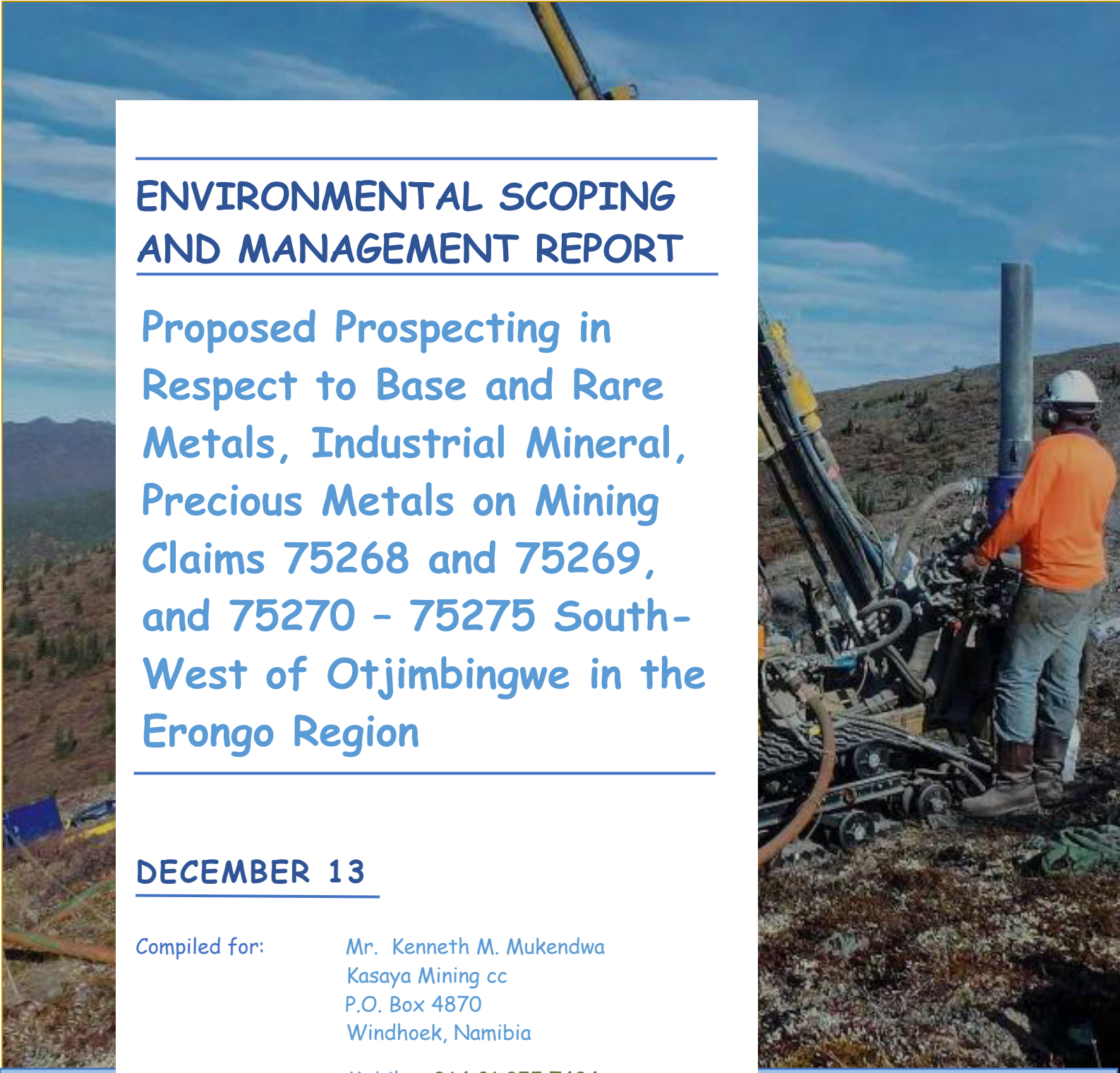

# ENVIRONMENTAL SCOPING AND MANAGEMENT REPORT

## Proposed Prospecting in Respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75268 and 75269, and 75270 – 75275 South-West of Otjimbingwe in the Erongo Region

**DECEMBER 13**


Compiled for: Mr. Kenneth M. Mukendwa
Kasaya Mining cc
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Windhoek, Namibia

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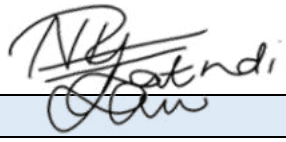
Authored by: Mr. Lawrence Tjatindi

ENVIROLEAP CONSULTING cc
...a leap towards better environmental compliance.
Enviro Leap Consulting cc | P. O. Box 15874, Windhoek | +264 81 486 9948 | eap.trigen@gmail.com


Final Version 1

| DOCUMENT INFORMATION and APPROVAL | | |
|---|---|---|
| **Title** | Application for Environmental Clearance Certificate for the Proposed Prospecting in Respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75268 and 75269, and 75270 – 75275 South-West of Otjimbingwe in the Erongo Region | |
| **ECC Application Reference number** | APP-006763 | |
| **Location** | On Mining Claims 75268 and 75269, and 75270 – 75275 South-West of Otjimbingwe in the Erongo Region | |
| **Proponent** | Mr. Kenneth M. Mukendwa<br>Kasaya Mining cc<br>P.O. Box 4870<br>Windhoek, Namibia<br><br>Mobile: +264 81 255 7494<br>Email: mukendwa@gmail.com | |
| | **Signature** | **Date** |
| Mr. Lawrence Tjatindi<br>(EAP) 1 |  | 25 November 2025 |
| **Approval – Proponent** | | |
| Mr. Kenneth M. Mukendwa<br>(Director, Proponent) |  | 27 November 2025 |



**Final Version 1**

# Declaration of authorship

APPLICATION NUMBER: **APP-006763**

Project Title:

Environmental Clearance Certificate for the Proposed Prospecting in Respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75268 and 75269, and 75270 – 75275 South-West of Otjimbingwe in the Erongo Region

I Lawrence Tjatindi (full name of Environmental Assessment Practitioner - EAP) understand and agree that the information I have furnished in this submission will be reviewed by the Office of the Environmental Commissioner (OEC). I accept that the Environmental Commissioner, will hold me accountable in terms of Section 43(1)(b) of the Environmental Management Act, Act No. 7 of 2007 for any inaccurate or misleading information knowingly provided in the following documentation.

Tick the box (es) applicable to your submission:

- ☐ Pro Forma Environmental Contract for Mining Claims (MCs)(s)
- ☐ Environmental Questionnaire for Mining
- ☒ Scoping report
- ☐ Environmental Impact Assessment (EIA)
- ☒ Environmental Management Plan (EMP)
- ☐ Consent from Relevant Authority

I certify, and, acknowledge that the provision of such information will impede the lawful carrying out of the duties, responsibilities and functions of the Environmental Commissioner. I declare that the information submitted is my own work. All direct or indirect sources used are acknowledged as references.

Consultancy Name: Enviro-Leap Consulting cc

EAP Signature: 

Date: 02/11/2025

NB- To be submitted jointly with Scoping Report, EIA, and EMP documents to the Office of the Environmental Commissioner

Pre-MPP
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09-04-24

REPUBLIC OF NAMIBIA

MINISTRY OF MINES AND ENERGY

## APPLICATION FOR THE REGISTRATION OF MINING CLAIM(S) (COMPANY)

**Required in terms of Section 33 of the Minerals (Prospecting and Mining) Act, 1992 (Act 33 of 1992, hereinafter "the Act")**

**PLEASE NOTE THAT SECTION 25(1)(b) OF THE ACT PROVIDES THAT ONLY NAMIBIAN COMPANIES THAT ARE 100% OWNED BY NAMIBIAN CITIZENS MAY PEG MINING CLAIMS**

| Receipt No.: 074516 | Registered No.(s): 75268 – 75275 |
|---|---|
| Date entered in LANDFOLIO and by whom: | Comments by Drawing Office: |

MINISTRY OF MINES AND ENERGY REVENUE COLLECTION

Full Name of Company: ..... **Kasaya Mining CC** .....

Particulars of Incorporation:

Date of Incorporation: ...**22 March 2024**..... Company Registration No.: ..... **CC/2024/02198**...

Registered Address: ... **5007, Hans Dietrich Genscher Street, Windhoek**
Postal Address: **P O Box 4870, Windhoek**
Tel No.: **...+264 81 277 5555** Fax No.: .....NA.....
E-Mail: **mukendwa@gmail.com**

Principal Place of Business in Namibia: .....**Windhoek**

.....

Postal Address: **P O Box 4870, Windhoek** .....

Tel No.: ...**264 81 277 5555**..... Fax No.: .....NA..... E-Mail: ...**mukendwa@gmil.com**

| | Full Names of Director(s) | Nationality |
|---|---|---|
| 1. | **Mr. Kenneth Mbanga Mukendwa** | **Namibian** |
| 2. | | |
| 3. | | |
| 4. | | |

Authorised share capital of company: .....1000.....

Issued share capital of company: .....1000.....

Particulars of shareholders who beneficially own more that 5% of issued share capital:

| Full Name | Nationality | No. of shares held | % shares held |
|---|---|---|---|
| **Mr. Kenneth Mbanga Mukendwa** | Namibian | 1000 | 100 |
| | | | |
| | | | |

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REPUBLIC OF NAMIBIA

MINISTRY OF MINES AND ENERGY

**APPLICATION FOR THE REGISTRATION OF MINING CLAIM(S) (COMPANY)**

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| Receipt No.: | Registered No.(s): |
|---|---|
| 0746791 | 75536 - 75540, 75549 |
| Date entered in LANDFOLIO and by whom: | Comments by Drawing Office: |

Full Name of Company: ..... **Oicintra Investment Namibia CC**
Particulars of Incorporation:

Date of Incorporation: ...**16 August 2024**..... Company Registration No.: ..... **CC/2024/06350**

Registered Address: ... **5007 Hans Gensher Dietrich Street, Khomasdal, Windhoek**
Postal Address: .....

Tel No.: **+264 81 277 5555**... ..... Fax No.: .....NA.....
E-Mail: **mukendwa@gmail.com**

Principal Place of Business in Namibia: .....**Windhoek**

.....

Postal Address: **P O Box 4870, Windhoek** .....

Tel No.: ...**+264 81 277 5555**..... Fax No.: .....NA..... E-Mail: ...**mukendwa@gmail.com**

| | Full Names of Director(s) | Nationality |
|---|---|---|
| 1. | Mr. Kenneth Mukendwa | Namibian |
| 2. | | |
| 3. | | |
| 4. | | |

Authorised share capital of company: .....1000.....

Issued share capital of company: .....1000.....

Particulars of shareholders who beneficially own more that 5% of issued share capital:

| Full Name | Nationality | No. of shares held | % shares held |
|---|---|---|---|
| Mr. Kenneth Mukendwa | Namibian | 1000 | 1000 |
| | Namibian | 500 | 50 |
| | | | |
| | | | |

# executive summary

## Project Overview

Kasaya Mining Namibia cc (herein referred to as "Kasaya Mining" or the proponent), is a Namibian registered company with vested interest in mineral exploration and mining development. Kasaya Mining aims at prospecting and eventually developing mining ventures in respect to Base and Rare Metals, Dimension Stone, Industrial Minerals and Precious Metals.

The Mining Claims 75268 and 75269, and 75270 – 75275 are situated in central Namibia, within Mining Claims (mining claims 8106, owned by KEMA Resources cc), located about fourteen (14 km) North -west of the Otjimbingwe Village in the Karibib Constituency of Erongo Region. The dominant land-use in the area is predominantly consisting of communal settlements and community practicing some subsistence farming activities.

The mining claims are primarily accessible directly via the D1953 gravel road in the western direction from the settlement. Other section of the mining claims will only be accessed by foot to ensure minimum impacts on the receiving environment.

Their objective is to undertake exploration activities in order to obtain data on the presence of minerals for further mining development. While the proposed activity may stimulate future economic growth and possible rural development, and employment opportunities, it also presents possibility of unprecedented negative environmental impacts.

Potential impacts may vary in terms of scale (locality), magnitude and duration e.g. minor negative impacts in the form of dust and noise pollution especially during the handling (loading and off-loading) will be experienced.

## Need for the Project

Mining contributes about 25% to the Namibian GDP income, and thus the largest contributor to the Namibian economy. As in many African countries, mining is a key source of mineral commodities essential for maintaining and improving standards of living. Most important, the Namibian government makes provision for its citizens to obtain various mining license in order to create self-employment or business opportunities.

Kasaya Mining, is therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, Industrial Mineral, Precious Metals.

Overall, the exploration activities are expected to generate full time medium to long term direct employment for at least 5-10 workers. The majority of workers to be employed on the proposed exploration project are expected to be skilled and/or semi-skilled (general labourers and operators).

Critically, going ahead with the proposed activity creates potential for the following marginal net benefits:

- Contribution Taxes and Royalty
- Technological Skill and Knowledge transfer
- Creates the most needed employment opportunities

## Project Description

Kasaya Mining seeks to undertake her mineral exploration and mining development on Mining Claims 75268 and 75269, and 75270 – 75275 are situated in central Namibia, within Mining Claims (mining claims 8106, owned by KEMA Resources cc), located about fourteen (14 km) North -west of the Otjimbingwe Village in the Karibib Constituency of Erongo Region.

Principally, the proponent intends to explore (desktop geological study, collection of bulk samples and identification of previous activity in the area where the mineral of interest were conducted) and intends to further develop the mining claims into a Mining License should they discover viable ore deposit.

The proposed exploration activities mainly consist of the following prospecting activities: Geological mapping: this mainly entails a desktop review of geological area maps and ground observations.

- Lithology geochemical surveys: rock samples shall be collected and taken for trace element analysis. Also, trenches or pits may be dug (in a controlled environment e.g. fencing off and labelling activity sites) adopting manual or excavator to investigate the mineral potential. At all times, the landowner and other relevant stakeholder will be engaged to obtain authorization where necessary.

- Geophysical surveys: entails data collection of the substrata, by air or ground, through sensors such as radar, magnetic and electromagnetic to detect any mineralization in the area.

- Small-scale mining operation: Should analyses by an analytical laboratory be positive, the proponent proposes to establish a small-scale mining operation that focuses on the extraction of copper ore using semi-automated equipment such as front-end loader and excavators.

## Need for an Environmental Impact Assessment

While increased economic activities can stimulate demographic changes and alter social, economic and environmental practices in many ways. Adverse environmental and socio-economic impacts have become a major area of concern for the business community, their customers, and other key stakeholders. As a result, companies seek to manage these impacts as part of their ethical and sustainable business conduct.

Similarly, identifying, avoiding, mitigating and managing impacts, is a necessary condition for Kasaya Mining to undertake its operation in compliance with the environmental legislative requirements in Namibia.

To ensure that development activities are undertaken in an economic, social and environmental sound / sustainable manner, the Namibian Constitution and Environmental Management Act No. 7 of 2007 provides for an environmental assessment process.

The purpose of the environmental assessment and therefore this report are to ensure compliance of the proposed operations with the environmental legislation in respect to managing potential impacts associated with Kasaya Mining mineral prospecting activities by:

- Identifying potential socio-economic and environmental impacts
- Proposing management measures to avoid, prevent and of mitigate these
- Compile an Environmental Management for compliance monitoring and reporting on the implementation of the Environmental Clearance Certificate conditions

Therefore, Kasaya Mining appointed Enviro-Leap Consulting cc to conduct an environmental assessment and facilitate the process of obtaining and Environmental Clearance Certificate.

## Approach to the EIA Process

The assessment process consisted of a site visit to the project location and public consultation meetings with the Interested and Affected Parties (I&APs). An environmental scoping and management plan (EMP) were compiled and constitute the application for an Environmental Clearance Certificate submitted to the Ministry of Environment and Tourism (Office of Environmental Commissioner).

## Overall Recommendation

The proposed operations are considered to have an overall low negative environmental impact and an overall moderate positive socio-economic impact (with the implementation of respective mitigation and enhancement measures).

Based on this, it recommended that the proponent must upon obtaining their Environmental Clearance Certificate (ECC), implement all appropriate management and mitigation measures and monitoring requirements as may be stipulated in their EMP and or as condition of the ECC. These measures must be undertaken to promote and uphold good practice environmental principles and adhere to relevant legislations by avoiding unacceptable impacts to the receiving environment.

# glossary

| | |
|---|---|
| AfDB | African Development Bank |
| BID | Background Information Document |
| BoN | Bank of Namibia |
| CA | Competent Authority |
| DEAF | National Department of Environmental Affairs and Forestry |
| EA | Environmental Authorization |
| ECC | Environmental Clearance Certificate |
| EAP | Environmental Assessment Practitioner |
| EIA | Environmental Impact Assessment |
| EMA | Environmental Management Act |
| EMP | Environmental Management Plan |
| mining claims | Mining Claims |
| GPS | Geographical Positioning System |
| MAWLR | Ministry of Agriculture Water and Land Reform |
| MC | Prospecting Claim |
| MME | Ministry of Mines and Energy |
| MEFT | Ministry of Environment, Forestry and Tourism |
| IMF | International Monetary Fund |
| I&AP | Interested and Affected Parties |
| PPP | Public Participation Process |
| SADC | Southern African Development Community |
| UN | United Nations |
| | |

# contents

# 1. INTRODUCTION

The Environmental Management Act No. 7 of 2007 (also referred to as the EMA) and its Regulations promulgated in the Government Gazette No. 4878 of 2012, stipulates that for each developmental activity, which is listed as those that may not be undertaken without obtaining and Environmental Clearance Certificate (ECC), an Environmental Assessment (EA) must be conducted. The proposed handling, storage and transportation of fuel and mineral commodities triggers some listed activities in terms of the EMA.

Therefore, an environmental assessment must be conducted with an aim to identify, assess and ascertain potential environmental impacts that may arise as a result of undertaking the proposed operations. Hence, the environmental assessment is a process by which the potential impacts, whether positive or negative are predicted / identified, findings interpreted and communicating to interested and affected parties (I&APs) for inputs.

Additionally, this report presents findings of an environmental scoping process that evaluates the likely socio-economic and environmental effects the proposed operation, and further identifies suitable mitigation measures for avoiding or minimizing the predicted impacts. The envisioned EIA process was undertaken in a holistic approach encompassing different elements as shown in ***Figure 1***.


***Figure 1:*** *Anticipated Environmental Assessment Timeline*

## 1.1. PROJECT APPLICANT and PROJECT OVERVIEW

The Mining Claims 75268 and 75269, and 75270 – 75275 are situated in central Namibia, within Mining Claims (EPL 8106, owned by KEMA Resources cc), located about fourteen (14 km) North -west of the Otjimbingwe Village in the Karibib Constituency of Erongo Region. The dominant land-use in the area is predominantly consisting of communal settlements and community practicing some subsistence farming activities.

Principally, the proponent intends to explore for Base and Rare Metals, Industrial Mineral, Precious Metals (desktop geological study, collection of samples and identification of previous activity in the area where previous mining activities were conducted) by use of hand-held equipment and to small degree bulk sampling or mining, and develop the MC into mining license should they discover viable ore deposit.

