refining, elution, accounting, sales, and marketing of its products and side products.

The following are the secondary sectors of investment:

1. Design and production of equipment relevant to mining and processing.
2. Sensor and instrumentation to monitor mining, transportation, and processing of ores

2.2 Investment target products & services:

Two Simba Minerals Co Ltd. Targets the following products and services:

1. Non-ferrous minerals, particularly Gold
2. Consumer Jewelry and other industrial products made of the mined minerals.
3. Software, Artificial Intelligence, and Hardware Solutions serving the mining and other industries, export of these technologies,
4. Consulting services that provided guidance and assistance to its international and local customers in the space of mining, processing, refining, monitoring, optimizing, and expanding their businesses
5. Agricultural products and its sales
6. Energy using solar, wind, or geothermal sources.

2.3 Exports of the products & services:

Two Simba Minerals Co Lts plans to do significant value add to its primary and secondary products, to make them attractive for its customers, and consumers. It shall target to export the following:

1. Non-ferrous minerals, particularly Gold
2. Consumer Jewelry and other industrial products made of the mined minerals
3. Software & Hardware based on IoT, and Artificial Intelligence serving the mining and other industries,
4. Consulting services that provided guidance and assistance to its international and local customers in the space of mining, processing, refining, monitoring, optimizing, and expanding their businesses
5. Agricultural products and its sales
6. Energy using solar, wind, or geothermal sources

2.4 Initial & Projected Costs:

Two Simba Minerals Co Lts has the following immediate and near-term costs:

#	Cost titles	USD \$ Amounts	
1	Land acquisition	\$339,750	
2	Plant's Building infrastructure, fence, gates, security	\$109,440	
3	Vehicles	\$780,000	
4	Furniture & Fittings	\$1,518,400	
5	Pre-Expenses	\$50,000	
6	Others	\$50,000	
7	Working capital	\$417,417	
##	Total initial investment	\$3,265,007	

2.5 Sources of Finance:

The investment team plans to use the following sources of finance:

1. Board Member Atul Hirpara & his associated holding companies plan to invest the bulk of the investment required to initiate the project production estimating USD \$791,000.
2. Company shall take an additional loan from Atul Hirpara of an amount
3. into the company assets by title transfer, which shall be used for mining purposes in short or long term
4. Company shall acquire a loan financing from an external source of amount USD \$400,000 from an American Bank

3 Operations & Employment:

As Company begins its operations and builds its business, it shall generate employment from the day one. To begin with, the build-up of its plant sites, including but not limited to milling plant, leaching, and pulping plants, construction of its plant buildings, shades, warehouses, fences, gates, and transportation shall constantly need a lot of local resources. This will lead to a generation of employment for build-up.

Once the buildup is complete, the operations of mining and processing shall generate employment for manual and equipment operating labor at mining sites, manpower needed for equipment handling, transportation of ore, monitoring and managing the operations; man-power needed to operate machinery, feeding, refining, testing, and milling of ores shall generate regular quantity of employment. Employment generated includes the manpower needed for designing and development of smelting, jewelry making, product handling, shipping, and trading, sales, and marketing.

Plant operations management, plant security, the need of workers at elution and smelting unit, remote monitoring, general management, accounting, finance, marketing, and sales activities will generate additional layers of employment.

Similarly, software, hardware, AI, and IoT based solution development and research shall create professional employment adding value to the country and its people. Additionally, agricultural, energy generation, and other sectors undertaken by Company shall generate employment as well.

It is estimated that within the first year Company shall generate between 15 and 50 jobs, second year this shall grow by 300% as Company acquires additional mining lands, processing on rent for other miners, and as Company expands its processing capacity.

4 Investment Breakdowns & Details:

Two Simba Minerals Co Ltd has planned out its business for the upcoming 6 years in great detail and 4 years in general projections. The team and the company anticipated that the exciting business opportunities in Tanzania will allow the company to confidently invest in building the business and derive its revenues increasing production of minerals, recycled exportable materials, related mining and processing techniques, and accessorial technologies.

The company is prepared for the investment required for the Capital Expenditure as well as Operational Expenditure.

