

ENVIRONMENTAL SCOPING AND MANAGEMENT PLAN

Application for an
Environmental Clearance
Certificate for the
Proposed Base and Rare
Metal and Precious Metal
Prospecting Activities on
EPL 7413 and Mining claims
72998 and 72999, Orupupa
Conservancy, Kunene Region


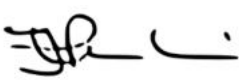

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Title	Application for an Environmental Clearance Certificate for the Proposed Base and Rare Metal and Precious Metal Prospecting Activities on EPL 7413 and Mining Claims 72998 & 72999	
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executive summary

Project Overview

Unanisa Hei Investment cc (herein referred to as the proponent, UHI), is a solely (100 % shareholding) Namibian owned and registered company, which ventures in mineral commodity exploration and mining. The company aims at prospecting and eventually developing mining ventures in respect to Base and Rare Metals and Precious Metals.

Hence UHI Mining has thus applied to obtain an EPL 7413 and Mining with a particular focus on exploring and potentially mining for Copper. To enhance potential impact mitigation, the proponent has an initial Area of Interest (AOI) area (~600 m²), which encompasses the proposed mining claims 72998 and 72999.

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 present 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.

Unanisa Hei Investment cc, is therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, Non-Nuclear Fuel, Nuclear Fuel, Precious / Semi-Precious Stone and Precious Metals.

Overall, the exploration activities is 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

Unanisa Hei Investment cc seek to undertake its business / operations on the Mining Claims 72998 and 72999 in the Kunene Region. Principally, the venture intends to explore for Copper (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 sampling, and develop the claims into 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.
- Sampling: Should analyses by an analytical laboratory be positive, holes are drilled and drill 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. However, at this stage the proponent does not intend to conduct any sampling activities.

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 Unanisa Hei Investment cc 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 Unanisa Hei Investment cc.'s 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, Unanisa Hei Investment cc 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

Based on the findings of the environmental scoping assessment, which concludes that all potential negative impacts associated to the proposed Unanisa Hei Investment cc's prospecting operations are minimal and practical mitigation measures are available. Equally, the positive impacts can be harnessed to increase the net marginal benefits relating to the socio-economic aspects of the operations.

The proposed operations is 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.

The following is a summary of the likely negative impacts that have been assessed for the different phases of the proposed exploration activities:

- i. Land use (Likely impacts are negligible; the mining claims area and sites are isolated from the distant settlements, and conservation zones).
- ii. Noise (Likely impacts are low as the site is far from residential areas).
- iii. Ecological and biodiversity loss (Likely impacts are localized and low).
- iv. Health and safety (Overall likely impacts are low with correct PPE).
- v. Solid and hazardous waste management (Likely impacts are low with a solid waste management plan and minimal hydrocarbon fuel use).
- vi. Socioeconomic (Likely negative impacts are low)

Taking into consideration the findings of the environmental scoping assessment process and given the national and regional strategic requirements for infrastructure development and economic growth, it is the opinion of the EAP that the project benefits outweigh the costs and that the project will make a positive contribution towards steering Namibia on its pathway towards its vision of becoming a Logistic Hub.

Provided that the specified mitigation measures are applied effectively, it is recommended that Unanisa Hei Investment cc Investments are issued with an ECC in terms of the Section 32 of the EMA No. 7 of 2007 and it's EIA Regulations of 2012.

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
GPS	Geographical Positioning System
MME	Ministry of Mines and Energy
MEFT	Ministry of Environment, Forestry and Tourism
IMF	International Monetary Fund
GPS	Geographical Positioning System
UN	United Nations

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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 an 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

Unanisa Hei Investment cc seek to undertake it business / operations on mining claims EPL 7413 and Mining Claims 72998 & 72999, in the Orupupa Conservancy. Principally, the joint-venture intends to explore for Copper (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 claims 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 Base and R lithium, cobalt and Copper

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.

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 Copper. A milestone in this respect is the establishment of Desert Lion Energy which began shipping Lithium concentrate from Namibia's first large-scale Copper mine in the Kunene region of Namibia in April 2018, thus opening p further opportunities for other international companies.

Unanisa Hei Investment cc, is therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals and Precious Metals.