## 1.2. PROJECT MOTIVATION (INCLUDING NEED and DESIRABILITY)

Namibia is an up-and-coming source country for critical minerals, which are important for renewable energy technologies. The country has the potential to develop new mining projects for cobalt and Base and Rare Metals, Industrial Mineral, Precious Metals. Mining contributes about 25% to the Namibian GDP income (**Figure 2**), and thus the largest contributor to the Namibian economy. As in many African countries, mining is a key source of mineral commodities essential for maintaining and improving standards of living.

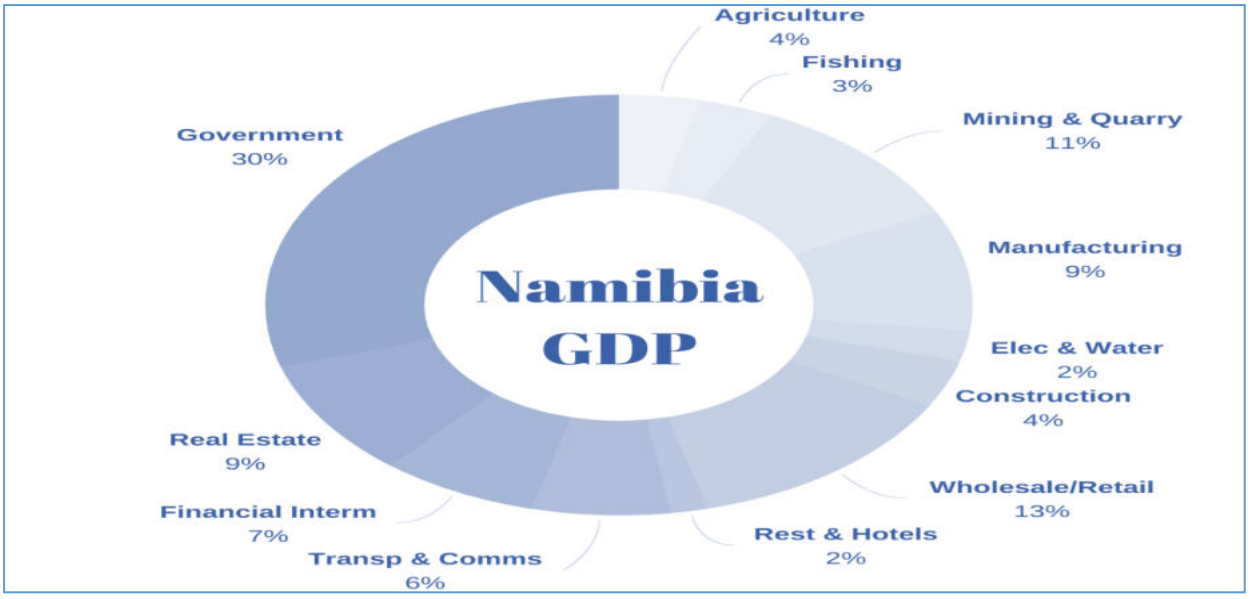


***Figure 2:*** *Outlook of Namibia's economic performance and the impact of mining on the economy*

There are many companies engaged in exploration and mining activities for various metals / minerals. This creates opportunities that attracts international investment to support increased exploration activities particularly with an interest in finding Base and Rare Metals, Dimension Stone, Industrial Minerals and Precious Metals. Kasaya Mining, is therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, Industrial Mineral, Precious Metals

### *1.2.1. Need and Desirability*

Overall, the exploration activities are expected to generate full time medium to long term direct employment for at least 5-10 workers. The majority of workers to be employed on the proposed exploration project are expected to be skilled and/or semi-skilled (general labourers and operators).

Critically, going ahead with the proposed activity creates potential for the following marginal net benefits:

- Contribution to Taxes and Royalty
- Technological Skill and Knowledge transfer
- Creates the most needed employment opportunities
- Attainment of particularly the SDGs 1 and 8 in Namibia

## 1.3. REQUIREMENTS FOR AN ENVIRONMENTAL IMPACT ASSESSMENT

While increased economic activities can stimulate demographic changes and alter social, economic and environmental practices in many ways. Adverse environmental and socio-economic impacts have become a major area of concern for the business community, their customers, and other key stakeholders. As a result, companies seek to manage these impacts as part of their ethical and sustainable business conduct. Similarly, identifying, avoiding, mitigating and managing impacts, is a necessary condition Kasaya Mining to undertake its operation in compliance with the environmental legislative requirements in Namibia.

To ensure that development activities are undertaken in an economic, social and environmental sound / sustainable manner, the Namibian Constitution and Environmental Management Act No. 7 of 2007 provides for an environmental assessment process.

The purpose of the environmental assessment and therefore this report are to ensure compliance of the proposed operations with the environmental legislation in respect to managing potential impacts associated with the proposed Kasaya Mining prospecting activities operations:

- Identifying potential socio-economic and environmental impacts
- Proposing management measures to avoid, prevent and of mitigate these
- Compile an Environmental Management for compliance monitoring and reporting on the implementation of the Environmental Clearance Certificate conditions

Therefore, Kasaya Mining appointed Enviro-Leap Consulting to conduct an environmental assessment and facilitate the process of obtaining and Environmental Clearance Certificate.

**Table 1:** List of activities identified in the EIA Regulations which apply to the proposed project

| EMA 2007 Legislation | Description of activity | Relevance to this project |
|---|---|---|
| Per the Regulation 29(sub-regulation 3) of GG Notice No. 29 of 2012, the project affects:<br><br>**Activity 3 (3.1 & 3.2) Quarrying and Quarrying Activities** | 3.1 The construction of facilities for any process or activities which requires a license, right or other form of authorization, and the renewal of a license, right or other form of authorization, in terms of the Minerals (Prospecting and Mining Act), 1992. | The project involves both the construction of facilities for activities which requires a license (in terms of the Minerals Act 33 of 1992) and undertaking of relating to resource extraction (exploration i.e. geological sampling and sampling). |
| | 3.2 Other forms of mining or extraction of any natural resources whether regulated by law or not. | |
| Per the Regulation 29(sub-regulation 4) of GG Notice No. 29 of 2012:<br><br>**Activity 4 Forestry Activities** | 4. The clearance of forest areas, deforestation, afforestation, timber harvesting or any other related activity that requires authorization in term of the Forest Act, 2001 (Act No. 12 of 2001) or any other law. | The clearance of vegetation areas to allow the quarrying activity to take place |
| Per the Regulation 29(sub-regulation 9):<br><br>**Activity 9 (3.1 & 3.2) Hazardous Substance Treatment, Handling and Storage** | 9.1 "The manufacturing, storage, handling or processing of a hazardous substance defined in the Hazardous Substances Ordinance, 1974." | The project involves the haulage, storage and handling of a potential hazardous (fuel and lubricants |

### 1.4. EIA TEAM

Kasaya Mining to undertake the EIA required for the proposed project. A public participation process (PPP) forms an integral part of the Environmental Assessment Process to aid in identifying issues and possible alternatives for consideration. Details on the PPP are included in section 4 of this Scoping Report.

### 1.5. DETAILS and EXPERTISE OF THE EAP

Over the past four years the Enviro-Leap Consulting has been involved in a multitude of Environmental Assessment projects across SADC and within Namibia. The Environmental Practitioners of Enviro-Leap Consulting has a combined of more than 35 years' experience in the environmental sector (management and policy), ecological research and stakeholder engagement. Consequently, the team offers a wealth of experience and appreciation of the environmental and social priorities and national policies and regulations in Namibia.

### 1.6. OBJECTIVES OF THE ENVIRONMENTAL SCOPING ASSESSMENT

The primary objective of this EA Report is to present stakeholders, I&APs and the Competent Authority, the DEA, with an overview of the predicted impacts and associated management actions required to avoid or mitigate the negative impacts; or to enhance the benefits of the proposed Kasaya Mining operations.

In broad terms, the 2012 EMA EIA Regulations (GG 4878) stipulates that an EIA Process must be undertaken providing to determine the potential environmental impacts, mitigation and closure outcomes, as well as the residual risks of any listed activity. Therefore, based on these (EIA Regulations), the objectives of the Environmental Assessment (EA) Process are to:

- determine the policy and legislative context within which the activity is located and note how the proposed activity complies with and responds to the policy and legislative context;
- describe the need and desirability of the proposed activity, including the need and desirability of the activity in the context of the preferred location;
- identify the location of the development footprint within the preferred site based on an impact and risk assessment process inclusive of cumulative impacts and a ranking process of all the identified development footprint.
- determine the nature, significance, consequence, extent, duration and probability of the impacts occurring to inform identified preferred alternatives; and the degree to which these impacts (a) can be reversed; (b) may cause irreplaceable loss of resources, and (c) can be avoided, managed or mitigated; and
- identify suitable measures to avoid, manage or mitigate identified impacts;

In terms of legal requirements, a crucial objective of the Environmental Scoping or EIA Report is to satisfy the requirements of EIA Regulations in respecting to obtaining an Environmental Clearance Certificate. This section regulates and prescribes the content of the Scoping Report and specifies the type of supporting information that accompany the submission of the ECC application to the Competent Authority.

# 2. PROJECT DESCRIPTION

This section provides an overview of the conceptual overview of the prospecting activities on Mining Claims 75268 and 75269, and 75270 – 75275, sites and technology selection process for identifying the most suitable exploration techniques to be adopted.

## 2.1. OVERVIEW OF THE PAST and PROPOSED EXPLORATION ACTIVITIES

The immediate focus of planned exploration focused on interpreting the pending rock and soil samples as well as the historical data. The company now proposes to undertake exploration bulk-sampling on the broader Mining Claims (MCs) by way of excavating previously hand-dug pits and extracting samples for further laboratory analysis, while also and if necessary, the proponent may conduct drill sampling.

The proposed exploration activities mainly consist of the following prospecting activities:

- Geological mapping: this mainly entails a desktop review of geological area maps and ground observations. This includes the review of geological maps of the area and on-site ground traverses and observations and an update where relevant, of the information obtained during previous geological studies of the area.

- Lithology geochemical surveys: rock samples shall be collected and taken for trace element analysis to be conducted by analytical chemistry laboratories to determine if sufficient quantities of base & rare or precious metal or other minerals of interest are present. Also, trenches or pits may be dug depending on the commodity (in a controlled environment e.g. fencing off and labelling activity sites) adopting manual or excavator to further investigate the mineral potential.

  These consists of small pits (±20cm X 20cm X 30cm) will be dug where 1 kg samples can be extracted and sieved to collect 50 g of material. As necessary, and to ensure adequate risks mitigation, all excavations will either be opened and closed immediately after obtaining the needed samples or the sites fenced off until the trenches or pits are closed. At all times, the landowner and other relevant stakeholder will be engaged to obtain authorisation where necessary.
- Geophysical surveys: entails data collection of the substrata (in most cases service of an aero-geophysical contractor will be soured), by air or ground, through sensors such as radar, magnetic and electromagnetic to detect any mineralization in the area, and are conducted to ascertain the mineralisation.

  Ground geophysical surveys shall be conducted, where necessary using vehicle-mounted sensors or handheld by staff members, while in the case of air surveys the sensors will be mounted to an aircraft, which then flies over the target area.

During the prospecting period, it is anticipated that about 10 – 15 persons will be employed, although only four staff are allowed to lodge on-site on an alternating (rotating) basis. The project specialists such as geologists, field assistants, geo-technicians and sampling crew, will be hosted on either a daily or special visit basis, and thus might not all be on-site simultaneously.

## 2.2. DESRCIPTION OF COMMODITIES

### 2.2.1. Base and Rare Metals

Base metals are common metals that tarnish, oxidize, or corrode relatively quickly when exposed to air or moisture. They can be contrasted with precious metals and are widely used in commercial and industrial applications, such as construction and manufacturing. The term base metals likely arose because these materials are inexpensive and more commonly found than precious metals, such as gold, silver, and platinum. Base metals are often more abundant in nature and sometimes easier to mine. That makes base metals far less expensive for use in manufacturing than precious metals.

While on the other hand, rare earth metals are, in fact, not that rare. The most commonly occurring rare earth metals are cerium, lanthanum, neodymium and yttrium - are actually more common in the Earth's crust than lead and even silver.

## 2.3. PROJECT RATIONALE (MOTIVATION, NEED and DESIRABILITY)

### 2.3.1 Project Motivation

The proposed activity responds to Namibia's strategic vision 2030 and the NDP5 of creating a conducive environment within which its citizens prosper and contribute to the national development goals by creating employment opportunities. Overall, this activity contributes to the nation's efforts of elevating poverty amongst the rural citizens.

Critically, going ahead with the proposed activity on the proposed mining claims creates a potential for the following marginal net benefits:

- Contribution Taxes and Royalty
- Technological Skill and Knowledge transfer
- Creates the most needed employment opportunities

### 2.3.2 Project Need and Desirability

Mining contributes about 25% to the Namibian GDP income, and thus the largest contributor to the Namibian economy. As in many African countries, mining is a key source of mineral commodities essential for maintaining and improving standards of living. Most important, the Namibian government makes provision for its citizens to obtain various mining license in order to create self-employment or business opportunities.

Kasaya Mining, were therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, Industrial Mineral, Precious Metals

Overall, the exploration activities are expected to generate full time medium to long term direct employment for at least 5-20 workers. The majority of workers to be employed on the proposed exploration project are expected to be skilled and/or semi-skilled (general labourers and operators).

## 2.4. PROJECT LOCATION

The MCs 75268 and 75269, and 75270 – 75275 are situated in central Namibia, within Mining Claims (EPL 8106, owned by KEMA Resources cc), located about fourteen (14 km) North - west of the Otjimbingwe Village in the Karibib Constituency of Erongo Region (***Figure 3,*** locality map and ***Table 3*** corner coordinates). The dominant land-use in the area is predominantly consisting of communal settlements and community practicing some subsistence farming activities.

The mining claims are primarily accessible directly via the D1953 gravel road in the western direction from the settlement. Other section of the mining claims will only be accessed by foot to ensure minimum impacts on the receiving environment.

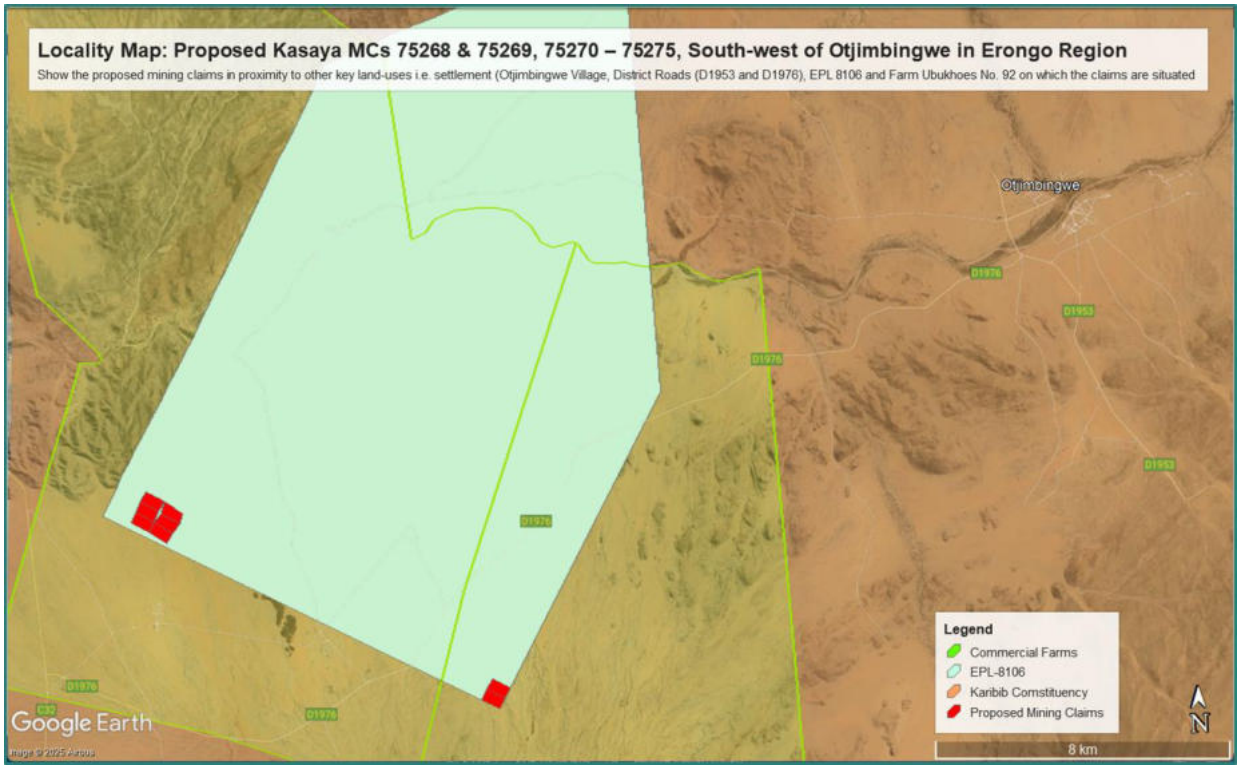


***Figure 3:*** *Locality map of the proposed Mining Claims 75536 – 75540 and 75661 – 75664, Omaheke Region*

***Table 3:*** *Corner coordinates of the proposed development site*

| Corner point | Latitude | Longitude |
|---|---|---|
| A – MC 75268 – Centre Point | -22.474787° | 15.979480° |
| B – MC 75269 – Centre Point | -22.472545° | 15.980561° |
| C – MC 75270 – Centre Point | -22.427319° | 15.895241° |
| D – MC 75271 – Centre Point | -22.430121° | 15.893937° |
| E – MC 75272 – Centre Point | -22.432086° | 15.892152° |
| F – MC 75273 – Centre Point | -22.424477° | 15.889869° |
| G – MC 75274 – Centre Point | -22.427047° | 15.888687° |
| H – MC 75275 – Centre Point | -22.429580° | 15.887795° |