The following is the breakdown of CapEx (Capital Expenditure) projected for over 6 years.

Capital Expenditure (estimated planned)	FY25	FY26	FY27	FY28	FY29	FY30	FY31
Land for Processing Plant - A	\$75,000	\$90,000					
Land for Processing Plant - B	\$15,000	\$18,000	\$0	\$48,564	\$52,934	\$57,698	\$62,891
Mining land acquisition (In Geita)	\$40,000	\$54,500	\$74,256	\$101,174	\$137,850	\$187,820	\$255,905
Mining land acquisition (Ex Geita)	\$20,000	\$27,250	\$37,128	\$50,587	\$68,925	\$93,910	\$127,953
Mining machinery	\$75,000	\$25,000	\$30,000	\$36,000	\$43,200	\$51,840	\$62,208
Mining excavators	\$125,000	\$257,500	\$132,613	\$136,591	\$281,377	\$289,819	\$298,513
Mining Pumps & Generators	\$16,000	\$8,000	\$9,600	\$11,520	\$13,824	\$16,589	\$19,907
Vehicles - Tipper Trucks	\$80,000	\$160,000	\$84,000	\$176,400	\$185,220	\$194,481	\$204,205
Vehicles - Security Pickups	\$150,000	\$150,000	\$30,000	\$180,000	\$36,000	\$216,000	\$43,200
Vehicle - Manager Vehicles	\$120,000	\$120,000	\$18,000	\$144,000	\$21,600	\$172,800	\$25,920
Plant Buildings/ Construction - Phase 1	\$32,000	\$8,000	\$9,600	\$11,520	\$13,824	\$16,589	\$19,907
Plant Buildings/ Construction - Phase 2	\$2,000	\$12,000	\$14,400	\$17,280	\$20,736	\$24,883	\$29,860
Recycling Processing Equipment	\$150,000	\$163,500	\$297,025	\$518,012	\$882,239	\$1,346,296	\$2,306,013
Milling heavy machinery/ equipment	\$200,000	\$150,000	\$154,500	\$159,135	\$163,909	\$168,826	\$173,891
CIL Tanks	\$75,000	\$7,500	\$9,000	\$10,800	\$12,960	\$15,552	\$18,662
CIP Tanks	\$75,000	\$7,500	\$9,000	\$10,800	\$12,960	\$15,552	\$18,662
Elution Building	\$15,000	\$1,500	\$1,800	\$2,160	\$2,592	\$3,110	\$3,732
Elution Electrolysis Equipment	\$24,000	\$2,400	\$2,880	\$3,456	\$4,147	\$4,977	\$5,972
Elution Blasting Platforms	\$5,000	\$500	\$600	\$720	\$864	\$1,037	\$1,244
Elution Smelting Platforms	\$5,000	\$500	\$600	\$720	\$864	\$1,037	\$1,244
Tap Water	\$1,200	\$120	\$144	\$173	\$207	\$249	\$299
Electricity Connection	\$1,200	\$120	\$144	\$173	\$207	\$249	\$299
Water - Bore hole & Pump	\$5,000	\$500	\$600	\$720	\$864	\$1,037	\$1,244
Electricity Generation - Phase 1 (Diesel Gen)	\$20,000	\$2,000	\$2,400	\$2,880	\$3,456	\$4,147	\$4,977
Electricity Generation - Phase 2 (Solar)	\$45,000	\$60,000	\$0	\$20,000	\$0	\$20,000	\$0
Electricity Generation - Phase 3 (Wind)	\$15,000	\$15,000	\$30,000	\$15,000	\$30,000	\$15,000	\$30,000
Administrative buildings	\$12,000	\$1,200	\$1,440	\$1,728	\$2,074	\$2,488	\$2,986
Cafeteria Building & Kitchen Equipment	\$6,000	\$600	\$720	\$864	\$1,037	\$1,244	\$1,493
Total	\$1,404,400	\$1,343,190	\$950,450	\$1,660,976	\$1,993,870	\$2,923,230	\$3,721,186

For the operational funds needed production is projected as follows. The investors are prepared to invest OpeEx for the initial period as well to get the business started and begun the production:

Amounts in US \$							
Opex (estimated planned)	FY25	FY26	FY27	FY28	FY29	FY30	FY31
People Costs / Jobs Creation	\$90,000	\$108,000	\$129,600	\$155,520	\$186,624	\$223,949	\$268,739
Costs of raw material (except mined ore)	\$144,000	\$151,200	\$158,760	\$166,698	\$175,033	\$183,785	\$192,974
Costs of fuel	\$13,000	\$13,650	\$14,333	\$15,049	\$15,802	\$16,592	\$17,421
Electricity	\$82,000	\$86,100	\$90,405	\$94,925	\$99,672	\$104,655	\$109,888
Costs of Maintenance of CIL	\$1,200	\$1,260	\$1,323	\$1,389	\$1,459	\$1,532	\$1,608
Costs of Maintenance of CIP	\$1,200	\$1,260	\$1,323	\$1,389	\$1,459	\$1,532	\$1,608
Costs of Rented Equipment - Mining	\$73,000	\$76,650	\$80,483	\$84,507	\$88,732	\$93,169	\$97,827
Costs of Rented Equipment - Transportation	\$73,000	\$76,650	\$80,483	\$84,507	\$88,732	\$93,169	\$97,827
Cost of Maintenance of Equipment	\$1,200	\$1,260	\$1,323	\$1,389	\$1,459	\$1,532	\$1,608
Costs of Marketing & Sales (non salary)	\$1,200	\$1,260	\$1,323	\$1,389	\$1,459	\$1,532	\$1,608
Legal & Accounting	\$2,400	\$2,520	\$2,646	\$2,778	\$2,917	\$3,063	\$3,216
Export, Travel, Visa	\$10,000	\$12,000	\$14,400	\$17,280	\$20,736	\$24,883	\$29,860
Mining Research & Development	\$18,000	\$23,400	\$30,420	\$39,546	\$51,410	\$66,833	\$86,883
Mining Software System Development	\$18,000	\$23,400	\$30,420	\$39,546	\$51,410	\$66,833	\$86,883
Transportation & Processing R&D	\$9,500	\$9,975	\$10,474	\$10,997	\$11,547	\$12,125	\$12,731
Consultation fees (mining, geology)	\$7,500	\$7,875	\$8,269	\$8,682	\$9,116	\$9,572	\$10,051
Consultation fees (processing)	\$7,500	\$7,875	\$8,269	\$8,682	\$9,116	\$9,572	\$10,051
G&A - General & Administrative	\$6,000	\$3,000	\$3,600	\$4,320	\$5,184	\$6,221	\$7,465
Total	\$558,700	\$607,335	\$667,852	\$738,594	\$821,865	\$920,545	\$1,038,246

Note: The numbers in Capex and Opex are general projections and by no means are commitments of the company to its board nor its investors. This is neither a commitment by its investors, this data should be looked at as guidance for the expenses, which may significantly vary.

5 Sources of Supplies of Inputs:

The venture of Two Simba Minerals Co Ltd plans to expand into industries and verticals as discussed in earlier sections. The confidence of Company primarily is based on its own ingenuity, its technologies, its people, conducive business environment Tanzania offers, and the abundance of opportunities in Tanzania, a growing economy. The following discussion is on the supplies of input into Company and its operations.

5.1 Minerals & Mines:

The main supplies of input of minerals come from Company's initiatives in purchasing and acquiring mining land and licenses. To begin with, Company is in the process of acquiring land for processing ore, where land has the necessary licenses and zoning for its use. During the year FY25 and FY26, it intends to acquire additional processing land and mining lands in the region of Geita and Shaymanga. Company also plans to participate in 3rd party miners to mine for them for possible partnerships.

5.2 Processing of Minerals:

Company plans to have a constant supply of ores for its processing units using its own mines, joint venture partnerships with 3rd party mines, and providing its facilities on rent from time to time to serve 3rd party mineral processors.

5.3 Exports of Minerals & Jewelries:

Company plans to increase and accelerate its production which then it will export to overseas markets, including but not limited to United Arab Emirates, India, United States, and Switzerland among others. Company shall add value in its mined precious metals by creating natively designed and manufactured jewelry articles.