1.2.1. Need and Desirability

Overall, the exploration activities is 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 Unanisa Hei Investment cc 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 Unanisa Hei Investment cc’s 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

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
The project is listed as an activity requiring an environmental clearance certificate as per the following points from Regulation 29(sub-regulation 3) of Government Notice No. 29 of 2012:	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 licenses (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.	
	3.3 Resource extraction, manipulation, conservation and related activities.	
The project is listed as an activity requiring an environmental clearance certificate as per the following points from Regulation 29(sub-regulation 9) of Government Notice No. 29 of 2012:	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)
	9.2 “Any process or activity which requires a permit, license or other form of authorization, or the modification of or changes to existing facilities for any process or activity which requires an amendment of an existing permit, license or authorization or which requires a new permit, license or authorization in terms of a law governing the generation or release of emissions, pollution, effluent or waste.”	In respect to the Petroleum Products and Energy Act 13 of 1990, the construction of fuel storage facility which may be an important component of the proposed activity requires a permit from a relevant authority.
	9.4 “The storage and handling of a dangerous goods, including petrol, diesel, liquid petroleum gas or paraffin, in containers with a combined capacity of more than 30 cubic meters at any one location.”	The project involves the haulage, fuel from near-by towns to the exploration site
	9.5 “Construction of filling stations or any other facility for the underground and aboveground storage of dangerous goods, including petrol, diesel, liquid, petroleum, gas or paraffin.”	Aspect of the project may t require the construction and maintenance of a fuel storage facility

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

1.4. EIA TEAM

Unanisa Hei Investment cc 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.

Table 2: The EIA Management Team

NAME	ORGANISATION	ROLE/ SPECIALIST STUDY UNDERTAKEN
Environmental Assessment Practitioners		
Shadrack Tjiramba	Enviro-Leap Consulting cc	Environment Practitioner
Vilho P. Mtuleni	Enviro-Leap Consulting cc	Internal Reviewer

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 Unanisa Hei Investment cc 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 is 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 alternatives focusing on the geographical, physical, biological, social, economic, heritage and cultural aspects of the environment;

- 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 the EPL 7413 and small-scale mining on Mining Claims 72998 & 72999, and or sourcing of copper ore from local small-scale miners on, 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 (as illustrated in **Figure 3**) on the broader EPL 7413 by way of excavating previously hand-dug pits and extracting samples for further laboratory analysis, while also on the small-scale mining for copper ore for financial sustainability on the mining claims 72998 and 72999.