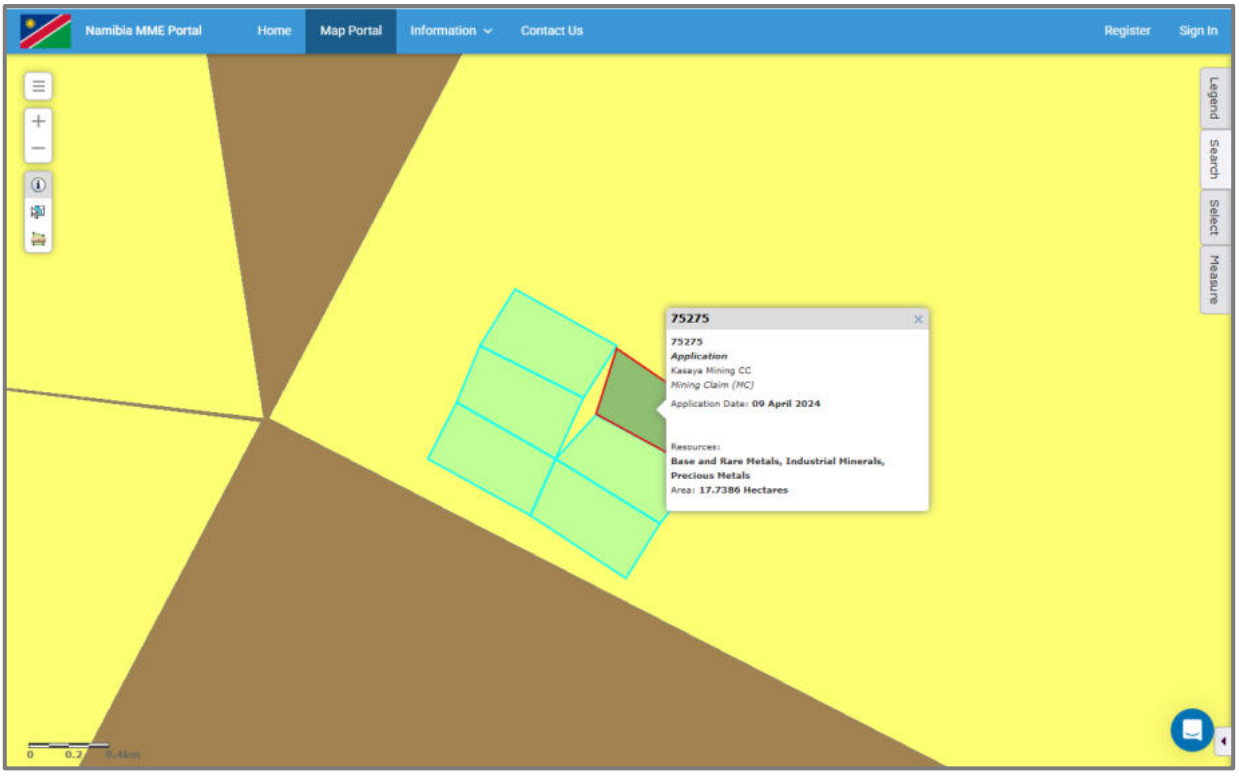


***Figure 4:*** *Evidence of the proposed Mining Claims application on the Ministry of Mine's cadastre (MME, 2025)*

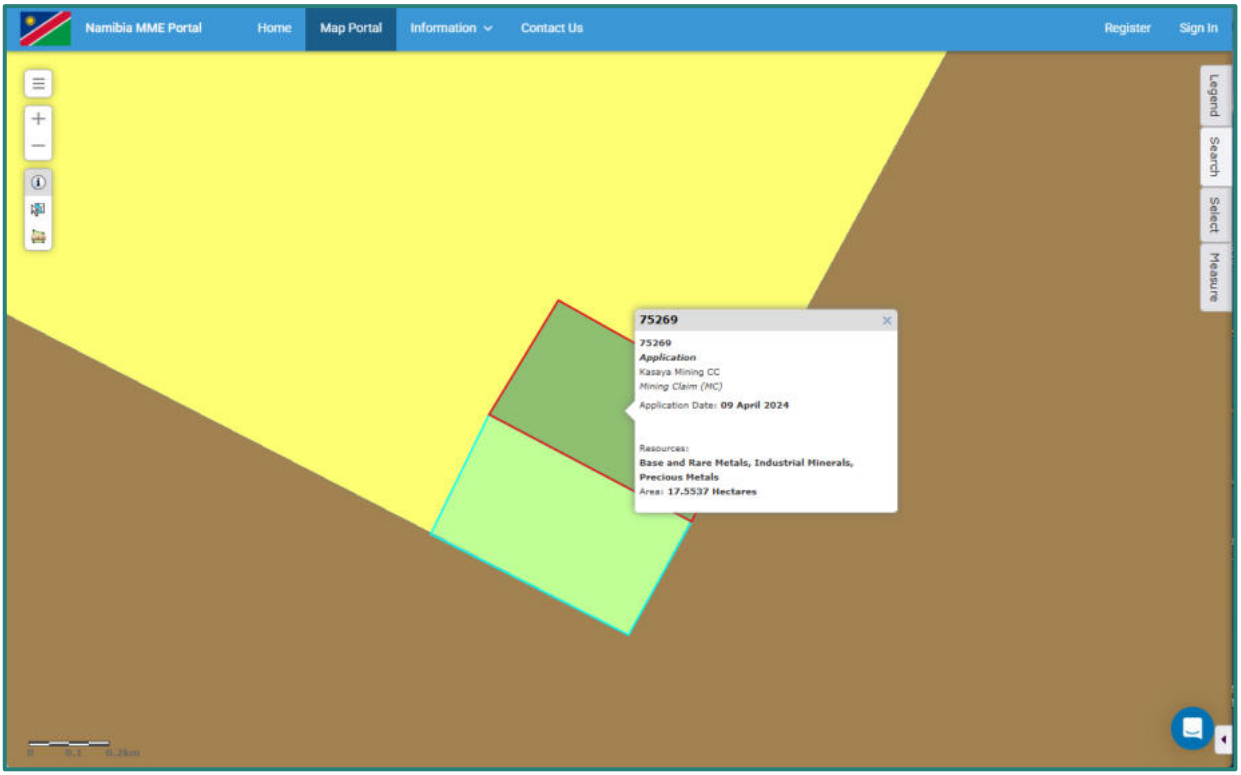


***Figure 5:*** *Evidence of the proposed Mining Claims application on the Ministry of Mine's cadastre (MME, 2025)*

## 2.5. SUPPORTING INFRASTRUCTURE

### 2.5.1 Basecamp

Given the location the Mining Claims (MCs) in a communal area, a suitable site must be identified in collaboration with all relevant authorities including the Traditional Authority / Otjimbingwe Settlement Office to decide on a basecamp location. Where practical and possible, it is strictly recommended that for unskilled labour, local community members are employed and thus accommodated at the base-camp preidentified in collaboration with the property owner and only for the duration during which the exploration programme is being implemented.

This is a key and necessary management exercise to mitigate and reduce potential conflict with the property owner in regard to wildlife and livestock management protocols. Critically, it is highly recommended that temporary ablution facilities must be provided and limited to within the existing base-camp footprint pre-identified and agreed upon by the stakeholder in the proposed development, and the necessary authorization must be obtained prior to installation of any such facility.

### 2.5.2 Water supply

Water will, at this stage only be required mainly for domestic use and will be sourced from the nearby boreholes or Witvlei Village and transported by truck in 5 000 litres water tanks, thus equally stored in tanks at the base-camp site. Where portable ablution facility is provided, it is recommended that they are regularly emptied and sewer transported by the returning water supply truck.

### 2.5.3 Power supply

In case where the exploration activity advances to the bulk sampling (trenches / drilling) stage, the various machinery and equipment (drill rigs, front-end loader and excavator) required digging the trenches are self-powered by means diesel engines, hence there shall be need for on-site fuel (diesel) storage in either small mobile bowser or an installed fuel storage facility on a concrete slab or base-camp. The excavator will either be refuelled with Jerry cans or directly from the bowser.

Basic energy requirement may be met through a portable petrol/diesel generator may only be utilised to meet the domestic energy requirements.

### 2.5.4 Access roads / tracks

The mining claims is mainly accessible via the B1 connecting the Otavi Town to Otjiwarongo and then the D2808, D2810 and D2814 district gravel roads and other section of the mining claims may only be accessed by existing farm tracks or by foot to ensure minimum impacts on the receiving environment.

Per provisions of the Mineral Prospecting & Mining Act (Act No. 33 of 1992), Section 52 (1a)), holder of a mineral license cannot exercise any rights on a private land until the holder has entered into an agreement with the land / property owner. Therefore, the proponent shall, on obtaining all the necessary authorizations in respect to their prospecting license(s) shall

negotiate and enter into a signed access and land use agreement with respective affected farm owners as listed on page 7.

### 2.5.5 Waste (Domestic / Hazardous) Management

In terms of waste generation and management, the predominant type of waste that will be generated during the exploration activities, in small volumes, is domestic waste i.e. packaging material (paper, wooden box, plastic sampling bags), and potentially hydrocarbons from diesel oil should a power generator needed. Domestic waste must be stored in heavy duty garbage bags and disposed of correctly at the Karibib Town / Otjimbingwe Settlement's waste disposal site (refer to EMP commitments).

Domestic Waste: Different waste containers will be provided onsite for waste sorting and safe disposal of waste generated onsite. These will be collected on a monthly basis and sent to nearest approved waste management facility in the area.

Sanitation: Movable ablution facilities with septic tanks will be put up for sanitation purposes for the exploration and mining teams and will be emptied in good time according to manufacturers' instructions.

### 2.5.6 Material and Equipment

At this stage of the proposed exploration program activities, the proponent may not require substantial use of heavy mining related vehicles but a pair of standard 4X4 pick-up mainly used by the team of geologists to carry basic supplies, vehicle drawn fuel browser, a small truck / tanker necessary for the haulage of water for source to the base-camp within or in the vicinity of the mining claims area.

Only in the event that the prospecting sample yields promising results that my warrant for drilling, shall the proponent negotiate an appropriate access agreement that details the establishment of a base-camp that will accommodate the use of drill-rig / drilling machine (s) and the associated materials / supplies including portable energy generators.

## 2.6. MINE CLOSURE, DECOMMISSIONING, REHABILITATION and AFTERCARE

In line with the new regulatory requirements by the Ministry of Mines and Energy (MME), a Mine Closure Plan will be required to be submitted to the regulators. The Mine Closure will provide a detailed plan of actions and commitments including financial and human resources for effective management of the likely environmental liabilities at mine closure and aftercare stages of the proposed prospecting and ongoing activities in the Mining Claims (MCs 75536 – 75540 and 75661 – 75664).

Regular assessments and evaluation of the environmental liabilities during the prospecting stage shall be undertaken to ensure that adequate provision of the necessary resources towards good environmental management at mine closure and aftercare stages.

# 3. DESCRIPTION OF THE AFFECTED ENVIRONMENT

This chapter of the Scoping Report provides an overview of the affected environment for the proposed mineral exploration activities within the mining claims area. The receiving environment is understood to include biophysical, socio-economic and heritage aspects which could be affected by the proposed development or which in turn might impact on the proposed development.

## 3.1 BIOPHYSICAL ENVIRONMENT

Namibia is characterized by four land type systems , the Namib, which runs along the entire west coast from the port town of Lüderitz, northwards into southern Angola; the Succulent Karoo which lies south of Lüderitz and extends across the Orange River into South Africa; the Nama Karoo which occurs immediately to the east of the previous two desert systems and covers most of the southern third of Namibia, tapering to a narrow belt from central Namibia northwards; and the Southern Kalahari which extends eastwards across to Botswana.

### *3.1.1 Climatic Conditions*

About 22% of Namibia's land is classified as desert (hyper-arid), 70% is classified as arid to semi-arid and the remaining 8% is classed as dry sub-humid (Mendelsohn et al. 2003). Most of the country receives an annual average of more than nine hours of sunlight per day. The north and south of the country experience the highest temperatures with the average maximum for the hottest month being over 34°.

About 22% of Namibia's land is classified as desert (hyper-arid), 70% is classified as arid to semi-arid and the remaining 8% is classed as dry sub-humid (Mendelsohn et al. 2003). The average maximum temperature at Otjimbingwe Settlement which is the closest settlement to the study area, ranges between 30°C - 36°C (**Figure 5**) during the hottest month (November – April) while the average minimum in winter ranges between 5°C and 25°C are common (Mendelsohn et al. 2003).

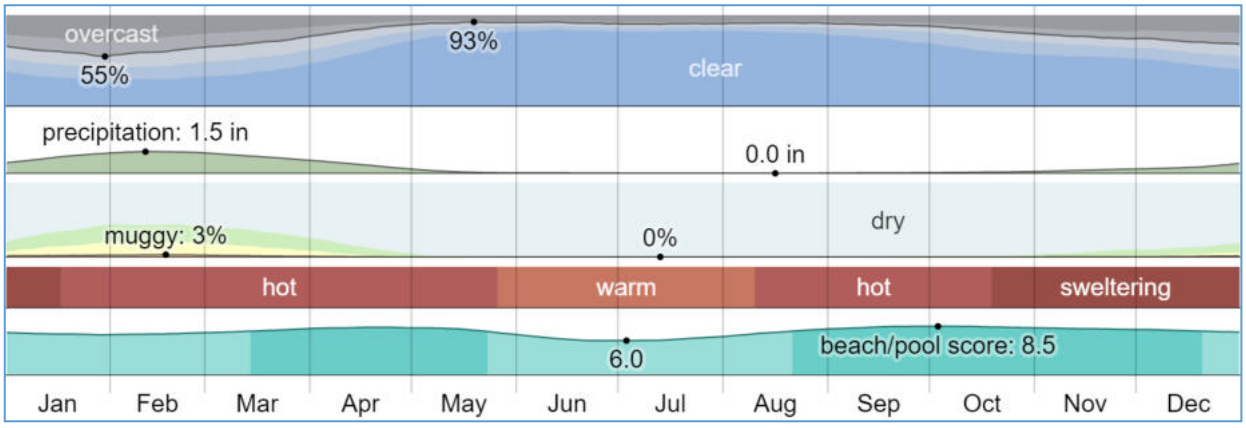


***Figure 5:*** *The summary of the climate in the Otjimbingwe surrounding of Erongo Region*

Rainfall is highly erratic and unpredictable with an inter-annual coefficient of variation that ranges from about 30% in the north-east to over 100% in the driest areas. Around the project area and across the desert biome, annual average rainfall ranges between 10 mm 120 mm per annum, and this decreases along the east-west gradient to annual averages of less 20 mm per annum. At Karibib, the prominent winds blows from South South-West (SSW) and East North-East at speeds reaching more than 22 km/s (Robertson et. al, 2012).

### 3.1.2 *Geology*

The NE-trending Damara Orogen formed during the Pan-African tectono-thermal event. Age-dating of volcanic units within the Nosib Group indicates a span of activity between 750 Ma and 440 Ma (De Kock et al., 2000; Hoffman et al., 1996). The orogen represents a triple point between the Congo, Kalahari and Rio de la Plata cratons that amalgamated during the assembly of Gondwana (Gray et al., 2006; Martin and Porada, 1977; Miller, 1983, 2008; Miller and Frimmel, 2009).

The Damara Orogen represents a Wilson cycle with extension during the breakup of Rodina, spreading, sedimentary deposition, subduction and orogenesis during which metasediments and igneous rocks, including a large number of pegmatites, of the orogen formed (Prave, 1996; Trompette, 1997). Miller (1979, 1983, and 2008) divided the Damara Orogen into a number of tectono-stratigraphic zones based on variations in structure (**Figure 6**), stratigraphy, igneous activity and metamorphic history. The various pegmatite belts roughly occur in different zones and therefore at different stratigraphic levels within the Damara Orogen. The Sandamap, within the Northern Central Zone pegmatite belt described in this paper lies in the Northern Zone (Richards, 1986).

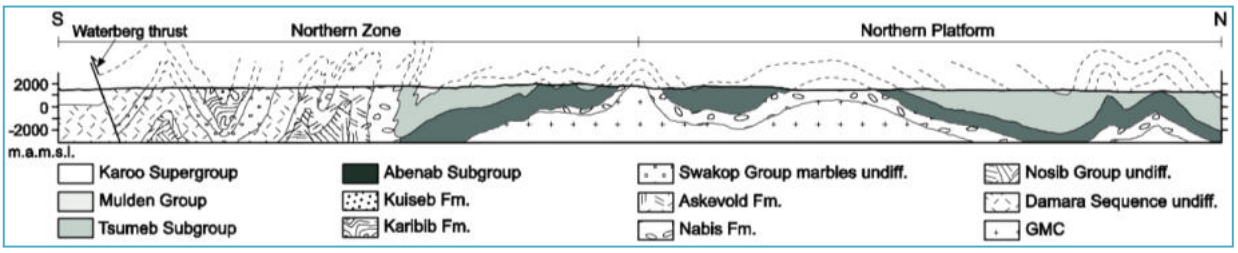


***Figure 6:*** *Schematic illustration of the Damara belt (Gray, et al., 2008)*

The distribution of lithium in Namibia, which significantly occurs primarily within pegmatites. These Precambrian and early Namibian pegmatites are restricted to two different areas respectively, the Damara Orogen in north-central Namibia and the Namaqua Metamorphic Complex in southern Namibia. Of particular interest to proposed MCS 73944 AND 73945 is Otjimbingwe Settlement – Otjimbingwe Pegmatite District – Erongo (Schneider 1992).

Topographically, the area is characterized by the presence of localized mountainous areas with flat regions in between covered by eroded sand. Relief elevation ranges from 800m towards the southeast to maximum heights of up to 1600m to the west. The tectonic structure of the area and the erosional processes, together with the climate have conditioned the formation of a peculiar elongated and folded-shape of the topography

### 3.1.3 *Terrestrial Ecology and Sensitivity*

Namibia's vegetation and biomes are classified into five major types, shown in (**Figure 7**). These are, the Namib Desert, Nama Karoo, Succulent Karoo and the Trees and Shrub savannah. The proposed project area fall mainly within the Desert biome and thus the fauna and flora key receptors of environmental impact particularly in case of trampling and vehicle tracks, potential poaching and ground contamination resulting from the project activities.

Overall terrestrial diversity of plants and animals is highest in the north-eastern parts of Namibia (**Figure 7**, green map indicator), because of the higher rainfall and presence of wetlands and forest habitats that are not found elsewhere in the country. Many species in the north are also more tropical, with ranges that extend into neighboring countries to the north and north-east.

Species richness is highest in Namibia's mesic wetlands and woodlands in the vertebrate classes particularly (Barnard 1998).

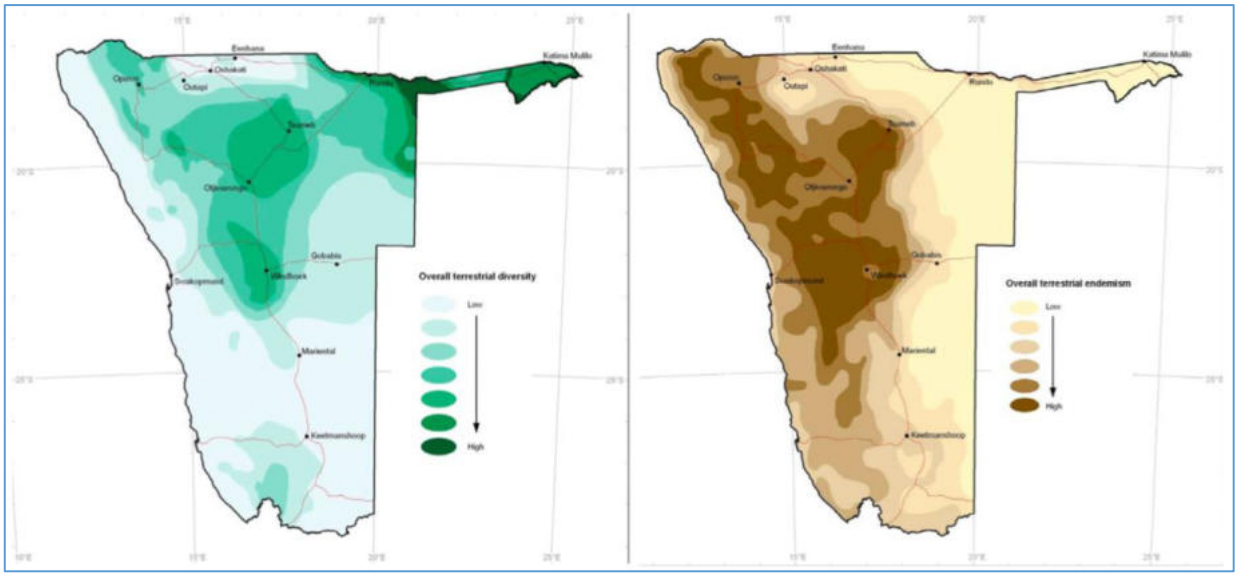


**Figure 7:** Shows a comparison of overall terrestrial species diversity (green) against overall endemism (brown)

However, due to its low productivity, the western desert arid zone is endowed with modest diversity of species compared to more mesic habitats. What is most distinctive about Namibian biodiversity is its high degree of endemism within the western (Erongo) region (Barnard 1998).