5.4 Labor:

Supplies of labor for Company operations is going to be primarily Tanzania and its skilled Tanzanians. Company plans to hire from local markets in Mwanza, Geita, Dar es Salaam, and surrounding markets. Company plan to hire talent from our Tanzanian universities and colleges. Company also plans to train local talent to scale and upgrade overall skills of its people. Company also plans to bring key talent from overseas who will train locally hired labor, including but not limited to, managers, technicians, engineers, and geologists.

5.5 Manufacturing & Import:

Company plans to manufacture or add value to imported equipment, vehicles, and machines for use by local & international market. Available machines and equipment used in mining, transporting, and processing lack certain key features. Company plans to augment these by value-add technologies that it plans to develop here in Tanzania. Company then shall market these value-added Machines and Equipment into mining and transportation industries locally and abroad (export).

5.6 Service of mining for 3rd party mining owners:

Company plans to provide mining services to 3rd party miners. Geita area has many small artisan miners who often require 3rd parties help on their mining operations. There is a constant supply of 3rd party miners who may need our services.

5.7 Service of Transportation of Minerals within Tanzania:

3rd party miners, including artisan miners, often require their material and ores transported to their chosen processing facilities. Company plan to provide services to them helping them transport the same. There is a constant supply of input for this.

5.8 Processing of Waste material:

Company plans to process and reuse waste material. Overall industry and market have production of a lot of waste material including mining sludge, plastic waste, and other toxic and non-toxic waste.

Value-add of converting waste material into recycled reusable material: Company plan to conduct research in the space of adding-value to waste material, make it marketable, and sell it off in local and foreign markets through its export channels.

5.9 Export of recycled material:

Company plan to export above mentioned recycled and value-added recycled material. The region has constant supply of the same.

5.10 Import of mining related supplies & value add:

Company plans to import chemicals, supplies, machines, equipment, parts, vehicles, and other artifacts from international market so as to increase Company's business productivity.

6 Marketing plan:

Company has developed a comprehensive sales and marketing plan, here is a summary of the plan. For best results, Company has developed a customer-centric approach that focuses on understanding its customers' needs and tailoring its products and services accordingly. We developed a range of precious metal and recycled products that are specifically designed for the jewelry, dental, and technology industry, helping its customers meet their goals.

- Company has built relationships with the international market to purchase its products and services that are made in Tanzania.
- Company has initiated a network of over 100 partners in the region of Middle East, Asia, and Americas that will be part of supply chain and customer chain of Company.
- Company plans to participate in sales and marketing events held in above mentioned geographies.
- Company has plan to hire sales and marketing talents from the Tanzanian market as well as offshore sources, that have prior experience in doing business.
- Company has reserved funds for marketing efforts.

The mining industry is highly competitive and at its essence. However, we have our unique differentiations from competitors. Our strategic marketing plan lays in using our unique selling proposition (USP) and communicating it to our customers effectively. By highlighting the USP, we plan to attract more customers and increase our market share.

Our commitment to sustainable and responsible mining practices sets us apart from the competition.

We emphasize our dedication to minimizing our environmental impact, promoting social responsibility, and ensuring the safety and well-being of our employees and the communities where we plan to operate. By highlighting our sustainability efforts, we will differentiate ourselves from other mining companies that may prioritize profits over environmental and social concerns.

- Use of advanced technologies to reduce water and energy consumption and minimize waste and emissions. Investment in community development projects, such as education, healthcare, and infrastructure improvements
- Implementation of strict safety standards and training programs to protect employees and contractors.
- Collaboration with local stakeholders to address concerns and build long-term relationships based on trust and transparency.
- By emphasizing its commitment to sustainability and responsible mining, the Company can attract environmentally and socially conscious customers, investors, and partners who value companies that operate with a long-term perspective and a positive impact on society.

Additionally, Company is equipped to develop a strong brand identity. It will leverage digital marketing approach and invest in thought leadership for betterment of the mining industry. This way, Company will adapt to changing market conditions.