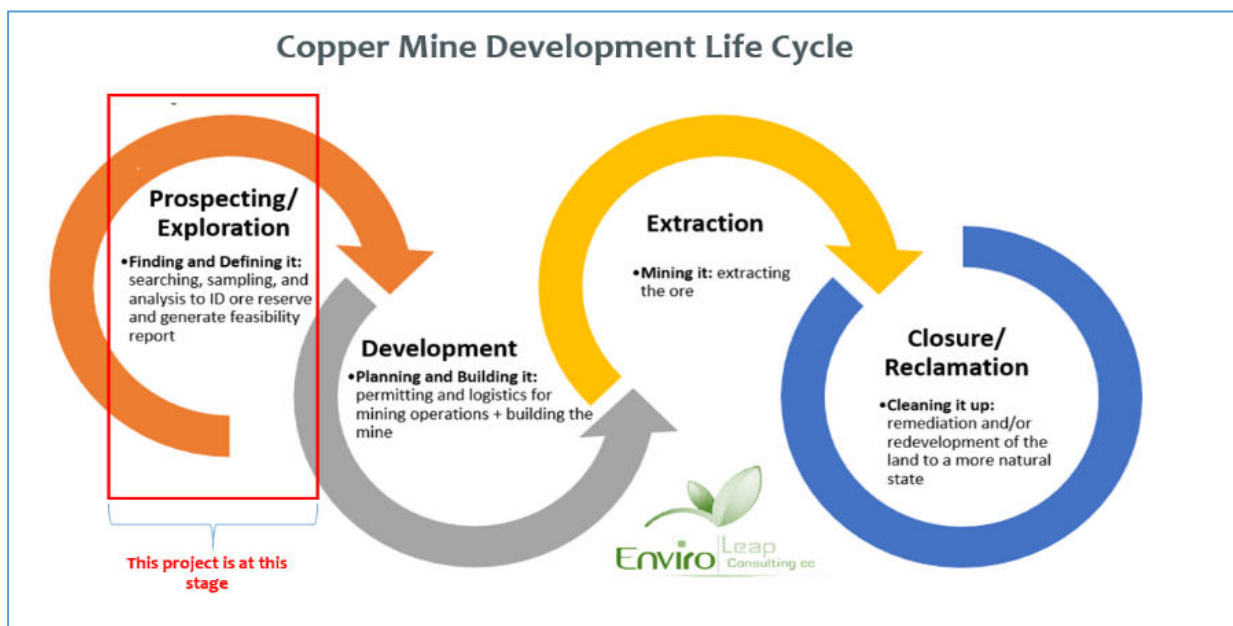


Figure 3: Mining development Model guiding the proposed exploration activities

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 and bulk sampling: 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 ($\pm 20\text{cm} \times 20\text{cm} \times 30\text{cm}$) 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 sourced), 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.

- **Drilling:** Should analyses by an analytical laboratory be positive, holes are drilled and drill 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 drilling options may be adopted, these are the reverse circulation drilling and/or diamond-core drilling.

A typical drilling site will consist of a drill-rig, drill core and geological samples store and a drill equipment parking and maintenance yard (including a fuel and lubricants storage facility).

A typical sampling site will consist of a front-end loaders and excavator equipment, and overburden material is excavated, Copper ore extracted and stored in large bags (see **Figure 4**) prior to being exported to and a drill equipment parking and maintenance yard (including a fuel and lubricants storage facility).



Figure 4: The Ore will be placed in Bags as per the picture above and then transported for market

2.2. DESCRIPTION OF COMMODITIES

2.2.1. Copper

Copper is a reddish metal with a face-centered cubic crystalline structure. It is found in the group *Ib* of the periodic table, together with silver and gold. Copper has low chemical reactivity. In moist air it slowly forms a greenish surface film called patina; this coating protects the metal from further attack (Lenntech, 2020b).

It is considered to be some of the minerals that has sparked international investors to undertake prospecting activities in Namibia after Copper-bearing minerals, deposits were as recent as 2018 discovered in the Kunene Region.

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 prospers and contribute to the national development goals by creating employment opportunities. Overall, this activity contribute 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

Namibia prides itself on being a country that is well endowed with minerals. The mining sector remains the major sector, contributing an average of more than 10% of GDP since independence. Although in the 1990s and the early 2000s, the contribution was mostly less than 10%, there has been a general increase in the mining sector contribution since 2012, as some new mines started operating. In 2018, the sector recorded its highest contribution to GDP of 14%, the highest since 2008 when the sector recorded a contribution of 17%.

Currently, 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.

Unanisa Hei Investment cc, were therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, and Precious Metals.

2.4. PROJECT LOCATION

The location (GPS Coordinates) of the proposed AOI extend (600 m²) which constitute Mining Claims EPL 7413 and Mining Claims 72998 and 72999 is situated in North-western Namibia (**Figure 5**), within the Opuwo Rural constituency and the Orupupa Conservancy in the Kunene Region and approximately 120 km west of Kamanjab Village.

Table 3: Corner coordinates of the proposed development site

Corner point	Latitude	Longitude
A – MCs 72998 Point 1	18°48'21.25"S	14° 9'28.08"E
B – MCs 72998 Point 2	18°48'20.99"S	14° 9'43.02"E
C – MCs 72998 Point 3	18°48'36.98"S	14° 9'27.01"E
D – MCs 72998 Point 4	18°48'38.00"S	14° 9'39.00"E
F – MCs 72999 Point 1	18°47'50.20"S	14° 9'5.99"E
G – MCs 72999 Point 2	18°47'50.03"S	14° 9'17.13"E
H – MCs 72999 Point 3	18°48'8.08"S	14° 9'15.99"E
I – MCs 72999 Point 4	18°48'7.03"S	14° 9'5.08"E
A – EPL 7413 Point 1	14° 1'32.63"E	14° 1'32.63"E
B – EPL 7413 Point 2	18°48'23.00"S	14° 2'37.60"E
C – EPL 7413 Point 3	18°48'39.56"S	14°14'22.05"E
D – EPL 7413 Point 4	18°49'59.61"S	14°15'26.83"E
F – EPL 7413 Point 5	18°56'36.34"S	14°12'41.72"E
G – EPL 7413 Point 6	18°51'58.17"S	14° 9'28.21"E
H – EPL 7413 Point 7	18°51'56.74"S	14° 2'30.85"E
I – EPL 7413 Point 8	18°51'8.39"S	14° 1'36.08"E