The vegetation in the study area is diverse and includes a number of species endemic to the central and northern Namib (**Figure 8**) as well as various protected species such as *Gomphocarpus fruticosus* (milkweed), *Zygophyllum simplex* (simple *Zygophyllum*), *Zygophyllum stapffii* (dollar-bush), *Arthraerua leubnitziae* (pencil bush), *Monechma cleomoides* (Namib perdebos) and *Kleinia longiflora* (sjambok bush).

Every vegetation type supports at least one, more often several endemic or protected species. As a result of this, as well as the low recovery potential of the vegetation, there are no vegetation types of low sensitivity. Classified as highly sensitive are the granite and dolerite outcrop shrublands and their associated vegetation types in the vicinity, the camel thorn shrubland in the north-east of the study area, the tamarisk shrubland of the Erongo mountain landscape.

In the Namib, endemics are associated with the dunes, rocky inselbergs and hills, and the gravel plains. For instance, approximately 60 reptile species (50% of all Namibian endemic *Euphorbia damarana* shrubland) reptiles) are endemic to, or found mainly in, Namibia's Namib Desert (Griffin 1998).

In birds, the greatest diversity of southern African endemics is centered on the arid savannah and Karoo biomes and extends into the escarpment (Brown et al. 1998). Highland areas of the country, including Waterberg, Khomas Hochland, Karas Mountains, Brandberg, inselbergs in the Sperrgebiet and the Karstveld are particularly important for many endemic plants (Mendelsohn et al. 2002).

### *3.1.7 Protected Terrestrial Areas*

Ecologically, the project area falls outside any protected area (neither national park nor conservancy), one of the smallest conservancies in the Erongo Region. Incorporating the Erongo Mountains and western escarpment, the Erongo Mountain Nature Conservancy extends over approximately 200 000 hectares, encompassing one of the most environmentally diverse areas in Namibia, and including cultural artefacts such as rock paintings, rock engravings and prehistoric settlements.

Overall, the Erongo Region harbours high densities of leopard and brown hyaena. The members of the conservancy are committed to reintroducing species that formally inhabited the area, such as black-faced impala and black rhino. In terms of endemic species, the Erongo environment is one of Namibia's hotspots, as it hosts a vast array of endemic and near-endemic plant, reptile, bird and mammal species. These include the Angolan dwarf python, White-tailed Shrike, Hartlaub's Spurfowl, Ruppell's Parrot, Rockrunner and Hartmann's zebra. Rare species that have found refuge in the Erongo Mountains include the Peregrine Falcon and Booted Eagle. The striking Verreaux's Eagle can also be seen breeding in the mountains.

## 3.2 SOCIO-ECONOMICAL ENVIRONMENT

### *3.2.1 Demographic Profile*

The Erongo Region is one of Namibia's regions that has a shoreline on the Atlantic Ocean. On land, it borders with Kunene Region in the North, Otjozondjupa Region in the East, Khomas Region in the Southwest and Hardap Region in the South. While the Otjozondjupa Region is situated northeast of the capital of Windhoek and spans 105,460 km2 and with a low population of approximately 144.000 people (0.73 persons/ km2) (Namibia Statistics Agency 2011).

The 2011 Namibia Population and Housing Census results show that, Erongo had a population of 150,809 (***Figure 8***) people of which 70,986 were women and 79,823 were men. The region's population was growing at an annual rate of 3.4 percent. Most of the population lived in urban areas (87%) compared to only 13 percent in rural areas.

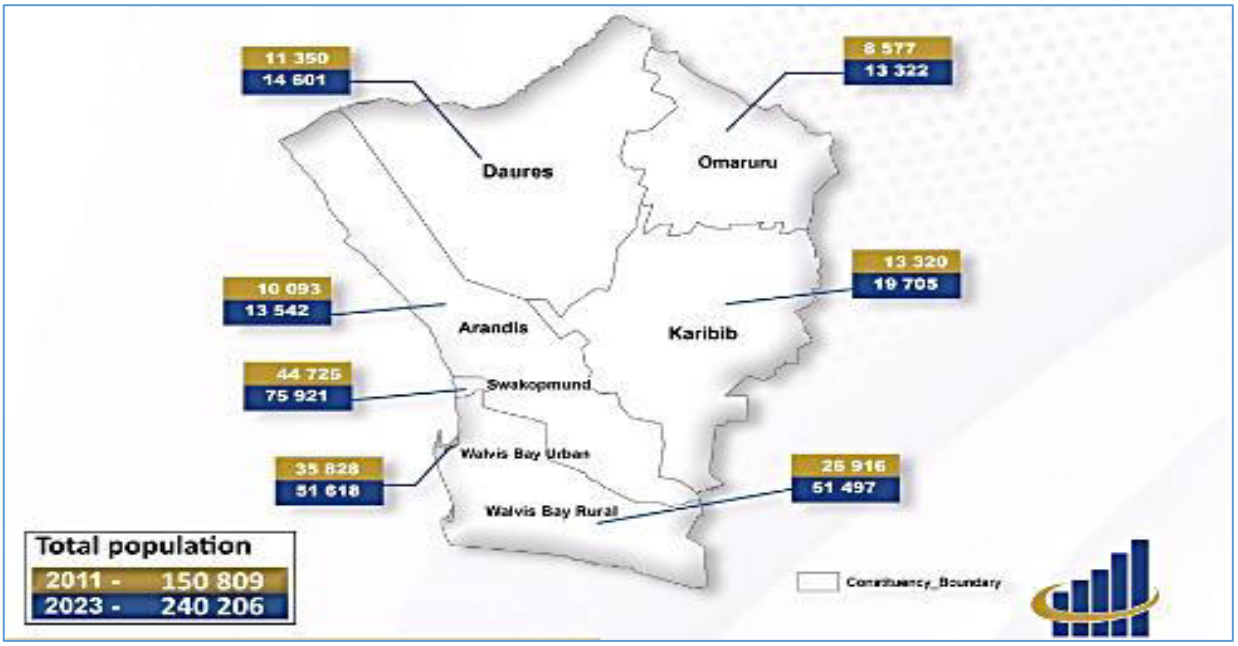


***Figure 8:*** *Shows a comparison of the regional population statistics per constituency for 2011 vs. 2023 for Erongo Region (NSA, 2023)*

The region is characterized by land tenure that is predominantly privatized, except for the community lands in some of their districts i.e. Omatjete and Okombahe reserves in the Omaruru district (Erongo Region). Of the regional population, 70.1 percent of the economically active population aged 15 years and above was employed while 29.9 percent was unemployed. The unemployment rate was higher in rural areas (34.5%) as compared to urban areas (29.3%). In contrast, the employment rate in urban areas was higher than in rural areas (70.7% and 65.5% respectively).

Household characteristics; average household size in the Erongo Region are smaller than most other regions in the country at 3.3 people per household. Similar household sizes were found in Walvis Bay Urban and Rural constituencies (3.2 and 3.3 people per household). About 99.7 percent and 99.2 percent of households are considered to have access to safe drinking water in Walvis Bay (Urban and Rural constituencies, respectively). However, only 49.8 percent of households in Walvis Bay Rural used piped water inside the household, while 48.1 percent use piped water from outside (35.1 percent for Walvis Bay Urban Constituency) (Mouton, 2022).

Equally, almost all households in Walvis Bay Urban and Rural constituencies has access to flush toilets (99.4 percent and 97.4 respectively). However, roughly half are private flush toilets while the other half are shared, and over 90 percent of households reported regular collection of waste in the municipal area. The Namibia Household Income and Expenditure Survey (2015/16) found that 80.0 percent of households in the Erongo Region depended on salaries/wages as their main source of income, followed by businesses (5.5 percent), pensions (5.2 percent), remittances/grants (5.0 percent), and drought relieve (0.9 percent). Subsistence farming was regarded as main source by only 0.4 percent, while 0.1 percent depended on commercial farming (NSA, 2016).

With limited farming opportunities and the existence of unique cultural and natural resources that attracted a growing number of domestic and South African tourists since the beginning of the years 2000, tourism was increasingly seen as an opportunity to generate alternative critical income. Young people started selling semi-precious stones to tourists along the road and looked for any other income-generating activity based on local resources available (including small-scale mining).

### *3.1.1 Heritage and Culture Profile*

In Namibia, archaeological resources are often vulnerable to developmental and mining impacts. Typical sites do not only include those found in the mountains, hills and outcrops but also those generally found in the flat areas (Namib Desert) and or in riverbeds. Others include surface scatters of stone artefacts, rock shelters with evidence of occupation, including rock art, graves, stone features such as hunting blinds and huts, and more recent site such as colonial battlefields, road-works and historical mines.

Some of these site types are might be obvious to some observer, such as rock art or historical mines. Others are quite ambiguous and might appear less significant than they are, such as pre-colonial stone features. This means that it is very difficult for mining projects to avoid damage to archaeological heritage sites if they have not been located, identified and made known during EIA process. In the light of the evidence found during the field assessment and other desktop review of previous field surveys, it can be concluded that should a detailed heritage assessment be necessary and conducted it may yield the following results:

It is safe to assume that Mining Claims (MCs 75536 – 75540 and 75661 – 75664) will have some sites of archaeological significance and that these will probably date to the late precolonial and early colonial periods Proponent must not disturb major natural cavities that may be unearthed because they could hold some highly significant historical or cultural sites that would require detailed documentation and possibly mitigation measures to be adopted in the event of encroachment by mining activity.

# 4. APPROACH TO EIA PROCESS and PUBLIC PARTICIPATION

This chapter presents the approach to the Environmental Scoping Assessment process, for the proposed Kasaya Mining's activity and gives particular attention to the legal context and guidelines applicable to this assessment. The assessment approach and the steps in the Public Participation component of this scoping report were undertaken in accordance with Regulations 29 and 30 of Government Notice No. 30 of 2012. Overall, this section highlights information including the approach to stakeholder engagement, identification of issues, overview of relevant legislation, and key principles and guidelines that provide the context for this scoping assessment process. Hence, in a nutshell, the purpose of the environmental assessment is to:

- Address issues that have been identified through the Scoping Process;
- Assess alternatives to the proposed activity in a comparative manner;
- Assess all identified impacts and determine the significance of each impact; and
- Recommend actions to avoid/mitigate negative impacts and enhance benefits.

## 4.1 APPROACH ADPTED FOR COMPILING THE SCOPING and EMP REPORTS

The objectives of the environmental scoping assessment are noted in Section 1 of this Report. Section 6 of this Scoping Report includes a summary of the findings, the overall conclusions and the recommendations.

The Scoping Report was made available for a 30-day I&AP and authority review period, as outlined in the EMA Regulations of 2012. Although adverts were put in local newspapers i.e. the **Confidente newspaper on 31th Oct – 07th November 2025** and **07th – 14th November 2025,** and then in **The Villager newspaper** on the **07th** and **14th November 2025** in order to notify and inform the public of the proposed projects and invite I&APs to register, there were no particular responses or inputs received but registration by one I&AP (see ***Appendix A*** for detailed report).

As previously noted, the Scoping Report includes an Environmental Management Plan (EMP, ***Appendix B***). The EMP is based broadly on global environmental management principles and embodies an approach of continual improvement and mitigation actions.

These are drawn primarily based on the identified potential impacts for both the construction and operational phases of Kasaya Mining proposed activity. If the project components are decommissioned or re-developed, this will need to be done in accordance with the relevant environmental standards and clean-up / remediation requirements applicable at the time.

## 4.2 LEGAL CONTEXT FOR THIS EIA

In accordance with the provisions of the Environmental Impact Assessment (EIA) Regulations No. 30 of 2012 gazette and the Environmental Management Act, (EMA), 2007, (Act No. 7 of 2007), the activity to be undertaken by Kasaya Mining may not be undertaken without an Environmental Clearance Certificate.

## 4.3 LEGISLATION PERTINENT TO THIS ENVIRONMENTAL ASSESSMENT

As the main source of legislation, the Namibian constitution makes provision for the creation and enforcement of applicable legislation. In this context and in accordance with its constitution, Namibia has passed numerous laws (those of relevant to this project are listed in Table 2) intended to protect the natural environment and to mitigate adverse environmental impacts.

Namibia's policies provide the framework to the applicable legislation. Whilst policies do not often carry the same legal recognition as official statutes, policies can be and are used in providing support to legal interpretation when deciding cases. Below are several of the key legislations applicable to the governance of certain component / aspects of the proposed operation activity. Key acts and policies currently in force include:

- Namibia's Environmental Assessment (EIA) Policy for Sustainable Development and Environmental Conservation (1995)
- Environmental Management Act (No. 7 of 2007);
- Environmental Impact Assessment Regulations (Government Notice No. 30 of 2012)
- Namibia Agriculture Policy of 2015
- Namibia Vision 2030, and other national development plan e.g. Harambee Prosperity Plan
- Social Security Act, 1994 (Act No. 34 of 1994) and the Affirmative Action (Employment) Act, 1998 (Act No. 29 of 1998)

### *4.3.1 Environmental Management Act No. 7 of 2007*

The environmental management act No.7 of 2007 aims to promote the sustainable use of natural resources and provides the framework for the environmental and social impact assessment, demands precaution and mitigation of activities that may have negative impacts on the environment and provision for incidental matters. Furthermore, the act provides a list of activities that may not be undertaken without an environmental clearance certificate.

The purpose of the Environmental Management Act is:

a) to ensure that people carefully consider the impact of developmental activities on the environment and in good time
b) to ensure that all interested or affected people have a chance to participate in environmental assessments

c) To ensure that the findings of environmental assessments are considered before any decisions are made about activities which might affect the environment see ***Figure 9***.

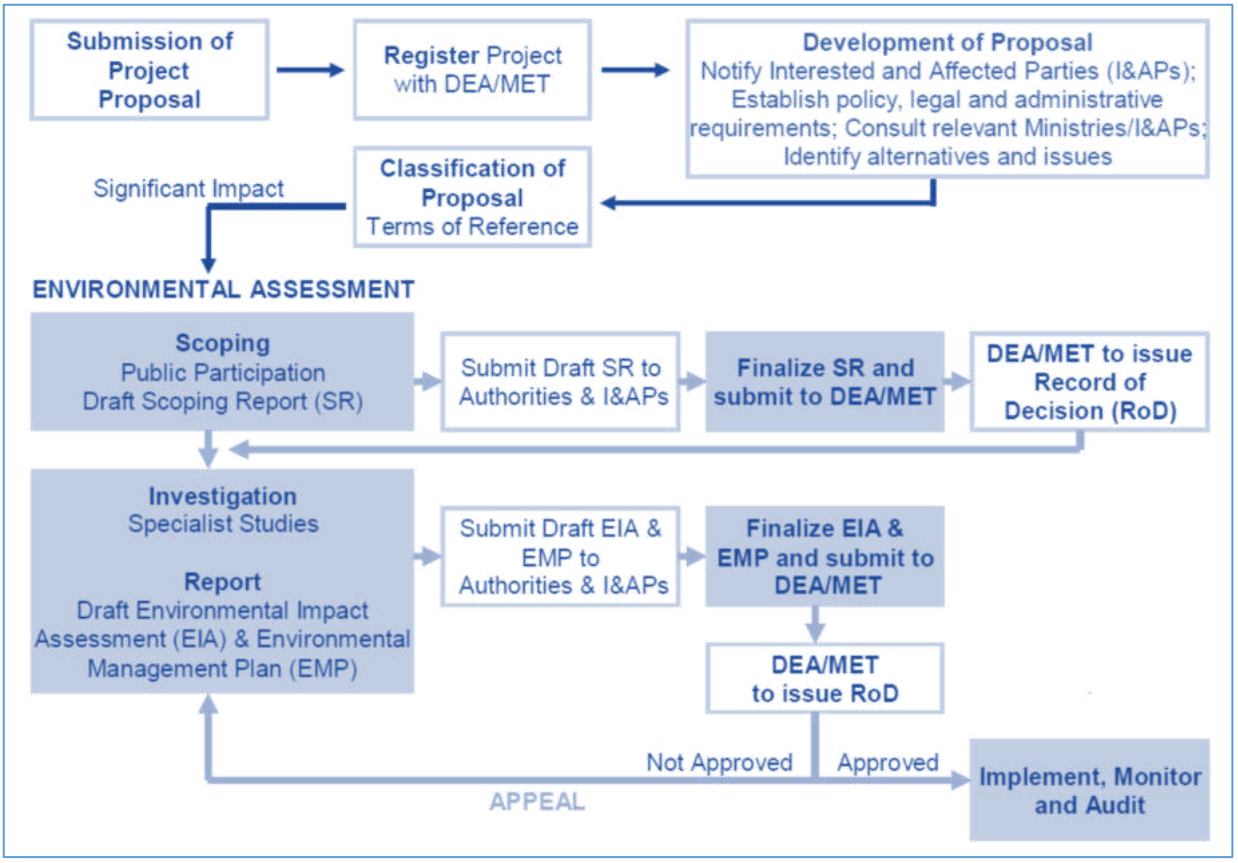


Figure 9: Illustration of the environmental assessment process in Namibia (Source: Risk Based Solution)

### *4.3.2 Environmental Assessment Policy (1995)*

The Environmental Assessment Policy for Sustainable development and Environmental Conservation emphasize the importance of environmental assessments as a key tool towards implementing integrated environmental management. Sets an obligation to Namibians to prioritize the protection of ecosystems and related ecological.

The policy subjects all developments to environmental assessment and provides guideline for the Environmental Assessment. The policy advocates that Environmental Assessment take due consideration of all potential impacts and processes mitigations measures should be incorporated in the project design and planning stages (as early as possible).

### 4.3.12 Minerals Act

This Act No. 33 of 1992 provides a legal framework for regulating and governing all activities that explicitly entails the prospecting, exploration and mining of minerals within the boundaries of Namibia and the Ministry of Mine and Energy is the competent authority in this regard.

It also makes explicit reference to the protection and conservation of the natural environment by requiring for the development of an environmental impact assessment and management plan in which measures to avoid and or mitigate potential impacts relating to minerals development activities are clearly considered.

### 4.3.3 Other Legal Requirements and relevance to the proposed activity

In addition to the EMA and the Environmental Assessment Policy, there exist other regulatory frameworks that MDL must comply with. This is due to the supporting infrastructure that are needed to compliment the proposed logistics hub. As such, MDL will be required to obtain additional specific permits for the supporting infrastructure as listed in table 4 below. The process of obtaining the additional permits can be undertaken concurrently to the EIA process.