7 Implementation Schedule:

Company has an aggressive implementation plan for its project in Tanzania, and its management, its investors, and its people all are aligned to achieve this.

	Activity	Estimated Month/Year
1	Formation, Licensing	Sep-24
2	Land for Plant	Jan-25
3	Land for Mines (first 10 acres)	Jan-25
4	Elution Plant - 3 Towers	Jan-25
5	Build CIL 50 TPD	Feb-25
6	Acquire recycling equipment	Feb-25
7	Build CIP 100TPD	Feb-25
8	Milling machines acquired & installed	Feb-25
9	Mining & Processing Begins	April-25
10	Acquire Excavator-1	Dec-25
11	Acquire Tipper Truck	Dec-25
12	Acquire Management, Security Vehicles	Dec-25
13	Land for Plant - 2	Jan-26
14	Install Solar Energy at Plant 1,2	Jan-26
15	Land for Mines (phase 2, 30 acres)	Jan-26
16	Elution Plant - 3 Towers	Mar-26
17	Build CIL 50 TPD	Apr-26
18	Build CIP 100TPD	May-26
19	Milling machines acquired & installed	May-26
20	Mining & Processing Begins (Ph2 mines)	May-26
21	Acquire Excavator-2nd	Jun-26
22	Acquire Tipper Truck -2nd	Jun-26
23	Acquire Management Vehicle - 2nd	Jun-26
24	Expand each processing plant	Jul-26
25	Acquire security vehicles	Jul-26
26	Land for Mines (phase 3, 50 acres)	Oct-26
27	Elution Plant - 3 Towers	Oct-26
28	Build CIL 50 TPD	Dec-26
29	Build CIP 200TPD	Dec-26
30	Milling machines acquired & installed 3rd set	Jan-27
31	Mining & Processing Begins (Ph3 mines)	Feb-27
32	Acquire Excavator-3rd	Apr-27
33	Acquire Tipper Truck -3rd	Apr-27
34	Acquire Management Vehicles	Apr-27

8 Financial Projections for 7 years:

<u>P&L</u>	FY25	FY26	FY27	FY28	FY29	FY30	FY31
Revenue							
Gold Production							
<i>Tonnage per plant (TPD)</i>	100	100	100	100	100	100	100
<i>Efficiency</i>	75%	85%	85%	85%	85%	85%	85%
<i>Tonnage per year</i>	2,250	62,050	93,075	124,100	155,125	186,150	217,175
<i>Ore grade average (PPM)</i>	3.5	3.5	3.5	3.5	3.5	3.5	3.5
<i>Gross Production (KG of Gold)</i>	8	217	326	434	543	652	760
<i>Average price of gold</i>	\$73,000	\$76,650	\$80,483	\$84,507	\$88,732	\$93,169	\$97,827
Gross Revenue from Gold	\$574,875	\$16,646,464	\$26,218,180	\$36,705,453	\$48,175,906	\$60,701,642	\$74,359,512
Gross Production Tax %	9%	9%	9%	9%	9%	9%	9%
Net Revenue (Gross Minus Prod Tax)	\$523,136	\$15,148,282	\$23,858,544	\$33,401,962	\$43,840,075	\$55,238,494	\$67,667,156
Renting & Services	\$240,000	\$312,000	\$405,600	\$527,280	\$685,464	\$891,103	\$1,158,434
Recycling Revenue	\$110,000	\$143,000	\$185,900	\$241,670	\$314,171	\$408,422	\$530,949
Technology Revenue	\$25,000	\$32,500	\$42,250	\$54,925	\$71,403	\$92,823	\$120,670
Net Revenue	\$7,588,468	\$15,635,782	\$24,492,294	\$34,225,837	\$44,911,112	\$56,630,843	\$69,477,209