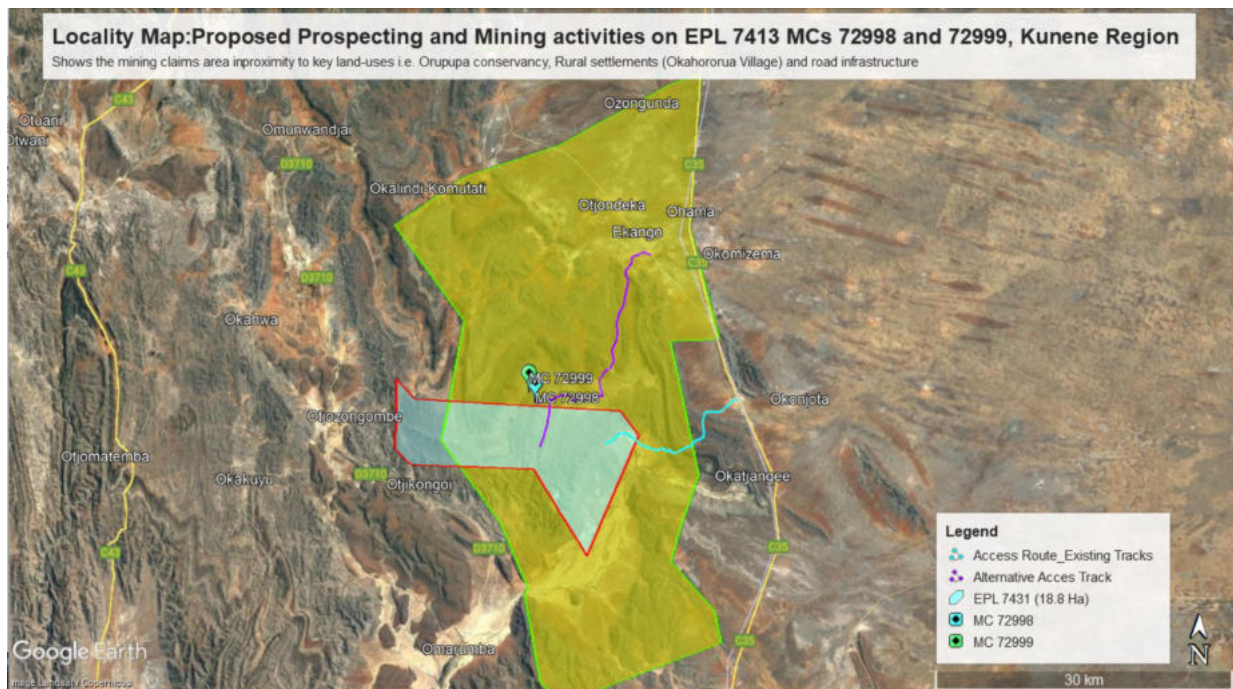


Figure 6: Locality map of the proposed Mining Claims 72998 & 72999 on EPL 7413 in the Kunene Region, Namibia.