Furthermore, the proponent has the responsibility to ensure that the project activities conform to all other relevant legal documents and guidelines as listed in ***Table 4*** below).

***Table 5:*** *Other relevant legislation and applicability thereof*

| Legislation | Relevance |
|---|---|
| Labour Act, 1992, (Act No. 6 of 1992) and Regulations Related to Health and Safety of Employees | • Labour matters, rights and duties of employees.<br>• Health and Safety of Employees Construction safety;<br>• Electrical safety; Machinery safety;<br>• Hazardous substances; Physical hazards and general provisions; |
| Social Security Act, 1994 (Act No. 34 of 1994) and the Affirmative Action (Employment) Act, 1998 (Act No. 29 of 1998) | • Establishment of the Social Security Commission<br>• Administration of a pension and incidental matters fund – affirmative employment opportunities |
| The Forest Act | • Declaration of protected areas in terms of soils and water resources<br>• Proclamation of protected species of plants and the conditions under which these plants can be disturbed, conserved, or cultivated. |
| Nature Conservation Amendment Act | • Declaration of protected areas and protected species. |
| National Heritage Act | • Protection and conservation of places and objectives of significance, as all archaeological and paleontological objects belong to the state |

### *4.3.4 Precautionary and Polluter Pays Principles*

The Precautionary Principle is worldwide accepted when there is a lack of sufficient knowledge and information about proposed development possible threats to the environment. Hence if the anticipated impacts are greater, then precautionary approach is applied. Equally, the Polluter Pays Principle ensures that the proponent takes responsibility of their actions. Hence in cases of pollution, the proponent bears the full responsibility and cost to clean up the environment.

## 4.4 PRINCIPLES FOR PUBLIC PARTICIPATION / CONSULTATION

The PPP for this Scoping Process was driven by a stakeholder engagement process that includes inputs from authorities, I&APs and the project proponent. In respect to provisions of the EIA Regulations, "Public Consultation" means a process referred to in regulation 21, in which potential interested and affected parties are given an opportunity to comment on, or raise issues relevant to, specific matters. This stems from the requirement that people have a right to be informed about potential decisions that may affect them and that they must be afforded an opportunity to influence those decisions. Effective public participation also improves the ability of the Competent Authority (CA) to make informed decisions and results in improved decision-making as the view of all parties are considered.

Contrary, it is important to recognize and highlight two key aspects of public participation which must be considered at the outset:

- There are practical and financial limitations to the involvement of all individuals within a PPP. Hence, public participation aims to generate issues that are representative of societal sectors, not each individual. Consequently, the PPP is designed to be inclusive of a broad range of sectors relevant to the proposed activity.

- The PPP will aim to raise a diversity of perspectives and will not be designed to force consensus amongst I&APs. Certainly, diversity of opinion rather than consensus building is likely to enrich ultimate decision-making. Therefore, where possible, the PPP will aim to obtain an indication of trade-offs that all stakeholders (i.e. I&APs, technical specialists, the authorities and the development proponent) are willing to accept with regard to the ecological sustainability, social equity and economic growth associated with the project.

## 4.5 PUBLIC PARTICIPATION PROCESS

The key steps and or approach adopted for this particular Scoping assessment has been confirmed with the DEA through the registration of the proposed activity / operations on their Online EA system.

All advertisements, notification letters and emails etc. served to notify the public and organs of state, on both the call for registration as I&APs and of the availability of the Scoping and EMP reports for an opportunity to comment or provide input on the reports. Although adverts were put in local newspapers i.e. the **Confidente newspaper on 31th Oct – 07th November 2025** and **07th – 14th November 2025,** and then in **The Villager newspaper** on the **07th** and **14th November 2025** in order to notify and inform the public of the proposed projects and invite I&APs to register, there were no particular responses or inputs received but registration by one I&AP (see **Appendix A** for detailed report).

The correspondence sent to or received from I&APs and other competent authorities during the Scoping Phase were incorporated into the stakeholder engagement report appended to this report (**Appendix A**).

## 4.6 AUTHORITY CONSULTATION DURING THE EIA PHASE

Authority consultation is integrated into the PPP, with additional one-on-one meetings held with the lead authorities, where necessary. A pre-application meeting was scheduled with the relevant competent authorities prior to the Lock-down, however were later cancelled. It is proposed that the Competent Authority (DEA) as well as other lead authorities be consulted as necessary and at various stages during the application review process of the DEA. During the Scoping phase, the following authorities were identified and consulted (see **Appendix C**) for the purpose of consultation:

- Department of Environmental Affairs, Ministry of Environment, Forestry and Tourism
- Ministry of Mines and Energy

## 4.7 APPROACH TO IMPACT ASSESSMENT and SPECIALIST STUDIES

Potential environmental impacts were identified through both desktop literature review and consultation with I&APs, regulatory authorities, specialist and Enviro-Leap Consulting. In case of social impacts, the assessment focused on third parties only (third parties include members of the public and other local and regional institutions) and did not assess health and safety impacts on workers because the assumption was made that these aspects are separately regulated by health and safety legislation, policies and standards.

The impacts are discussed under issue headings in this section. The discussion and impact assessment for each sub-section covers the construction, operational, decommissioning and closure phases where relevant. This is indicated in the table at the beginning of each sub-section. Included in the table is a list of project activities/infrastructure that could cause the potential impact per farming phase. The activities/infrastructure that are summarized in this chapter, link to the description of the proposed project (see Section 5 of the EIA report).

Mitigation measures to address the identified impacts are discussed in this section and included in more detail in the ERCP report that is attached in **Appendix B**. In most cases (unless otherwise stated), these mitigation measures have been taken into account in the assessment of the significance of the mitigated impacts only.

Both the criteria used to assess the impacts and the method of determining the significance of the impacts is outlined in ***Table 6***. This method complies with the method provided in the Namibian EIA Policy document and the draft EIA regulations. ***Part A*** provides the approach for determining impact consequence (combining severity, spatial scale and duration) and impact significance (the overall rating of the impact). Impact consequence and significance are determined from ***Part B*** and **C**. The interpretation of the impact significance is given in ***Part D***. Both mitigated and unmitigated scenarios are considered for each impact.

**Table 6:** Criteria for Assessing Impacts

| PART A: DEFINITION and CRITERIA | | |
|---|---|---|
| **Definition of SIGNIFICANCE** | | **Significance = consequence probability** |
| **Definition of CONSEQUENCE** | | **Consequence is a function of severity, spatial extent and duration** |
| **Criteria for ranking of the SEVERITY/NATURE of environmental impacts** | **H** | Substantial deterioration (death, illness or injury). Recommended level will often be violated. Vigorous community action. Irrmining claimsaceable loss of |
| | **M** | Moderate/measurable deterioration (discomfort). Recommended level will occasionally be violated. Widespread complaints. Noticeable loss of resources. |
| | **L** | Minor deterioration (nuisance or minor deterioration). Change not measurable/will remain in the current range. Recommended level will never be violated. Sporadic complaints. Limited loss of resources. |
| | **L+** | Minor improvement. Change not measurable/will remain in the current range. Recommended level will never be violated. Sporadic complaints. |
| | **M+** | Moderate improvement. Will be within or better than the recommended level. No observed reaction. |
| | **H+** | Substantial improvement. Will be within or better than the recommended level. Favorable publicity. |
| **Criteria for ranking the DURATION of impacts** | **L** | Quickly reversible. Less than the project life. Short-term |
| | **M** | Reversible overtime. Life of the project. Medium-term |
| | **H** | Permanent beyond closure – Long-term. |
| **Criteria for ranking the SPATIAL SCALE of Impacts** | **L** | Localized-Within the site boundary. |
| | **M** | Fairly widespread–Beyond the site boundary. Local |
| | **H** | Widespread – Far beyond site boundary. Regional/national |

| PART B: DETERMINING CONSEQUENCE | | | | | |
|---|---|---|---|---|---|
| | | | SEVERITY = L | | |
| **DURATION** | Long-term | **H** | Medium | Medium | Medium |
| | Medium term | **M** | Low | Low | Medium |
| | Short-term | **L** | Low | Low | Medium |
| | | | SEVERITY = M | | |
| **DURATION** | Long-term | **H** | Medium | High | High |
| | Medium term | **M** | Medium | Medium | High |
| | Short-term | **L** | Low | Medium | Medium |
| | | | SEVERITY = H | | |
| **DURATION** | Long-term | **H** | High | High | High |
| | Medium term | **M** | Medium | Medium | High |
| | Short-term | **L** | Medium | Medium | High |
| | | | L | M | H |
| | | | Localized Within site boundary Site | Fairly widespread Beyond site boundary | Widespread Far beyond site boundary |
| | | | SPATIAL SCALE | | |

| PART C: DETERMINING SIGNIFICANCE | | | | | |
|---|---|---|---|---|---|
| **PROBABILITY (of exposure to impacts)** | Definite/Continuous | H | Medium | Medium | High |
| | Possible/frequent | M | Medium | Medium | High |
| | Unlikely/seldom | L | Low | Low | Medium |
| | | | L | M | H |
| | | | CONSEQUENCE | | |

| PART D: INTERPRETATION OF SIGNIFICANCE | |
|---|---|
| **Significance** | **Decision guideline** |
| High | It would influence the decision regardless of any possible mitigation. |
| Medium | It should have an influence on the decision unless it is mitigated. |
| Low | It will not have an influence on the decision. |

*H = high, M = medium and L = low and + denotes a positive impact.

This section outlines the assessment methodology and legal context for specialist studies, as recommended by the DEA 2006 Guideline on Assessment of Impacts. In addition to the above, the impact assessment methodology includes the following aspects:

Spatial extent – The size of the area that will be affected by the impact/risk:

- Site specific;
- Local (<10 km from site);
- Regional (<100 km of site);
- National or International (e.g. Greenhouse Gas emissions or migrant birds).

Consequence – The anticipated consequence of the risk/impact:

- Extreme (extreme alteration of natural systems, patterns or processes, i.e. where environmental functions and processes are altered such that they permanently cease);
- Severe (severe alteration of natural systems, patterns or processes, i.e. where environmental functions and processes are altered such that they temporarily or permanently cease);
- Substantial (substantial alteration of natural systems, patterns or processes, i.e. where environmental functions and processes are altered such that they temporarily or permanently cease);
- Moderate (notable alteration of natural systems, patterns or processes, i.e. where the environment continues to function but in a modified manner); or
- Slight (negligible alteration of natural systems, patterns or processes, i.e. where no natural systems/environmental functions, patterns, or processes are affected).

Duration – The timeframe during which the impact/risk will be experienced:

- Short term (less than 1 year);
- Medium term (1 to 10 years);
- Long term (the impact will cease after the operational life of the activity (i.e. the impact or risk will occur for the project duration)); or
- Permanent (mitigation will not occur in such a way or in such a time span that the impact can be considered transient (i.e. the impact will occur beyond the project decommissioning)).

Probability – The probability of the impact/risk occurring:

- Very likely or Likely;
- Unlikely or Very unlikely; and
- Extremely unlikely

# 5. ASSESSMENT OF ALTERNATIVES and IMPACTS

## 5.1 ASSESSMENT OF IMPACTS and MITIGATION

This chapter discusses the alternatives, as well as the selection process of the preferred alternatives that have been considered and assessed as part of the Scoping Phase. The 2012 EIA Regulations (GG4878) define "alternatives", in relation to a proposed activity, "as different means of meeting the general purpose and requirements of the activity, which may include alternatives to the:

- property on which or location where the activity is proposed to be undertaken;
- type of activity to be undertaken;
- design or layout of the activity;
- technology to be used in the activity; or
- operational aspects of the activity; and
- Includes the option of not implementing the activity".

The Scoping Report therefore provided a full description of the process followed to reach the proposed preferred activity, site and location within the site. It further includes the following as a minimum:

- The consideration of the no-go alternative as a baseline scenario;
- A comparison of the reasonable and feasible alternatives; and
- Providing a methodology for the elimination of an alternative.

### 5.1.1 NO-GO ALTERNATIVE

The no-go alternative assumes that the proposed project will not go ahead i.e. the proposed Kasaya Mining exploration activities does not realize. This alternative entails that the mining development (exploration and eventually mining) would not drive any environmental change and result in no additional environmental impacts on the project site (mining claims area).

It favors the *status quo* or baseline against which other alternatives are compared and will be considered throughout the report. However, the likely negative environmental impacts of other current and future user that may still happen in the absence of the proposed activities includes: natural dust and generation of particulate matter during windy event particularly resulting from other regional economic activities such as livestock ranching, mining and tourism, pollution and environmental degradation associated with current land use within and around the proposed mining claims site.

Therefore, in terms of the "No-go Alternative", potential economic gains that may never be realized if the proposed project activities do not go-ahead include: loss in income for the town and community at large, unemployment and the loss of socio-economic benefits derived from potential extraction and export of mineral commodity. Most importantly, is the reduced regional integration in terms of trade and investment, loss of direct and indirect contracts and employment opportunities, export earnings, foreign direct investments and various taxes payable to the Government.

### 5.1.2 CONCLUDING STATEMENT ON ALTERNATIVES

Namibia is an up-and-coming source country for critical minerals, which are important for renewable energy technologies. The country has the potential to develop new mining projects for cobalt and Base and Rare Metals, Industrial Mineral, Precious Metals. Global Base and Rare Metals, Industrial Mineral, Precious Metals exploration and Development Company Lepidico Ltd. is developing a Base and Rare Metals, Industrial Mineral, Precious Metals mine in western Namibia and is in discussion with multiple U.S. companies on possible off-take for its Base and Rare Metals, Industrial Mineral, Precious Metals and by-products cesium and rubidium.

There are many other companies engaged in the exploration and mining activities for various metals / minerals including InterContinental Mining Namibia. This creates opportunities that attracts international investment to support increased exploration activities particularly with an interest in finding Base and Rare Metals, Industrial Mineral, Precious Metals. Kasaya Mining, is therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, Industrial Mineral, Precious Metals

Primarily, the key objective in respect to conservancies or national park is conservation of particularly wildlife, cultural / historical heritage and landscape scenic value. Hence, the pre-dominant land-use in these environments is usually non-consumptive and mainly in the form of tourism. However, tourism may have not proven to be most economically rewarding land-use option given the prolonged effects of natural disasters and pandemics. This has created an uncertainty which resulted in community in town looking beyond conservation for alternative income streams and thus increased mining activities are observed in communal conservancies.

In case of social impacts, the assessment focused on third parties only (third parties include members of the public and other local and regional institutions) and did not assess health and safety impacts on workers because the assumption was made that these aspects are separately regulated by health and safety legislation, policies and standards.

The No-Action Alternative comparative assessment, suggests that environmental impacts of a future in which the proposed activities do not take place, may be good for the receiving environment because there will be no potential negative or positive environmental impacts associated with the proposed activities (mineral prospecting).

## 5.2 ASSESSMENT OF IMPACTS and MITIGATION

Mitigation measures to address the identified impacts are discussed in this section and included in more detail in the EERP report that is attached in **Appendix B**. In most cases (unless otherwise stated), these mitigation measures have been taken into account in the assessment of the significance of the mitigated impacts only

### 5.2.1 IMPACTS ON THE BIOPHYSICAL ENVIRONMENT

Potential impacts in respect to the Biophysical environments (**Table 6 - 8**) involves, given that the proposed activity entails non-invasive and consumptive mining development activities but rather limited to prospecting presents mainly secondary potential impacts. Geological surveys and rock sampling, and desktop research creates opportunity for the project staff members to access otherwise reserved park areas and thus temptations for poaching and collection of natural resources. Details of the potential impacts are demonstrated in the following tables:

***Table 7.*** *Impact on the Biophysical Environment – mining claims site Access and use of vehicles*

| **Impact Event** | **Disturbances on Biodiversity** | | | | | |
|---|---|---|---|---|---|---|
| **Description** | Off-road driving is a major concern, particularly with regard to uncontrolled use of 4x4 vehicles and quad-bikes. This leads to physical degradation and the destruction of unique habitats. | | | | | |
| **Nature** | Tracks leave scars that can remain for centuries, affecting the aesthetic qualities of the dunes and the surrounding gravel plains, reducing the attractiveness of the area as a recreational destination. Littering of the beaches and the desert due to increasing tourism is a general problem. Camping outside of designated areas occurs during peak holiday periods. | | | | | |
| **Phases:** Phases during which the project has implications of accessing the mining claims area are highlighted below; Significance assessment was carried out on the use of access tracks which presents a short-term risk. | | | | | | |
| **Construction Phase** | **Operational Phase** | | | **Decommissioning Phase** | **Post Closure** | |
| • No Construction envisaged at this stage | • Accessing of mining claims area for surveys and sampling with project vehicles<br>• Upgrading of access tracks (e.g. grading) | | | N/A | N/A | |
| **Severity** | Taken together, the disturbances will have a minimum to medium severity given that limited number of vehicles will be used and no new access track will be created, these can be drastically minimized to very low with mitigation measures. | | | | | |
| **Duration** | The Significance of the potential impacts is very high given the project location i.e. near a national park and within a town | | | | | |
| **Spatial Scale** | Low, localized if activities are restricted to the known pegmatite belts area within the mining claims thus limiting potential impacts spatially | | | | | |
| **Probability** | Low to Medium, especially in respect to wildlife / livestock collision and poaching as project staff will be at all times accompanied by Game Guards | | | | | |
| **Unmitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L-M | L | L | H | L | H |
| **Mitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | L | L | L | H |
| **Conceptual Description of Mitigation Measures** | • Strict compliance with the Park Management guidelines and EMP is recommended in respect to managing incidental events;<br>• Exploration activity must be limited to the pre-identified target areas belts within the mining claims area<br>• Unless necessary and agreed with the Park management, no new access tracks shall be created and no lodging shall be allowed in sensitive zones | | | | | |