Costs of Production

Cost of Gold Production							
<i>Cost per ton/ fully loaded</i>	\$16	\$16.64	\$17.31	\$18.00	\$18.72	\$19.47	\$20.25
<i>Opex Gold Production</i>	\$496,400	\$1,032,512	\$1,610,719	\$2,233,530	\$2,903,589	\$3,623,679	\$4,396,731
Cost of Renting/ Services	\$168,000	\$218,400	\$283,920	\$369,096	\$479,825	\$623,772	\$810,904
Cost of Recycling	\$88,000	\$114,400	\$148,720	\$193,336	\$251,337	\$326,738	\$424,759
Cost of Tech Products COGS	\$21,250	\$27,625	\$35,913	\$46,686	\$60,692	\$78,900	\$102,570
Raw Material costs	\$313,250	\$1,392,937	\$2,079,271	\$2,842,648	\$3,695,443	\$4,653,089	\$5,734,963

People Costs / Jobs Creation	\$90,000	\$108,000	\$129,600	\$155,520	\$186,624	\$223,949	\$268,739
Costs of raw material (except mined ore)	\$144,000	\$151,200	\$158,760	\$166,698	\$175,033	\$183,785	\$192,974
Costs of fuel	\$13,000	\$13,650	\$14,333	\$15,049	\$15,802	\$16,592	\$17,421
Electricity	\$82,000	\$86,100	\$90,405	\$94,925	\$99,672	\$104,655	\$109,888
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Costs of Rented Equipment - Mining	\$73,000	\$76,650	\$80,483	\$84,507	\$88,732	\$93,169	\$97,827
Costs of Rented Equipment - Transportation	\$73,000	\$76,650	\$80,483	\$84,507	\$88,732	\$93,169	\$97,827
Cost of Maintenance of Equipment	\$1,200	\$1,260	\$1,323	\$1,389	\$1,459	\$1,532	\$1,608
COGS	\$791,850	\$1,908,967	\$2,637,303	\$3,448,021	\$4,354,412	\$5,373,001	\$6,524,463
Gross Margin	\$106,286	\$13,726,815	\$21,854,991	\$30,777,816	\$40,556,700	\$51,257,842	\$62,952,746
Gross Margin %							
Expenses							
People Expenses	\$90,000	\$108,000	\$129,600	\$155,520	\$186,624	\$223,949	\$268,739
Contractors	\$15,000	\$15,750	\$16,538	\$17,364	\$18,233	\$19,144	\$20,101
Marketing Spend	\$1,200	\$1,260	\$1,323	\$1,389	\$1,459	\$1,532	\$1,608
R&D + G&A	\$70,500	\$84,525	\$102,251	\$124,734	\$153,336	\$189,818	\$236,457
Capex year	\$8,400	\$5,520	\$6,246	\$7,098	\$8,101	\$9,284	\$10,681
Total Expenses	\$736,750	\$742,909	\$869,271	\$1,250,026	\$1,405,576	\$1,797,811	\$2,306,321
Operating Income	(\$224,694)	\$13,153,942	\$21,095,790	\$29,703,083	\$39,105,461	\$49,502,986	\$60,725,576

9 Capacity of the Project:

Company is equipped to understand the changing needs of the business and the marketplace. To begin with, the ore processing and mining capacity is aimed to be 150 Ton/Day, and the business plan for the first 6 months is targeted to achieve exactly that. This includes:

- Human resources, people, skills, partners, and managers
- Land & licenses for both mining and processing
- Mining and milling equipment to meet the above capacity target
- Planned electricity and back-up generator energies
- Raw materials for refining, smelting, and Elution
- Technicians to carry out the chemistry, physics, and hydrology
- Technicians to carry out purification and jewelry design
- Administrative compliance, accounting, purchase, taxation
- Sales and marketing to market the produced goods
- Needed finance to run for at least two years (funds)

Cross-Functional Team: A cross-functional team with varied levels and roles to cooperate and communicate regarding production capacity and resource management is created. A management team shall continuously review the plant capacity, its bottlenecks for each stage. The above is being carefully planned for the second and third fiscal years, including local and foreign resources, equipment, and talent.

Resource Capacity: The raw material, ore material supply is planned as the first step. Right quality and quantity of mining land will be acquired as one of the earliest activities once we are licensed.