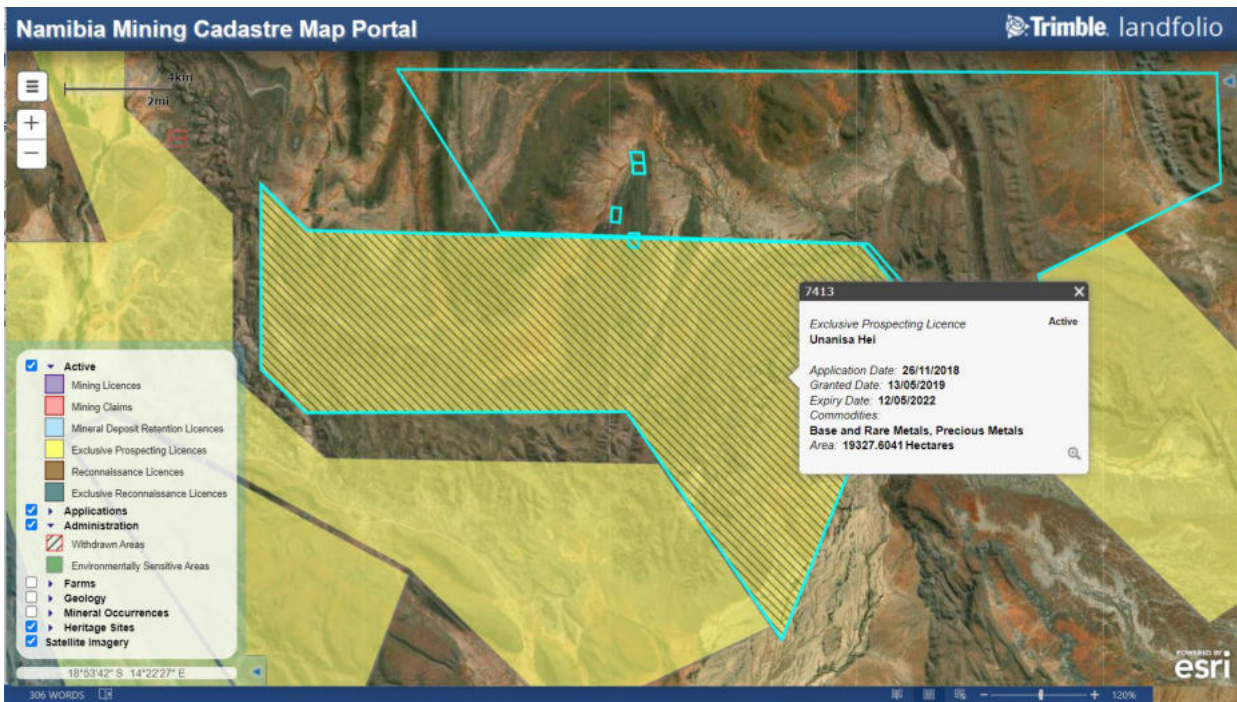


Figure 7: Locality map of the proposed mining claims in proximity to other mining licences (source: MME, 2022).

