

# BUSINESS PLAN

---

ODRA RESOURCES LIMITED

Graphite Mining Project – Simanjiro, Manyara Region

Date: 24/02/2025

## 1. Executive Summary

ODRA RESOURCES LIMITED Registration No:170442547 is a Tanzanian registered company with the objective of establishing and operating a graphite mining and processing project in Simanjiro District, Manyara Region. The company, managed by its two directors, Mr. Khatibur Rahman Mohammad and Mr. Khaliqur Rahman Mohammad, in cooperation with Project Consultant Engineer Jones Mushi, seeks to register the project with the Export Processing Zones Authority (EPZA).

The project's primary goal is to extract, process, and export graphite, a critical mineral with rising global demand due to its extensive use in electric vehicle (EV) batteries, renewable energy storage systems, lubricants, and electronics.

By leveraging the mineral potential of Simanjiro, the company aims to create local employment, contribute to Tanzania's industrialization and export agenda, and generate long-term revenue.

## 2. Company Profile

- Company Name: ODRA RESOURCES LIMITED
- Location: Dar es Salaam (Head Office), Simanjiro – Manyara (Project Site)
- Nature of Business: Graphite Mining, Processing, and Export
- Directors:
  - Mr. Khatibur Rahman Mohammad
  - Mr. Khaliqur Rahman Mohammad
- Project Consultant: Engineer Jones Mushi
- Shareholding Structure:
  - KK RESOURCES LIMITED (India)
  - Mr. Khatibur Rahman Mohammad
  - Mr. Khaliqur Rahman Mohammad

## 3. Project Description

The Simanjiro project will focus on graphite mining through exploration, extraction, beneficiation, and export.

Key activities:

- Conducting geological surveys and exploration in graphite-rich deposits.

- Establishing a graphite beneficiation plant for crushing, grinding, flotation, and refining of ore.
- Producing high-purity graphite concentrate for international export.
- Supplying domestic industries (steel, lubricants, batteries) with value-added graphite products.
- Ensuring environmentally sustainable and socially responsible mining practices.
- Production Capacity: 12,000 tonnes per year.

#### **4. Market Analysis**

- Graphite demand is surging, driven by the global EV revolution and renewable energy storage systems.
- World Bank projects graphite demand will triple by 2030.
- Main export market: India.

##### Competitive Advantage:

- Strategic location in Simanjiro, a mineral-rich area of Manyara.
- Access to EPZA incentives (tax benefits, customs facilitation, export support).
- Partnership with skilled mining engineers and consultants.
- Value addition through beneficiation (not just raw mineral export).

#### **5. Operations Plan**

- Phase 1 (Year 1): Geological exploration, licensing, and Environmental Impact Assessment (EIA).
- Phase 2 (Years 2–3): Mine development, installation of beneficiation plant, pilot production.
- Phase 3 (Years 3–5): Expansion into large-scale mining and processing for export.

#### **6. Organizational Structure**

- Board of Directors – Strategic oversight.
- Project Consultant (Engineer Jones Mushi) – Technical advisory.
- Project Manager – Operational leadership.
- Departments:
  - Mining & Geology
  - Processing & Engineering
  - Finance & Administration
  - Marketing & Export

#### **7. Financial Plan**

##### Estimated Capital Requirement (Rough Plan):

The capital requirement is an approximate projection, subject to adjustment as the project

progresses and actual costs are finalized.

- Exploration & Licensing: USD 250,000
- Mining Equipment & Beneficiation Plant: USD 1,900,000
- Infrastructure (roads, offices, power, water): USD 850,000
- Working Capital (first 2 years): USD 700,000

Total Estimated Investment (Rough Plan): USD 3,700,000

Revenue Projection (5 Years):

- Year 1: Exploration stage – minimal revenue.
- Year 2: USD 2,800,000 (initial graphite concentrate sales).
- Year 3: USD 6,500,000
- Year 4: USD 11,000,000
- Year 5: USD 16,000,000

Profitability:

Net profit margins projected at 30–35% by Year 3 due to high export demand and EPZA benefits.

## 8. Risk Analysis

- Commodity Price Risk: Hedge with long-term supply agreements.
- Regulatory Risk: Minimized through strict compliance with mining laws.
- Environmental/Social Risk: Managed with robust Environmental Impact Assessments (EIA).
- Operational Risk: Reduced through professional technical oversight and modern mining practices.

## 9. Corporate Social Responsibility (CSR)

ODRA RESOURCES LIMITED commits to:

- Employing and training local residents in Simanjiro.
- Supporting community development (schools, water supply, healthcare).
- Promoting gender equality in recruitment.
- Adopting sustainable mining techniques to protect the environment.

## 10. Conclusion

The Simanjiro Graphite Mining Project is a strategic venture positioned to capitalize on global graphite demand, driven by clean energy technologies and industrial growth. With a solid management team, technical expertise, and EPZA incentives, ODRA RESOURCES LIMITED is well-placed to deliver long-term profitability while contributing to Tanzania's economic development.