- Resources shall be allocated based on Project Priority
- Team shall maintain Open Lines of Communication: Communicate with executives, project management leaders, and stakeholders.
- Document Known Risks: Keep an eye out for risks like union strikes, bad weather, and government laws that might put a project on hold or introduce new ones unexpectedly.
- Plan for Dealing with Excess Capacity: Understand where it is, how to handle it (for example, reassignment), or insufficient capacity (again, where/how).

10 List of Machines, Equipment, and Technology Import Plan

The following is a tentative list of machines, equipment and Technology that will be imported within first one to five years. This plan may expand as we make progress into the second year of business.

Sr NO	PLANT AND MACHINERY	QTY	USD APROX
1	Trommel Gold washing plant with centrifugal	1	\$150,000
2	Truck mounted Trommel Gold washing plant	1	\$150,000
3	Gold processing plant	1	\$120,000
4	Water pump with Diesel Engine	3	\$15,000
5	Compressor and Accessories	3	\$15,000
6	Shaking Table	5	\$200,000
7	Excavator	3	\$450,000
8	Low Bed Trailer	2	\$45,000
9	Backhoe Loader	4	\$360,000
10	Dumper {tripper}	5	\$450,000
11	Tractor with Lorry and Shovel	3	\$27,000
12	Rock Breaker Needle	3	\$90,000
13	Gold Furnace Including crucible	3	\$21,000
14	Weighing Scale 1MT to 60MT	2	\$20,000
15	Jaw Crasher	4	\$20,000
16	Ballmill Crusher	4	\$150,000
17	Hopper	4	\$50,000
18	Feeder	6	\$12,000
19	Conveyor Belts	8	\$18,000
20	Double Roll Crusher	4	\$12,000
21	Spare Rolls	10	\$1,000
22	Classifier	3	\$12,000
23	Mixing barrel, thickner	3	\$3,000
24	Floatation	15	\$30,000
25	Hammer Crusher	4	\$9,000
26	Spare Hammer	6	\$4,000
27	Air blowers	3	\$7,000
28	Vacuum Pumps	6	\$9,000
29	Water discharge cylinders	6	\$9,000
30	Mobile Chasis	6	\$9,000
31	Vibrating feeder	3	\$8,500
32	Fixed Crane	3	\$12,000
33	Mining Winch	6	\$12,000
34	Cyclone classifier	3	\$14,000

35	Slurry Pump	3	\$9,000
36	Atomic Absorption Spectrophotometer	2	\$20,000
37	Drum screen	2	\$4,000
38	Gold rushing chute	2	\$2,000
39	Washing mobile chasis	2	\$4,000
40	Jacket Centrifuge	3	\$4,000
41	Jigging machine	3	\$5,000
42	Milling motors	20	\$20,000
43	Centrifugal concentrator	6	\$12,000
44	Power transformers	6	\$25,000
45	Geomembrane	50000 sqm	\$60,000
46	Sand Washing Plant	2	\$100,000
47	Handheld XRF Gun for Mineral Testing	1	\$40,000
48	Solar System with LED lamp	10	\$300,000
49	Generator Set	2	\$40,000
50	Fuel pump	2	\$4,000
51	Electric fence set for Mining area	3	\$150,000
52	Pick up Double cabin Hilux	2	\$160,000
53	Toyota Land Cruiser Station Wagon	4	\$520,000
54	CIP Plant and Installation	1	\$350,000
55	Wet Pan Mill Set	10	\$15,000
56	Gold concentrator set	2	\$3,000
57	Resident Permit and Work Permit	5	\$25,000
58	Construction equipment	1 set	\$150,000
59	Chemical Laboratory	1 set	\$100,000
60	Tools and workshop	1 set	\$15,000
61	Hydraulic Diamond Drilling Rig and Accessories	1 set	\$100,000
62	Core Drill rig	2	\$100,000
63	Drilling Accessories	20	\$20,000
64	Drill tower wheels	10	\$2,000
65	Core barrels	10	\$5,000
66	Drill diamond bits	10	\$9,000
67	Gate- Turnstile	5	\$5,000
68	Gate- Security Equipment	5	\$5,000
69	Gate - Camera System	5	\$5,000
70	Computing for plant	30	\$15,000
71	Processing Instrumentation Devices	500	\$12,000