*Table 8. Impact on the Biophysical Environment – Sampling / trenching for geological sampling*

| Impact Event | Disturbances on Biodiversity in respect to sampling and trenching activities | | | | | |
|---|---|---|---|---|---|---|
| Description | Should analyses by an analytical laboratory be positive, geological boreholes or trenches are drilled / dug and geological samples collected for further analysis. This will determine the depth of the potential mineralization. If necessary new access tracks to the drill sites will be created and drill pads will be cleared in which to set the rig. Two widely used sampling options may be adopted, these are the reverse circulation sampling and/or diamond-core sampling / trenching. | | | | | |
| Nature | Depending on the scale of sampling / trenching (intensity), potential impacts relating to vegetation clearing for access tracks and drill transects may arise from the project activities. Consequential impacts therefore are:<br>• Noise from sampling machineries and potential spill of hydrocarbons<br>• Disturbance of habitats (protected plant species) and species displacement<br>• Potential littering with solid waste | | | | | |
| **Phases:** Phases during which the project has implications of sampling / impacts apply are highlighted below; Significance assessment was carried out on the sampling / trenching phase which presents a long term risk. | | | | | | |
| **Construction Phase** | **Operational Phase** | | | **Decommissioning Phase** | **Post Closure** | |
| • No Construction envisaged at this stage | • Accessing of mining claims area for surveys and sampling with project vehicles<br>• Upgrading of access tracks (e.g. grading) | | | N/A | N/A | |
| Severity | Taken together, the disturbances will have a medium severity given that limited number of vehicles will be used and no new access track will be created, these can be drastically minimized to very low with mitigation measures. | | | | | |
| Duration | The Significance of the potential impacts is very high given the project location i.e. near a national park and within a town | | | | | |
| Spatial Scale | Low, localized if activities are restricted to the known pegmatite belts area within the mining claims area thus limiting potential impacts spatially | | | | | |
| Probability | Low to Medium, especially in respect to wildlife / livestock collision and poaching as project staff will be at all times accompanied by Game Guards | | | | | |
| Unmitigated | Severity | Duration | Spatial Scale | Consequence | Probability of Occurrence | Significance |
| | M | L | L | H | L | M |
| Mitigated | Severity | Duration | Spatial Scale | Consequence | Probability of Occurrence | Significance |
| | L | L | L | L | L | M |
| Conceptual Description of Mitigation Measures | • Strict compliance with the Forestry Act and Regulations in respect to vegetation clearing, and EMP is recommended in respect to managing incidental events;<br>• Exploration activity must be limited to the pre-identified target areas belts within the mining claims area thus reducing the spatial impacts to key areas of the mining claims<br>• Temporary bins and spill kits must be provided to ensure that all waste material including hydrocarbons are well contained prior to final disposal at approved sites in either Otjimbingwe or Karibib Municipalities. | | | | | |

| | |
|---|---|
| | • Unless in an emergency, no equipment (vehicles and drill rigs) should be serviced in the field thus preventing unnecessary spillage of hydrocarbons |

*Table 9. Impact on the Biophysical Environment – Waste Management (Effluent, Solid and Hydrocarbons)*

| **Impact Event** | **Waste generation and disposal** | | | | | |
|---|---|---|---|---|---|---|
| **Description** | Operational activities relating to mainly the lodging and to a lesser degree the actual geological surveying and sampling activities present an opportunity for the generation of both solid waste (litter material) and hydrocarbons (fuel and lubricants). | | | | | |
| **Nature** | In general, prospecting activities generates very little domestic solid waste which includes but may not be limited to:<br>• Litter materials i.e. plastic bags, cartons, food packages and<br>• Effluents and sewer may only be generated in case where a base-camp is necessary and a bathroom with flushing toilets are used<br>• Minor hydrocarbons spillage (fuels and lubricants), possible contamination of soils and groundwater, in case of hydrocarbon spillage mainly from maintenance of equipment and vehicles | | | | | |
| **Phases:** Phases during which the project has implications of waste generation are highlighted below; Significance assessment was carried out on the sampling / trenching phase which requires on-site stays. | | | | | | |
| **Construction Phase** | **Operational Phase** | | | **Decommissioning Phase** | **Post Closure** | |
| • No Construction envisaged at this stage | • Lodging is envisaged at existing campsite / lodge within the park | | | N/A | N/A | |
| **Severity** | Taken together, waste generation in respect to the proposed activities presents impacts that are of very-low severity as in general little is generated. | | | | | |
| **Duration** | The duration of the potential impacts is bound to the duration of the proposed operations thus short-term in nature | | | | | |
| **Spatial Scale** | Low, waste generation shall be limited mainly to the lodging areas and subject to property owners and thus not entirely influence by the proposed project | | | | | |
| **Probability** | Very Low, shall be limited mainly to the lodging areas and subject to property owners and thus not entirely influence by the proposed project | | | | | |
| **Unmitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | L | M | L | L |
| **Mitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | L | L | L | L |
| **Conceptual Description of Mitigation Measures** | • Given that lodging is recommended to be at existing camp-sites and or lodges, this aspect shall be managed as part of the current property owner's compliance requirements<br>• In the field, hydrocarbon waste shall be contained (in spill kits) and stored in appropriate heavy-duty plastic cabbage, transported to the nearest waste-oil recycling / solid waste disposal facility in Otjimbingwe or Karibib Municipalities<br>• A sufficient number of spill kits shall be acquired and strategically placed, particularly near every sampling site to ensure that timely response to any potential fuel and lubricant spills is conducted (should the project require any sampling activities to be undertaken). These shall include an on-site used oil disposal bin(s)<br>• Equally, effluent waste shall be managed in compliance with the lodging host's requirements, although during any sampling activities – temporary dry-pit toilet facility must be provided at every site. | | | | | |

### 5.2.2 IMPACTS ON THE SOCIO-ECONOMIC ENVIRONMENT

**Table 10. Environmental Impact: Human Health and Safety**

| Impact Event | Disturbances to the social environments | | | | | |
|---|---|---|---|---|---|---|
| Description | During the exploration stage, social impacts are most likely to be minimal and often positive. At this stage, usually the level of interaction between project staff and or project equipment with the local community is significantly minimum and therefore potential health and safety risks very low. However, given the Pandemics outbreaks pandemic it is recommended that all protocol in this respect are observed throughout the exploration phase. | | | | | |
| Nature | The inter-migration of project staff in-and-out of the region may present potential risks of disease transmission particularly in respect to Pandemics outbreaks and other contagious diseases between the local community and project staff. The most significant impact in respect to health is the potential for increasing the strain on the already under capacitated local health services facility should project staff fall ill while in the field. | | | | | |
| **Phases:** Phases during which sources of social (health and safety) impacts apply are highlighted below; | | | | | | |
| Construction Phase | Operational Phase | | | Decommissioning Phase | Post Closure | |
| N/A | • Use of the lodging and other social facilities, as well as other social interactions | | | N/A | N/A | |
| Severity | In the unmitigated scenario, the potential risk for transmission of contagious / infectious diseases is High | | | | | |
| Duration | The Significance of the potential impacts is subject to the compliance with national health protocols, however given the minimal interaction of project staff and the local community impacts are classified as incidental and short-term. | | | | | |
| Spatial Scale | Medium, in case of near-miss incidents (were cases are not detected) the risk may be medium to high but localized if for instance project staff undergo prior testing for Pandemics outbreaks before coming for fieldwork. | | | | | |
| Probability | Low, especially given that there are clear guideline and protocols governing health and safety of both contagious diseases and if they are well observed | | | | | |
| Unmitigated | Severity | Duration | Spatial Scale | Consequence | Probability of Occurrence | Significance |
| | H | M | M | H | L | H |
| Mitigated | Severity | Duration | Spatial Scale | Consequence | Probability of Occurrence | Significance |
| | M-L | L | L | M | L | H |
| Conceptual Description of Mitigation Measures | • Strict compliance with the EMP is recommended in respect to managing incidental events;<br>• It is strictly advised that project staff ensures that in respect to Pandemics outbreaks, are tested prior to venturing in the field (and carries a health certificate indicating a negative result, which is not older than 72 hours)<br>• Carry sufficient First Aid equipment to ensure that minor injuries reduce need to access local health facility and therefore minimizing potential strain on local services<br>• Strict compliance with national health protocols as and when directive are issued in respect to any disease outbreak and or recurring pandemics such as HIV / AIDS and Pandemics outbreaks<br>• Strict ban on use of any toxic substances within and during the working environment must be prohibited and serious punitive actions taken against any transgressors is recommended. | | | | | |

**Table 11. Impact on the Social Environment – Air and Noise Pollution**

| Impact Event | Disturbances to the social environment | | | | | |
|---|---|---|---|---|---|---|
| **Description** | Should analyses by an analytical laboratory be positive, geological boreholes or trenches are drilled / dug and geological samples collected for further analysis. This will determine the depth of the potential mineralization. If necessary new access tracks to the drill sites will be created and drill pads will be cleared in which to set the rig. Two widely used sampling options may be adopted, these are the reverse circulation sampling and/or diamond-core sampling, and alternatively trenches may be dug for sampling. | | | | | |
| **Nature** | Depending on the scale of sampling / trenching (intensity), potential noise impacts relating to the use of large vehicles such as a drill rig truck and or excavator may be generated. Consequential impacts therefore are:<br>• Noise from sampling / trenching machineries may be anticipated | | | | | |
| **Phases:** Phases during which sources of social (Air and Noise Pollution) impacts apply are highlighted below; | | | | | | |
| **Construction Phase** | **Operational Phase** | | **Decommissioning Phase** | | **Post Closure** | |
| • Land preparation and setting-up of drill sites<br>• Setting-up Base-camp for project staff | • Accessing of mining claims area for surveys and sampling with project vehicles<br>• Upgrading of access tracks (e.g. grading | | • Structure demolition and ground leveling activities<br>• Temporary lodging for decommissioning staff | | N/A | |
| **Severity** | Taken together, the disturbances will have a high severity in the unmitigated scenario. In the mitigated scenario, many of these disturbances can be prevented or mitigated to acceptable levels, which reduces the severity to low. | | | | | |
| **Duration** | The Significance of the potential impacts is subject to the proposed operation's life-time, however the identified impact's duration is incidental and short-term. | | | | | |
| **Spatial Scale** | Low, localized although cumulative as haulage along the designated routes may lead to increased traffic. The noise aspect is mainly limited to the feedlot facility site which far from residential areas. | | | | | |
| **Probability** | Very Low, the only noisy activities associated with the proposed operation are limited to the construction and decommissioning | | | | | |
| **Unmitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | L | M | L | H |
| **Mitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | L | L | L | H |
| **Conceptual Description of Mitigation Measures** | • Strict compliance with the EMP is recommended in respect to managing incidental events;<br>• Noise complaint register must be kept and maintained regularly with mitigation measures adopted accordingly.<br>• All excessive noise generating activities must be strictly carried out during the day between 08h00 (am) and 17h00 (pm) week days only.<br>• Conditions of the Environmental Clearance Certificate and Surface-use Agreement (with the relevant Traditional Authority / Otjimbingwe Settlement Office and Park) must be accordingly adhered to.<br>• As much as possible, it is recommended that vehicles with the most minimum footprint are used such as smallest excavator and or portable drill rig (drawn on a trailer). | | | | | |

**Table 12. Impact on the Social Environment – Culture, Heritage and Scenic values**

| Impact Event | Disturbances to the heritage and scenic value of the environment | | | | | |
|---|---|---|---|---|---|---|
| **Description** | The rapid on-ground survey and desktop review for cultural and heritage sites, reveals that generally there were low/no occurrence of known cultural heritage or archaeological sites, hence the assumption is that the occurrence of undiscovered sites within the mining claims area is low. However, evidence cultural heritage was observed outside the boundaries of the proposed Mining Claims (MCs). | | | | | |
| **Nature** | Any sites that did exist here would either have been discovered already during previous investigations (due to the accessibility of the site to archaeologists) or have been destroyed during previous exploration and mining operations and or other land-uses such farming and tourism undertaken in the area. | | | | | |
| **Phases:** Phases during which sources of social (cultural, heritage and scenic values) impacts apply are highlighted below; | | | | | | |
| **Construction Phase** | **Operational Phase** | | **Decommissioning Phase** | | **Post Closure** | |
| • Land preparation and construction activities<br>• Temporary lodging for construction staff | • Reconnaissance activities e.g. geological mapping, topographical and remote sensing mapping | | • Structure demolition and ground leveling activities<br>• Temporary lodging for decommissioning staff | | N/A | |
| **Severity** | Severity is Low, disturbances relating to field-based will be low with extremely unlikely probability of occurrence without mitigations | | | | | |
| **Duration** | The significance of the potential impacts is subject to the proposed operation's life-time (in this case short-term), hence potential impacts is incidental in nature | | | | | |
| **Spatial Scale** | Localized, although chances of damaging artifacts are very high when encountered, the probability of finding these on the mining claims area are low and may be limited to certain rock outcrops and along river valleys. | | | | | |
| **Probability** | Very Low, the nature of operation significantly limits exploration activities to one known pegmatite belt that falls within the mining area. | | | | | |
| **Unmitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | M | H | L | H |
| **Mitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | L | L | H | L | M |
| **Conceptual Description of Mitigation Measures** | • Strict compliance with the EMP is recommended in respect to managing incidental events<br>• Contractors working on the site should be made aware that under the National Heritage Act, 2004 (Act No. 27 of 2004) any items protected under the definition of heritage found in the course of development should be reported to the National Heritage Council<br>• The chance finds procedure as outlined in the EMP must be implemented at all times, and.<br>• Detailed field survey should be carried out if suspected archaeological resources or major natural cavities / shelters have been unearthed during the proposed exploration and test mining operations. | | | | | |

Table 13. Impact on the Economic Aspect

| Impact Event | Disturbances on social and economic aspects | | | | | |
|---|---|---|---|---|---|---|
| **Description** | Potential economic gains that may never be realized if the proposed project activities does not go-ahead include: loss in potential alternative income for the town, unemployment and the loss of socio-economic benefits derived from future mining development opportunities. | | | | | |
| **Nature** | However, it is imperative that the community is made aware that a major possible impact of exploration is the unrealistic expectations about the development of a mine. It's important for local communities to bear in mind that most exploration activity will not advance to mine development. | | | | | |
| **Phases:** Phases during which sources of social (potential social and economic gain) impacts apply are highlighted below; | | | | | | |
| **Construction Phase** | **Operational Phase** | | **Decommissioning Phase** | | **Post Closure** | |
| • Land preparation and construction activities | • Use of the lodging and other social facilities, as well as other social interactions<br>• Potential Mine development | | • Structure demolition and ground leveling activities | | • Retrenchments, retirement and job losses due to closure | |
| **Severity** | In the unmitigated scenario, this implies in the case where the activity takes not take effect, no economic benefits shall realize hence, the severity in respect to unemployment shall be very high. However, with the implementation of the proposed operations, the severity of unemployment shall be reduced to medium. | | | | | |
| **Duration** | The Significance of the potential impacts is subject to the proposed operation's life-time, with a long-term potential | | | | | |
| **Spatial Scale** | Low, localized and only limited to the Omatako constituency | | | | | |
| **Probability** | Low – Medium, probability in respect to job creation on both the temporary (during exploration) and long-term (during Mine development and operation) phases | | | | | |
| **Unmitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L-M | L | L | L | L | L |
| **Mitigated** | **Severity** | **Duration** | **Spatial Scale** | **Consequence** | **Probability of Occurrence** | **Significance** |
| | L | M+ | M+ | H+ | H+ | H+ |
| **Conceptual Description of Mitigation Measures** | • It is critical that timely and continuous communication and dissemination of information with the local community is ensured to alleviate potential sense of social marginalization, drive gender equality and enhance the understanding and perception of the benefits associated with Kasaya Mining activities<br>• To enhance the positive impacts relating to marginal net benefits for the micro-economy (local residence of Omatako constituency and the region at large) and national economy at larger, legislative provisions to Affirmative Action and Labour Welfare must be observe | | | | | |

# 6. CONCLUSIONS and RECOMMENDATIONS

## 6.1 CONCLUSIONS

Namibia is an up-and-coming source country for critical minerals, which are important for renewable energy technologies. The country has the potential to develop new mining projects for cobalt and Base and Rare Metals, Industrial Mineral, Precious Metals, and therefore it has in recent years seen great interest towards the exploration and development of mineral commodities by foreign investor.

There are thus, many companies engaged in the exploration and mining activities for various metals / minerals including InterContinental Mining Namibia. This creates opportunities that attracts international investment to support increased exploration activities particularly with an interest in finding Base and Rare Metals, Industrial Mineral, Precious Metals. Kasaya Mining , was presented an opportunity to undertaking an exploration programme in respect in respect to Base and Rare Metals, Industrial Mineral, Precious Metals

While increased economic activities can stimulate demographic changes and alter social, economic and environmental practices in many ways. Adverse environmental and socio-economic impacts have become a major area of concern for the business community, their customers, and other key stakeholders. Therefore, to ensure that development activities are undertaken in an economic, social and environmental sound / sustainable manner, the Namibian Constitution and Environmental Management Act No. 7 of 2007 provides for an environmental assessment process.

Primarily, the key objective in respect to conservancies or national park is conservation of particularly wildlife, cultural / historical heritage and landscape scenic value. Hence, the pre-dominant land-use in these environments is usually non-consumptive and mainly in the form of tourism. However, tourism may have not proven to be most economically rewarding land-use option given the prolonged effects of natural disasters and pandemics. This has created an uncertainty which resulted in community in town looking beyond conservation for alternative income streams and thus increased mining activities are observed in communal conservancies.

In case of social impacts, the assessment focused on third parties only (third parties include members of the public and other local and regional institutions) and did not assess health and safety impacts on workers because the assumption was made that these aspects are separately regulated by health and safety legislation, policies and standards.

The No-Action Alternative comparative assessment, suggests that environmental impacts of a future in which the proposed activities do not take place, may be good for the receiving environment because there will be no potential negative or positive environmental impacts associated with the proposed activities (mineral prospecting).

Overall, potential impacts may vary in terms of scale (locality), magnitude and duration e.g. minor negative impacts in the form of visual intrusion, dust and noise pollution especially during the field-based activities i.e. sampling and or trenching.

Below is a summary of the likely positive impacts that have been assessed for the different phases of the proposed Kasaya Mining mineral prospecting activities:

- Socio-economic development and capacity building through partnering with foreign operators / investors, skills transfer and training on the mining development sector shall be achieved (Likely impacts are high).
- Creation of employment opportunities and strengthening /expansion of SME business
- Consequential Infrastructure development e.g. development of a Mine should viable deposit be discovered.

The following is a summary of the likely negative impacts that have been assessed for the different phases of the existing sand mining project:

- Ambient Air Quality and Noise Pollution (Likely impacts are Low).
- Ecological and biodiversity loss (Likely impacts are localized and low).
- Health and safety (Overall likely impacts are low with the adoption and compliance of appropriate mitigation measures).
- Accidental Spill of Hazardous substance (Likely impacts are low with proper implementation of the environmental management plan in place).
- Cultural Heritage, Archaeological and Scenic value (Likely impacts are low with proper implementation of the environmental management plan in place).

## 6.2 RECOMMENDATONS

Enviro-Leap environmental practitioner confidently recommends that the proposed project can proceed and should be authorized by the DEAF. The proposed operations is considered to have, overall low negative environmental impacts and potential for the enhancement of socio-economic benefits provided all protocols including the proposed mitigation measures are adhered to.

Based on this, it recommended that the proponent must upon obtaining their Environmental Clearance Certificate (ECC), implement all appropriate management and mitigation measures and monitoring requirements as stipulated in the Scoping Report and or as condition of the ECC. These measures must be undertaken to promote and uphold good practice environmental principles and adhere to relevant legislations by avoiding unacceptable impacts to the receiving environment.

## 6.3 STAKEHOLDER ENGAGEMENT and MONITORING

It is important that channels of communication are maintained over the life-time of the proposed mineral prospecting project, and with all key stakeholders, members of the general public (including I&APs), as well as the local and traditional authorities, **Table 13** shows the stakeholders engagement recommendations.