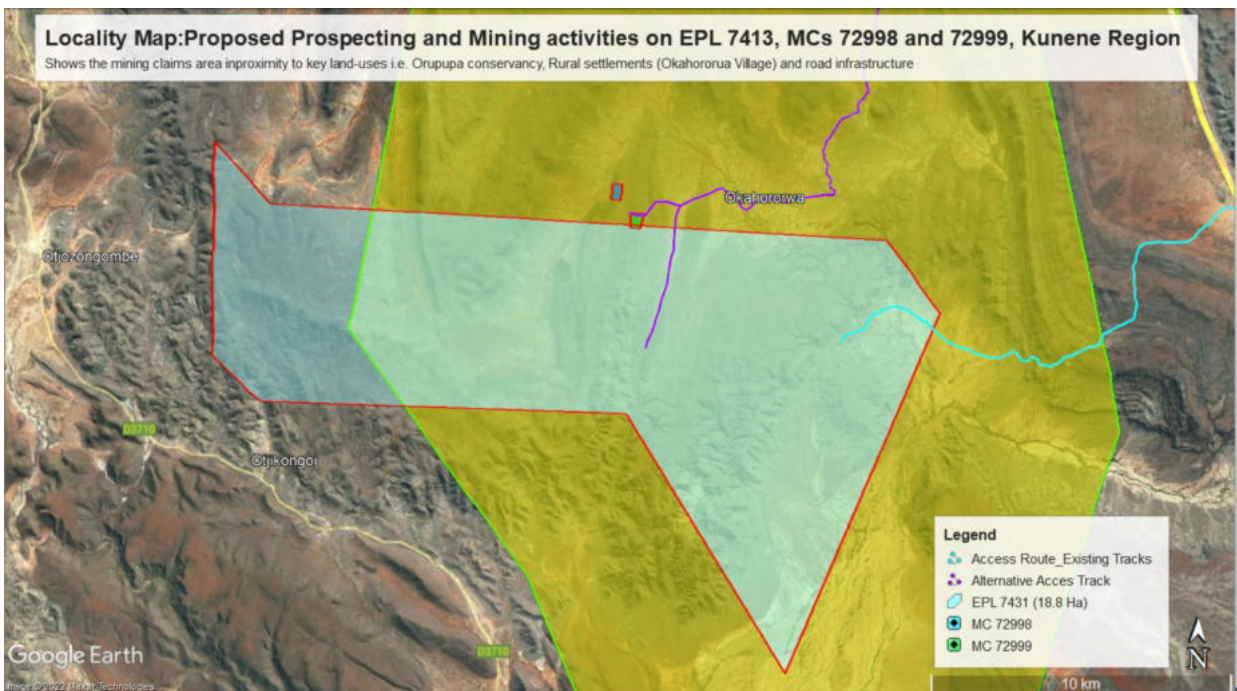


Figure 8: Locality map of the proposed mining claims in proximity to other mining licences (source: MME, 2022).

2.4. SUPPORTING INFRASTRUCTURE

2.4.1 Basecamp

Given the location of the mining claims and that it is situated in a national park, a base-camp consisting of shipping containers (already on-site see **Figure 9**, left by previous mining site owners) to house the equipment and for employees to guard the facility will be established and will be enclosed in 100m x 100m fence facility. Otherwise, it is strictly recommended that other staff members are accommodated at the closest lodging facility at Cape Cross and or

Henties Bay (whichever is practically suitable) and commute daily to and from the project site.



Figure 9: Shows current status of the Base-camp facility consisting of temporary tented accommodation

During the prospecting period, it is anticipated that about 15 – 20 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.

Therefore, it is highly recommended that temporary ablution facilities must be provided and limited to within the existing base-camp footprint pre-identified conservancy campsites, and the necessary authorization must be obtained prior to installation of any such facility.



Figure 10: Shows possible type of waste generated at small-scale copper mine i.e. aged packaging bags

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 **Figure 10**), 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 Henties Bay waste disposal site (refer to EMP commitments).

2.4.2 Water supply

Water will, at this stage only be required mainly for domestic use and will be sourced from the Henties Bay Municipality and transported by truck in 10 000 litres water tanks, thus equally stored in tanks at the base-camp site. Where portable ablution facilities are provided, it is recommended that they are emptied and sewer transported by the returning water supply truck.

2.4.3 Power supply

In case where the exploration activity advances to the bulk sampling (trenches) stage, the various machinery and equipment (front-end loader and excavator) required digging the trenches are self-powered by means diesel engines, hence there is need for on-site fuel (diesel) storage in either small mobile bowser or barrel drums 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.

2.4.4 Access roads / tracks

As far as is practicable, all site particularly the base-camp and sampling sites shall be accessed through existing tracks, therefore no new roads or tracks will be created. Overall, all access by vehicles must be limited to existing (Strathmore South) access track.

The area is accessible directly via the C35 road, connecting Kamanjab and Omakange Villages and then by district gravel road (D3709) turning off at Ourunduwozombara towards Otjondeka. From Otjondeka, the claims and EPL are accessed by existing local tracks also used by conservancy game guard for game patrols. Consequently the mining claims area is accessible by 2x4 / 4x4 pick-up vehicle by the existing tracks and otherwise, the sensitive section of the area will only be accessed by foot to ensure minimum impacts on the receiving environment

2.5. DECOMMISSIONING AND CLOSURE PHASE

Considering evidence of previous negligence of in regard to closure and site rehabilitation, it is necessary that measures are proposed in respect to managing the site on completion of the exploration activity, these are identified and presented in the appropriate Environmental Management Plan.

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

They proposed activity area falls within the Mopane Savanna, as the name suggests, *Colophospermum mopane* is the characteristic species of this vegetation type. The mopane occurs either as a shrub or a tree depending on local conditions. In some areas it forms dense woodland whereas in others it grows as a short-stemmed shrub intermingled with scattered trees. In the western parts toward the Namib Desert, which receive an annual rainfall of 50-100 mm, mopane is largely confined to depressions and small river-beds where it often grows together with *Balanites welwitschii*.



Figure 11: Shows prominent vegetation type within the proposed project area

Other components of Mopane Savanna are two species of *Sesamothamnus*, *S. benguellensis*, which occurs only along the Kunene River in the north-west and *S. guerichii* which is fairly well distributed over the western, central and southern parts of the Kaokoveld. The latter species, just as mopane, reaches the southernmost limits of its distribution in the Omaruru district.