***Table 13:*** *Actions relating to stakeholder communication*

| Issue | Management commitment | Phase |
|---|---|---|
| **Development and maintenance of a Stakeholder engagement plan** | On obtaining the Environmental Clearance Certificate and other relevant authorization it is recommended that the proponent undertakes a stakeholder engagement process to develop a Communication and Monitoring Plan for continuous reporting and feedback | All |
| **Understanding who the stakeholders are** | Maintain and update the stakeholder register, including stakeholders' needs and expectations. Ensure that all relevant stakeholder groups are included building on pre-identified and registered I&APs. | All |
| | A representative database would include all relevant local government, service providers and contractors, indigenous populations, local communities, Traditional Authorities (TAs), NGOs, shareholders, the investment sector, community-based organizations, suppliers and the media. | All |
| | Ensure that marginalized and vulnerable groups are also considered in the stakeholder communication process. | All |
| | Record partnerships as well as their roles, responsibilities, capacity and contribution to development. | All |
| **Liaising with interested and affected parties at all phases in the mine life** | Devise and implement a stakeholder communication and engagement strategy. | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On-contract) | |

A stakeholder engagement plan is an important tool in ensuring that a good working relationship is maintained between the proponent and the community within which the activities are undertaken. It is crucial that this plan is developed in the same transparent manner and approach as the environmental assessment, and that it remains a living document which allows the stakeholder to engage with throughout the duration of the proposed activity.

Equally, it must be at all time readily available on request to all interested and affected parties for review and must provide clear procedures for how and where it can be accessed.

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# APPENDIX A: ENVIRONMENTALMANGEMENT PLAN

## OVERALL OBJECTIVES OF THE EMP

The following overall environmental objectives have been set for the Kasaya Mining exploration and mining development project:

- To comply with national legislation and standards for the protection of the environment.
- To limit potential impacts on biodiversity through the minimization of the footprint (as far as practically possible) and the conservation of residual habitat within the mine area.
- To keep surrounding communities informed of farming activities through the implementation of forums for communication and constructive dialogue.
- To develop, implement and manage monitoring systems to ensure good environmental performance in respect of the following: ground and surface water, air quality, noise and vibration, biodiversity and rehabilitation.

## KEEPING EMPS UP TO DATE

This Environmental Management Plan (EMP) document is designed to meet legal requirements and avoid or minimize the impacts associated with the implementation of Kasaya Mining exploration and mining development. It is the intention that this EMP should be seen as a "living document" which will be amended during the operation, as the activities might change or new ones be introduced.

Should a listed activity(s) as defined in the Environmental Impact Assessment Regulations: Environmental Management Act, 2007 (Government Gazette No. 4878) be triggered (as a result of future modifications/changes at the mine), this EMP will be updated as a result of another EIA process as stipulated in the regulations.

## IMPACTS MANAGEMENT / MITIGATION MEASURES

**Table 14. Impact on the Biophysical Environment – mining claims site Access and use of vehicles**

| Issue | Management commitment | Phase |
|---|---|---|
| **Understanding who the stakeholders are** | • Maintain and update the stakeholder register, including stakeholders' needs and expectations.<br>• A representative database would include all relevant local government, service providers, indigenous populations, Traditional Authorities (TAs), NGOs or community-based organizations<br>• Ensure that marginalized and vulnerable groups are also considered in the stakeholder communication process.<br>• Record partnerships as well as their roles, responsibilities, capacity and contribution to development. | All |
| **Liaising with interested and affected parties at all phases in the mine life** | Devise and implement a stakeholder communication and engagement strategy. | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

Table 15. Impact on the Biophysical Environment – mining claims site Access and use of vehicles

| Impact Event | Disturbances on Biodiversity in respect to access tracks | |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to impacts on biodiversity is to ensure that as much as possible, disturbance on biodiversity is avoided and prevented while the proposed prospecting activities is undertaken. | |
| | | |
| **Proposed Mitigation Measures** | • Strict compliance with the Park Management guidelines and EMP is recommended in respect to managing incidental events;<br>• Exploration activity must be limited to the pre-identified target areas belts within the mining claims area<br>• Unless necessary and agreed with the park management, no new access tracks shall be created and no lodging shall be allowed in sensitive zones | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

Table 16. Impact on the Biophysical Environment – Bulk sampling and ore extraction

| Impact Event | Disturbances on Biodiversity in respect to sampling and trenching activities | |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to impacts on biodiversity is to ensure that as much as possible, disturbance particularly on wildlife (poaching) and flora (clearing / damage) species is reduced and or prevented. | |
| | | |
| **Proposed Mitigation Measures** | • Strict compliance with the Forestry Act and Regulations in respect to vegetation clearing, Park Management guidelines and EMP is recommended in respect to managing incidental events;<br>• Should the proponent require clearing, removal and transplantation of any protected plant species – services of an appropriately qualified botanist / ecologists must be sought and relevant permissions obtained prior to any such activity being undertaken<br>• A plant survey must be conducted and all protected species clearly marked and protected prior to setting-up any sampling site and or digging any trench for geological sampling<br>• Exploration activity must be limited to the pre-identified target areas belts within the mining claims area thus reducing the spatial impacts to key areas of the mining claims<br>• Unless necessary and agreed with the park management, no new access tracks shall be created and no lodging shall be allowed in sensitive zones<br>• Temporary bins and spill kits must be provided to ensure that all waste material including hydrocarbons are well contained prior to final disposal at approved sites in either Otjimbingwe or Karibib Municipalities.<br>• Unless in an emergency, no equipment (vehicles and drill rigs) should be serviced in the field thus preventing unnecessary spillage of hydrocarbons | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

## IMPACTS ON THE SOCIO-ECONOMIC ENVIRONMENT

**Table 8. Impact on the Biophysical Environment – Waste Management (Effluent, Solid and Hydrocarbons)**

| Impact Event | Waste generation and disposal | Phase |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to waste generation is to ensure that the best scenic value and integrity of the affected environment maintained and or enhanced by reducing chances of littering through proper use of waste management facilities. | |
| | | |
| **Proposed Mitigation Measures** | • Environmental awareness is an important aspect of environmental management, therefore all project staff and service providers must be educated of the environmental compliance requirements and urged to comply accordingly on induction to the project site.<br>• Given that lodging is recommended to be at existing camp-sites and or lodges, this aspect shall be managed as part of the current property owners compliance requirements<br>• In the field, hydrocarbon waste shall be contained (in spill kits) and stored in appropriate heavy-duty plastic cabbage, transported to the nearest waste-oil recycling / solid waste disposal facility in Karibib Town / Otjimbingwe Settlement's<br>• A sufficient number of spill kits shall be acquired and strategically placed, particularly near every sampling site to ensure that timely response to any potential fuel and lubricant spills is conducted (should the project require any sampling activities to be undertaken). These shall include an on-site used oil disposal bin(s)<br>• Equally, effluent waste shall be managed in compliance with the lodging host's requirements, although during any sampling activities – temporary dry-pit toilet facility must be provided at every site. | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

**Table 9. Environmental Impact: Human Health and Safety**

| Impact Event | Prevention and mitigation of any health and safety hazards / risks | Phase |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to health and safety hazards is to ensure that the health, safety and protection of both the project staff and community receive priority in terms of budgetary provision and compliance | |
| | | |
| **Proposed Mitigation Measures** | • Strict compliance with the EMP is recommended in respect to managing incidental events;<br>• It is strictly advised that project staff ensures that in respect to Pandemics outbreaks, are tested prior to venturing in the field (and carries a health certificate indicating a negative result, which is not older than 72 hours)<br>• Carry sufficient First Aid equipment to ensure that minor injuries reduces need to access local health facility and therefore minimizing potential strain on local services<br>• Strict compliance with national health protocols as and when directive are issued in respect to any disease outbreak and or recurring pandemics such as HIV / AIDS and Pandemics outbreaks<br>• Strict ban on use of any toxic substances within and during the working environment must be prohibited and serious punitive actions taken against any transgressors is recommended. | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

Table 10. Impact on the Social Environment – Air and Noise Pollution

| Impact Event | Disturbances to the social environment | Phase |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to ambient air quality and sense of place / noise nuisance is to ensure that all possible receptors are identified and practical measures are put in place to reduce these impacts and or respond with appropriate mitigation to complaints | |
| | | |
| **Proposed Mitigation Measures** | • Strict compliance with the EMP is recommended in respect to managing incidental events;<br>• Noise complaint register must be kept and maintained regularly with mitigation measures adopted accordingly.<br>• All excessive noise generating activities must be strictly carried out during the day between 08h00 (am) and 17h00 (pm) week days only.<br>• Conditions of the Environmental Clearance Certificate and Surface-use Agreement (with the relevant Traditional Authority / Otjimbingwe Settlement Office and Town) must be accordingly adhere to.<br>• As much as possible, it is recommended that vehicles with the most minimum footprint are used such as smallest excavator and or portable drill rig (drawn on a trailer). | |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

Table 11. Impact on the Social Environment – Culture, Heritage and Scenic values

| Impact Event | Disturbances to the heritage and scenic value of the environment | Phase |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to impacts on cultural and archaeological heritage integrity is to ensure that at all times, project staff are vigilant of the potential to intrude, disturb and or damage important artifacts and therefore must avoid wondering onto any protected and or sensitive known or identified site. | |
| | | |
| **Proposed Mitigation Measures** | • Strict compliance with the EMP is recommended in respect to managing incidental events<br>• Contractors working on the site should be made aware that under the National Heritage Act, 2004 (Act No. 27 of 2004) any items protected under the definition of heritage found in the course of development should be reported to the National Heritage Council<br>  • The chance finds procedure as outlined in the EMP must be implemented at all times, and.<br>  • Detailed field survey should be carried out if suspected archaeological resources or major natural cavities / shelters have been unearthed during the proposed exploration and test mining operations. | |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

Table 12. Impact on the Economic Aspect

| Impact Event | Disturbances on social and economic aspects | Phase |
|---|---|---|
| **Desired mitigation outcome** | The objective of the mitigation in respect to economic impacts relating to the proposed activity, is to ensure that potential negative economic impacts on other and existing land-use are prevented, reduced and or mitigated and the positive ones enhanced. | |
| | | |
| **Proposed Mitigation Measures** | • It is critical that timely and continuous communication and dissemination of information with the local community is ensured to alleviate potential sense of social marginalization, drive gender equality and enhance the understanding and perception of the benefits associated with Kasaya Mining activities<br>• To enhance the positive impacts relating to marginal net benefits for the micro-economy (local residence of Witvlei Village and the region at large) and national economy at larger, legislative provisions to Affirmative Action and Labour Welfare must be observed<br>• It is strictly recommended that Kasaya Mining negotiates and signs a Surface Use Agreement detailing aspects of conduct and benefit distribution with all key stakeholder i.e. Traditional Authority / Otjimbingwe Settlement Office, Park and other Operators or support institutions e.g. NGOs / CSOs) | All |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

Table 13. Site Closure and Rehabilitation

| Impact Event | Disturbances on social and economic aspects | Phase |
|---|---|---|
| **Desired mitigation outcome** | The Proponent will commit to establishing a rehabilitation plan as part of the mine closure plan. A conceptual mine closure plan with costing is under development must be compiled by InterContinental Mining in association with Enviro-Leap and forms part of the environmental compliance and monitoring programme. | |
| | | |
| **Proposed Mitigation Measures** | • Kasaya Mining shall submit regular (bi-annual or annual Environmental Reports) to the relevant Ministry stating the exploration activities and environmental performance of the project.<br>• Staff of the MET or Ministry of Mines and Energy may at any time inspect the exploration area. Internal and external monitoring should involve InterContinental Mining's safety and environmental officer and members of the MEFT.<br>• Should the decision be taken that the project is not economically viable the area will be rehabilitated. The rehabilitation measures that are set out in the Rehabilitation Plan (to be compiled and approved by MEFT) are binding to all personnel on site including the crew and contractors. | Closure |
| **Responsibility** | Kasaya Mining and Enviro-Leap Consulting (On contract basis) | |

# APPENDIX B: PUBLIC CONSULTATION



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## CLASSIFIEDS

### PUBLIC NOTICE

**CALL FOR REGISTARTION AS INTERESTED & AFFECTED PARTIES**

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED PROSPECTING IN RESPECT TO BASE AND RARE METALS, INDUSTRIAL MINERAL, PRECIOUS METALS ON MINING CLAIMS 75536 – 75664, NORTHWEST OF OTJIMBINGWE IN ERONGO REGION

PROJECT SITE AND DESCRIPTION

Clcintra Investments Namibia cc (the Proponent), intends to apply to obtain an Environmental Clearance Certificate for their proposed prospecting activities in respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75536, 75537, 75538, 75539, 75540, 75549, 75661, 75662, 75663 and 75664 in the Erongo Region. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis, and small-scale mining operation. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

PUBLIC PARTICIPATION PROCESS

Enviro-Leap Consulting invites all Interested and Affected Party (I & AP) to register and receive Environmental Assessment (BID, Scoping and EMP) documents relating to the proposed project for their comments and input.

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **05 December 2025.**

**COMMENTS AND QUERIES**
Please register and direct all comments, queries to:

**Mr. Lawrence Tjatindi,**
**Environmental Assessment Practitioner**
**Email:** *eap.trigen@gmail.com*

ENVIROLEAP CONSULTING cc

### PUBLIC NOTICE

**CALL FOR REGISTARTION AS INTERESTED & AFFECTED PARTIES**

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED PROSPECTING IN RESPECT TO BASE AND RARE METALS, INDUSTRIAL MINERAL, PRECIOUS METALS ON MINING CLAIMS 75296 AND 75297, NORTHWEST OF OTJIMBINGWE IN ERONGO REGION

ERONGO REGION

PROJECT SITE AND DESCRIPTION

Kasaya Mining cc (the Proponent), intendsto apply to obtain an Environmental Clearance Certificate for their proposed prospecting activities in respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75296 and 75297 in the Erongo Region. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis, and small-scale mining operation. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

PUBLIC PARTICIPATION PROCESS

Enviro-Leap Consulting invites all interested and Affected Party (I & AP) to register and receive Environmental Assessment (BID, Scoping and EMP) documents relating to the proposed project for their comments and input.

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **05 December 2025.**

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**Environmental Assessment Practitioner**
**Email:** *eap.trigen@gmail.com*

ENVIROLEAP CONSULTING cc

### PUBLIC NOTICE

**CALL FOR REGISTARTION AS INTERESTED & AFFECTED PARTIES**

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED PROSPECTING IN RESPECT TO BASE AND RARE METALS, INDUSTRIAL MINERAL, PRECIOUS METALS ON MINING CLAIMS 75268 AND 75269, 75270 – 75275, SOUTH-WEST OF OTJIMBINGWE IN ERONGO REGION

ERONGO REGION

PROJECT SITE AND DESCRIPTION

Kasaya Mining cc (the Proponent), intendsto apply to obtain an Environmental Clearance Certificate for their proposed prospecting activities in respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75268 and 75269, and 75270, 75271, 75272, 75273, 75274 and 75275 in the Erongo Region. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis, and small-scale mining operation. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

PUBLIC PARTICIPATION PROCESS

Enviro-Leap Consulting invites all Interested and Affected Party (I & AP) to register and receive Environmental Assessment (BID, Scoping and EMP) documents relating to the proposed project for their comments and input.

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **05 December 2025.**

**COMMENTS AND QUERIES**
Please register and direct all comments, queries to:

**Mr. Lawrence Tjatindi,**
**Environmental Assessment Practitioner**
**Email:** *eap.trigen@gmail.com*

ENVIROLEAP CONSULTING cc

### PUBLIC NOTICE
### ENVIRONMENTAL IMPACT ASSESSMENT & PUBLIC CONSULTATION PROCESS

Notice is hereby given that an Environmental Impact Assessment (EIA) and Public Consultation Process (PCP) are being conducted in terms of the Environmental Management Act (EMA) and EIA Regulations with respect to a listed activity as more or less described in this notice.

On completion of the aforesaid studies, an application for an Environmental Clearance Certificate (ECC) will be made to the Office of Environmental Commissioner (OEC) in the Ministry of Environment, Forestry and Tourism (MEFT) for consideration in terms of the applicable provisions of EMA by the Environmental Commissioner.

| | |
|---|---|
| Listed Activity | • Rezoning of Portion of Remainder of Portion B of the Farm Luderitz Town and Townlands No. 11 which measures about 100 000 m2 (10 ha) from 'Undetermined; to Industrial.<br>• Installation of bulk services: water, electricity, sewerage, etc. on rezoned portion which measures about 100 000 square meters (10 ha)<br>GPS Coordinates: -26.678051 S 15.160481 E |
| Promoter : | Beginkuumba Port Services (Pty) Ltd |
| EIA Consultant: | Ekwao Consulting<br>Fax: 088 645 026 Cell: 081 418 3125 & ekwao@iway.na |
| Closing Date: | Interested and Affected Parties (IAPs) are hereby invited to register for the EIA and to submit their comments and/or concerns with respect to the envisaged development to Ekwao Consulting during the consultation period: 7 November to 28 November 2025<br>A Background Information Document (BID) is available upon inquiry |

### VACANCY

Century Medical Laboratories
CML
"Serving Our Clients Thru Quality, Convenience & Speed"

**Century Medical Laboratories is an equal opportunity employer and invites proactive, professional, caring, ethical person to apply for the following position:**

**Position:** Medical Laboratory Scientist
**Requirements:**

- Bachelor of Medical Laboratory Sciences Degree
- Minimum of 3 years' experience in the laboratory environment.
- Valid license to practice the profession, must be registered with HPCNA.
- Must be competent in Blood Transfusion, Haematology, Chemistry, Microbiology and Serology
- Experience in molecular techniques will be an added advantage.
- Clear understanding of Laboratory Quality management systems as per ISO 15189:2022 requirements
- Namibian citizen or eligible to work within Namibia.

Should you meet the above-mentioned requirements, kindly forward your CV and all certified supporting documents to: **admin@cmlmedlab.com**

NBI Documents should be in PDF format.
Due date: **25 November 2025**

### VACANCY

**Atenu Developments CC**

**Position:** Design and Projects of Head
Experience requirements: 10 years of management in the construction industry, 7 years of experience in construction in rural areas, Project Management Certification, Budget control and previous leadership in materials procurement. Use of Autocad, Revit, Project MS, Office and Adobe Suite.
Fluency in English.

All candidates interested please send your CV to: samuel@operfin.com

**Atenu Developments CC**

**Position:** Procurement clerk
Experience requirements: 5 years of experience in the construction industry, in the area of procurement of materials, use of Autocad, Office suite.
Fluency in English.

**All candidates interested please send your CV to: samuel@operfin.com**

### VACANCY

**Dev Trading Enterprises (Pty) Ltd, Namibia**

Dev Trading Enterprises (Pty) Ltd., is looking for experienced and skilled professional to join our team in Khorixas, Namibia.
We offer a dynamic work environment and work opportunities for growth.

**Position available:**
**Project Manager:**

- A skilled individual with minimum 11-12 yrs of experience in mining project handling.
- Must have Degree in Mining Engineering

Selected candidates will receive detailed roles and responsibilities upon appointment.

Application process: Interested candidates should send their CV to devtrading.na@gmail.com

**Application Deadline: 21.11.2025**


Photo: Contributed

# Nam Exported 49,051 kg of Hides and Skins in September 2025

Nghiinomenwa-vali Hangala

The September 2025 statistics on livestock marketing have indicated that Namibia has exported 49,051 kilograms of animal skins stripped from slaughtered animals.

These are referred to as hides and skins exports and are used in the production of leather products such as shoes, bags, and sofas.

The export statistics are provided by the Livestock and Livestock Products Board of Namibia in the September 2025 cattle marketing updates.

All 49,051 kg that was exported in September 2025 went to South Africa; no consignments were recorded to other markets in the month.

According to a short assessment made by The Villager, leather products, especially leather bags in Namibia, were made in South Africa. This means Namibia exports raw materials to South Africa and receives the finished products in return.

> **The monthly pattern broadly tracks cattle slaughter trends; lower abattoir throughput has limited raw material availability.**

Year-to-date hides and skins exports totalled 824,834 kg by the end of September 2025.

This is part of the animal skins collected from the 141,429 head of cattle slaughtered since the beginning of the year. According to the Board, the animal skin exports for the month are linked to the number of local slaughterhouses.

"The monthly pattern broadly tracks cattle slaughter trends; lower abattoir throughput has limited raw material availability," the Board wrote.

Namibia did not just export raw skin to South Africa, it also exported live animals.

Live exports reached 7,711 heads, representing a 34% decline from 11,690 cattle exported during the same month in 2024.

Export destinations remained concentrated, with South Africa absorbing about 98% of live exports (7,025 heads), followed by consignments to the DRC (544) and Zimbabwe (86).

Year-on-year, marketing also dropped by 30.8%, from 26,345 heads in September 2024 to 18,224 heads in 2025, and recorded a further decline of 10.1% month-on-month.

Total cattle marketed year-to-date stood at 156,297 heads, compared to 314,466 heads over the same period last year.

This shows a decline of 50.3% from last year.

According to the Board, this underscores subdued throughput at both A and B&C Class abattoirs, following a similar trend.

The livestock sector remains under supply pressure, with most subsectors recording lower marketing volumes due to a constrained supply of market-ready animals across key marketing channels.

*erastus@thevillager.com.na*

To place a classifieds advert with us, please contact
Ms. Fransina Fredericks
T: +264 (61) 246 136 E: fransina@confidentenamibia.com
C: +264 81 231 7332

# CLASSIFIEDS

## PUBLIC NOTICE

**CALL FOR REGISTARTION AS INTERESTED & AFFECTED PARTIES**

**ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED PROSPECTING IN RESPECT TO BASE AND RARE METALS, INDUSTRIAL MINERAL, PRECIOUS METALS ON MINING CLAIMS 75536 – 75664, NORTH WEST OF OTJIMBINGWE IN**

**ERONGO REGION**

PROJECT SITE AND DESCRIPTION

Clcintra Investments Namibia cc (the Proponent), Intends to apply to obtain an Environmental Clearance Certificate for their proposed prospecting activities in respect to Base and Rare Metals, industrial Mineral, Precious Metals on Mining Claims 75536, 75537, 75538, 75539, 75540, 75549 75661, 75662, 75663 and 75664 in the Erongo Region. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis, and small-scale mining operation. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

PUBLIC PARTICIPATION PROCESS

Enviro-Leap Consulting invites all interested and Affected Party (I & AP) to register and receive Environmental Assessment (BID, Scoping and EMP) documents relating to the proposed project for their comments and input.

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **05 December 2025.**

**COMMENTS AND QUERIES**
Please register and direct all comments, queries to:

**Mr. Lawrence Tjatindi,**
**Environmental Assessment Practitioner**
**Email:** *eap.trigen@gmail.com*

ENVIROLEAP CONSULTING cc

## PUBLIC NOTICE

**CALL FOR REGISTARTION AS INTERESTED & AFFECTED PARTIES**

**ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED PROSPECTING IN RESPECT TO BASE AND RARE METALS, INDUSTRIAL MINERAL, PRECIOUS METALS ON MINING CLAIMS 75296 AND 75297, NORTHWEST OF OTJIMBINGWE IN ERONGO REGION**

**ERONGO REGION**

PROJECT SITE AND DESCRIPTION

Kasaya Mining cc (the Proponent), Intendsto apply to obtain an Environmental Clearance Certificate for their proposed prospecting activities in respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75296 and 75297 in the Erongo Region. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis, and small-scale mining operation. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

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**ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED PROSPECTING IN RESPECT TO BASE AND RARE METALS, INDUSTRIAL MINERAL, PRECIOUS METALS ON MINING CLAIMS 75268 AND 75269, 75270 – 75275, SOUTH-WEST OF OTJIMBINGWE IN ERONGO REGION**

**ERONGO REGION**

PROJECT SITE AND DESCRIPTION

Kasaya Mining cc (the Proponent), Intendsto apply to obtain an Environmental Clearance Certificate for their proposed prospecting activities in respect to Base and Rare Metals, Industrial Mineral, Precious Metals on Mining Claims 75268 and 75269, and 75270, 75271, 75272, 75273, 75274 and 75275 in the Erongo Region. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis, and small-scale mining operation. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

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**Environmental Assessment Practitioner**
**Email:** *eap.trigen@gmail.com*

ENVIROLEAP CONSULTING cc

## PUBLIC NOTICE
## ENVIRONMENTAL IMPACT ASSESSMENT & PUBLIC CONSULTATION PROCESS

Notice is hereby given that an Environmental Impact Assessment (EIA) and Public Consultation Process (PCP) are being conducted in terms of the Environmental Management Act (EMA) and EIA Regulations with respect to a listed activity as more or less described in this notice.

On completion of the aforesaid studies, an application for an Environmental Clearance Certificate (ECC) will be made to the Office of Environmental Commissioner (OEC) in the Ministry of Environment, Forestry and Tourism (MEFT) for consideration in terms of the applicable provisions of EMA by the Environmental Commissioner.

| | |
|---|---|
| Listed Activity | • Rezoning of Portion of Remainder of Portion B of the Farm Luderitz Town and Townlands No. 11 which measures about 100 000 m2 (10 ha) from 'Undetermined; to Industrial.<br>• Installation of bulk services: water, electricity, sewerage, etc. on rezoned portion which measures about 100 000 square meters (10 ha)<br>GPS Coordinates: -26.678051 S 15.160481 E |
| Promoter : | Beginkuumba Port Services (Pty) Ltd |
| EIA Consultant: | Ekwao Consulting<br>Fax: 088 645 026 Cell: 081 418 3125 & ekwao@iway.na |
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- Must be competent in Blood Transfusion, Haematology, Chemistry, Microbiology and Serology
- Experience in molecular techniques will be an added advantage.
- Clear understanding of Laboratory Quality management systems as per ISO 15189:2022 requirements
- Namibian citizen or eligible to work within Namibia.

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NB! Documents should be in PDF format.
Due date: **25 November 2025**

## VACANCY

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**Position:** Design and Projects of Head
Experience requirements: 10 years of management in the construction industry, 7 years of experience in construction in rural areas, Project Management Certification, Budget control and previous leadership in materials procurement. Use of Autocad, Revit, Project MS, Office and Adobe Suite. Fluency in English.

All candidates interested please send your CV to: samuel@operfin.com

**Atenu Developments CC**

**Position:** Procurement clerk
Experience requirements: 5 years of experience in the construction industry, in the area of procurement of materials, use of Autocad, Office suite. Fluency in English.

**All candidates interested please send your CV to: samuel@operfin.com**

## NOTICE OF ENVIRONMENTAL ASSESSMENT AND PUBLIC PARTICIPATION PROCESS

Junior Baiano Industrial Consultants cc hereby gives notice to all potentially Interested and Affected Parties (I&APs) that an application will be made to Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 6 February 2012) for the following activity:

**PROJECT DESCRIPTION:**
Proposed mineral exploration and prospecting activities on EPL 10248

**PROJECT LOCATION:**
Kamanjab district, Kunene Region

**PROPONENT:** Cancun Gold (Pty) Ltd

IAPs are invited to register with the consultant and give their comments and concerns in writing. Please take note of the following:

**PUBLIC MEETING:**
Date: Friday, 29 November 2025
Venue: Kamanjab Community Hall
Time: 11h00 am

To register or request for documents please submit your name, contact information and interest in the project, in writing to:

**Mr Nghiyolwa, Fredrich**
Tel: +264 (0) 81 147 2029 / +264 81 209 5996
Email: juniorb200581@gmail.com

# Ohangwena II Water Supply Scheme Project to Cost N$250 Million


Loise Shimi

President Netumbo Nandi-Ndaitwah announced that the Ohangwena II Water Supply Scheme Project is estimated to cost N$250 million.

She made this statement during the project's inauguration on Thursday in Eenhana, in the Ohangwena Region.

The President underscored that the initiative aims to enhance existing water supply schemes and ensure a reliable and sustainable water source, targeting a projected demand of 10 million litres per day by the year 2037.

"This project is not being implemented in isolation; it is an integral part of the national water management system. It encompasses the Ohangwena II Aquifer, the new purification plant in Oshakati, the new purification plant in Rundu, and numerous related projects being carried out by the Ministry of Agriculture, Fisheries, Water, and Land Reform," she explained.

Nandi-Ndaitwah detailed that the Ohangwena II Water Supply Project is designed to provide dependable access to safe drinking water for communities along the Omafo-Eenhana route and the Omakango-Onambutu-Eenhana area.

This aligns with the government's infrastructure development goals to promote socio-economic growth as part of the national development agenda.

Reflecting on water access since Independence, Nandi-Ndaitwah stated that the government has prioritised water security as central to its developmental framework.

"From Kunene to //Kharas, and from the Zambezi to the Atlantic coast, we are dedicated to ensuring that every community, school, hospital, and household has access to clean and safe water," she stated.

Additionally, she announced the coming launch of the second phase of the Namibia Water Sector Support Programme (WSSP II). This phase will include initiatives such as the Omundaungilo-Omutsegwonime Bulk Water Pipeline Project. The pipeline infrastructure will convey water from the Ohangwena II Aquifer along its route to Omutsegwonime in the Oshikoto Region.

"Once operational, this pipeline will resolve long-standing water shortages and enhance supply reliability for communities between these two areas," she noted.

Another project is the Water Treatment Package Plants Project, which aims to improve immediate access to potable water. This initiative will install 15 water treatment units at existing ministerial boreholes throughout the Ohangwena and Oshikoto regions.

These facilities will treat saline groundwater, rendering it safe for human consumption, enhancing water quality and availability for thousands of households. Furthermore, she mentioned the Ohangwena Aquifer Climate Resilient Water Supply Project, which is designed to leverage the potential of the Ohangwena II Aquifer to provide sustainable, climate-resilient water solutions.

"This project seeks to expand groundwater infrastructure, reduce reliance on susceptible surface water sources, and introduce solar-powered treatment systems where necessary. By developing decentralised well fields and a 240-kilometre pipeline network, the project is set to benefit over 40,000 individuals in northern regions," she indicated.

Nandi-Ndaitwah also shared that the multifaceted project is estimated to cost N$4.8 billion.

In the meantime, Ohangwena Region governor, Kadiva Hamutumwa, reported that approximately 80% of residents in the Okongo constituency now have access to potable water.

"This development has allowed the region to actively invest in the agricultural sector, thereby working towards ensuring food security. However, constituencies such as Epembe, Oshikunde, Eenhana, and Omundaungilo largely rely on underground water sources, where many areas are affected by poor water quality - either saline or with high fluoride concentrations," she noted.

Moreover, she shared that to guarantee access to potable water, regional leadership is collaborating closely with NamWater to equip existing boreholes with desalination plants.

"This initiative will ensure that the Ohangwena Region fulfills its role in achieving the sixth National Development Plan (NDP 6) objectives regarding access to potable water for domestic, agricultural, and industrial purposes," she added.

# APPENDIX C: CONSENT FROM RELAVANT AUTHORTIY

Pre-MP
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09-04-20

REPUBLIC OF NAMIBIA

MINISTRY OF MINES AND ENERGY

**APPLICATION FOR THE REGISTRATION OF MINING CLAIM(S) (COMPANY)**

**Required in terms of Section 33 of the Minerals (Prospecting and Mining) Act, 1992 (Act 33 of 1992, hereinafter "the Act")**

**PLEASE NOTE THAT SECTION 25(1)(b) OF THE ACT PROVIDES THAT ONLY NAMIBIAN COMPANIES THAT ARE 100% OWNED BY NAMIBIAN CITIZENS MAY PEG MINING CLAIMS**

| Receipt No.: 074516 | Registered No.(s): 75268 – 75275 |
|---|---|
| Date entered in LANDFOLIO and by whom: | Comments by Drawing Office: |

MINISTRY OF MINES AND ENERGY REVENUE COLLECTION

Full Name of Company: ..... **Kasaya Mining CC** .....

Particulars of Incorporation:

Date of Incorporation: ...**22 March 2024**..... Company Registration No.: ..... **CC/2024/02198**...

Registered Address: ... **5007, Hans Dietrich Genscher Street, Windhoek**
Postal Address: **P O Box 4870, Windhoek**
Tel No.: **...+264 81 277 5555** Fax No.: .....NA.....
E-Mail: **mukendwa@gmail.com**

Principal Place of Business in Namibia: .....**Windhoek**

.....

Postal Address: **P O Box 4870, Windhoek** .....

Tel No.: ...**264 81 277 5555**..... Fax No.: .....NA..... E-Mail: ...**mukendwa@gmil.com**

| | Full Names of Director(s) | Nationality |
|---|---|---|
| 1. | **Mr. Kenneth Mbanga Mukendwa** | **Namibian** |
| 2. | | |
| 3. | | |
| 4. | | |

Authorised share capital of company: .....1000.....

Issued share capital of company: .....1000.....

Particulars of shareholders who beneficially own more that 5% of issued share capital:

| Full Name | Nationality | No. of shares held | % shares held |
|---|---|---|---|
| **Mr. Kenneth Mbanga Mukendwa** | Namibian | 1000 | 100 |
| | | | |
| | | | |

05.09.2024

Pre-App
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REPUBLIC OF NAMIBIA

MINISTRY OF MINES AND ENERGY

**APPLICATION FOR THE REGISTRATION OF MINING CLAIM(S) (COMPANY)**

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| Receipt No.: | Registered No.(s): |
|---|---|
| 0746791 | 75536 - 75540, 75549 |
| Date entered in LANDFOLIO and by whom: | Comments by Drawing Office: |

Full Name of Company: ..... **Oicintra Investment Namibia CC**
Particulars of Incorporation:

Date of Incorporation: ...**16 August 2024**..... Company Registration No.: ..... **CC/2024/06350**

Registered Address: ... **5007 Hans Gensher Dietrich Street, Khomasdal, Windhoek**
Postal Address: .....

Tel No.: **+264 81 277 5555**... ..... Fax No.: .....NA.....
E-Mail: **mukendwa@gmail.com**

Principal Place of Business in Namibia: .....**Windhoek**

.....

Postal Address: **P O Box 4870, Windhoek** .....

Tel No.: ...**+264 81 277 5555**..... Fax No.: .....NA..... E-Mail: ...**mukendwa@gmail.com**

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| 2. | | |
| 3. | | |
| 4. | | |

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Issued share capital of company: .....1000.....

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| Full Name | Nationality | No. of shares held | % shares held |
|---|---|---|---|
| Mr. Kenneth Mukendwa | Namibian | 1000 | 1000 |
| | Namibian | 500 | 50 |
| | | | |
| | | | |

# RESUME OF EAP

...a leap towards better environmental compliance.

*PROFESSIONAL PROFILE*

**Mr. LAWRENCE TJATINDI**
**Project Manager and Environmental Practitioner**


| | | | |
|---|---|---|---|
| ID Number : | 82110710012 | EMAIL: | eap.trigen@gmail.com |
| Country of Résidence : | Namibia | Cell: | +264-81-486-9948 |
| Nationality: | Namibian | | |


## PROFESSIONAL OVERVIEW

**Experience Internationally:**

Countries worked: Namibia

Languages: English (*fluently written, spoken and read*);
Otjiherero (fluently spoken, written and read)
Afrikaans (*well spoken, fairly written and read*)

Languages: Project Management
Tailings Risk and water balance
Waste water treatment technologies
Feasibility studies – Mining Projects
Water Supply and reticulation design

## ACADEMIC QUALIFICATIONS:

| | | |
|---|---|---|
| 2009 | University of Stellenbosch | *Senior Management Development Program (Business School)* |
| 2007 | University of Cape Town | *Bachelor of Science in Chemical Engineering* |

## EMPLOYMENT RECORD:

**May 2022 - Current: Enviro-Leap Consulting Cc**
**Position: Project Management and Environmental Practitioner**

- Update stakeholder register and manage engagement plan
- Conduct environmental compliance inspections and audits
- Represent Enviro-Leap at stakeholder engagement meetings
- Coordinate closure and rehabilitation of mining development projects
- Attend site visits for new projects
- Meet with clients to align requirements with Enviro-Leap' s output.Compile and review environmental policies and audits

**January 2018 – April 2022 (fixed- term 4 plus years)**
**Position: Senior Engineer – Water and Tailings Risk Management: Dundee Precious Metal Tsumeb Smelter**
**Responsibilities:**

- Waste water treatment and effluent quality compliance monitoring
- Ensure compliance with water abstraction permit
- Internal auditing of Tailings compliance with corporate standards and international good practice
- Operationalization of recommendations from Expert reviews and mandatory audits.
- Ensure tailings operation is in line with design specifications
- Provide specifications that feeds into the tailings design tables


P. O. Box 25874, Windhoek +264-81-486-9948 eap.trigen@gmail.com

April 2015 – December 2017
Position: Senior Metallurgist – Product Recovery Section: Langer Heinrich Uranium Mine
Responsibilities:

- Technical advisor to the recovery section – Setting metallurgical Operating parameters
- Test work lead for Membrane technology – Nano Filtration, Ultra Filtration, Reverse Osmosis
- Test work lead for Ion exchange separation efficiency – NIMCIX and Fixed Bed ion exchange

August 2010 to July 2014
Position: Technical Metallurgist – Water Management and Tailings Planning: Rössing Uranium Mine
Responsibilities:

- Technical advisor to the tailings management team
- Recommend improvement initiatives for return dam solution
- Formulation of 5 year deposition planning

Position: Process Control Metallurgist
Responsibilities:

- Technical advisor for the recovery section of the refinery

Position: Test work Lead – Pre-feasibility study for heap leaching of low grade Uranium ore
Responsibilities:

- Lead the test work team for the feasibility study for Heap Leaching
- Write up of study findings
- Design test work program for the study

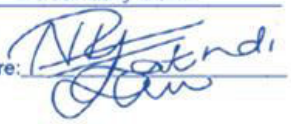
February 2007 – July 2010
Position: Graduate Metallurgist – Sulphuric acid and water treatment plant: Skorpion Zinc mine

- Completed graduate development program
- Junior area metallurgist for the acid and water section of the plant
- Custodian of water balance of the plant
- Metal accountant for the refinery section

CERTIFICATION

I, the undersigned, Shadrack Tjiramba, hereby certify to the best of my knowledge that the information provided herein correctly describe me, my qualifications and experience.

Date: 20 January 2024

Signature: 

P. O. Box 25874, Windhoek +264 81 622 9933: Email eap.trigen@gmail.com