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). The average maximum temperature at Cape Cross which is the closest settlement to the study area, ranges between 30°C - 36°C 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).

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 to 120 mm per annum, and this decreases along the east-west gradient to annual averages of less than 20 mm per annum. At Opuwo, the prominent winds blow from South-South-West (SSW) and East-North-East at speeds reaching more than 22 km/s (Robertson et al., 2012).

All of Namibia, except for the coastal plains, experiences humidity of below 30% during the day for much of the year - in the north-east for about six months, the north-centre for seven months, the central area for eight months and in the south for all 12 months. High temperatures and low humidity result in high rates of evaporation. Evaporation rates from an open body of water inland of the coastal plains range from about 2000 mm to over 2660 mm per annum (Olivier, 1995).

3.1.2 Geology

The EPL and claims are located within the Northern Zone (NZ) of the Damara orogenic belt, which is geologically characterised by rocks of the Nosib and Swakop Groups mainly. According to (Miller, 2008), this zone has been thrust northward over the Otavi, Mulden and pre-Damara rocks along the Khorixas-Gaseneirob thrust.

Nosib Group in the area is present to the west of the EPL, representing a tectonic window (fenster) where felsic pyroclastic rocks, ignimbrite, ash-flows and lavas strongly recrystallized of the upper Naauwpoort Formation are present. These units are overlain by the Swakop Group units of the Ugab Sub-group and Kuiseb Formation locally.

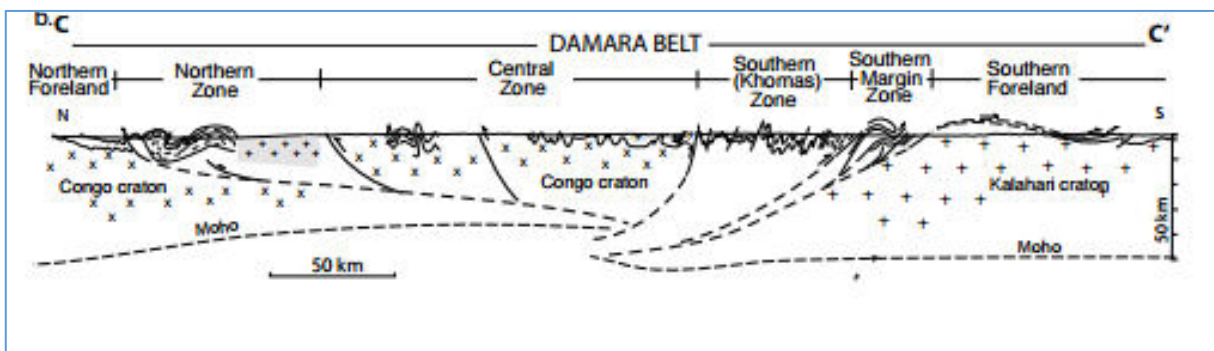


Figure 12: Schematic illustration of the Damara belt (Gray, et al., 2008)

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

The integrity and functioning of food webs, cycling of nutrients between organisms and their physical environment, and other ecological processes are essential to enable plants and animals (including people) to inhabit and survive in the Namib.

Areas of relatively high biodiversity value and that are sensitive to mining and prospecting activities have been identified and mapped. Some must be considered ‘wildlife breeding’ areas where mineral licence applications should preferably not be allowed, and some have been categorised as ‘tourism’ areas where mineral licence applications will be considered only after careful consideration.

The sensitive areas have been proposed on the basis of the following guiding principles:

- Areas with high levels of endemism and diversity;
- Conservation status of species;
- The extent to which habitats are threatened or vulnerable to disturbance; and
- Habitats or migration routes which are critical for species’ survival

These areas were designated during an expert stakeholder workshop. The boundaries are not based on scientific data, but on informed opinion; they must therefore be considered as indicative. In addition, the areas are not devoid of biodiversity; activities taking place outside the flagged areas will still need to be assessed (in an EIA) and carefully managed (according to an approved EMP).

Critically, the mining claims falls well outside these areas of biodiversity sensitivity and equally the areas initially identified as those of tourism sensitivity. However, recent evidence of Mining licences application assessment committee suggest that the mining claims falls within a communal conservancy. Although, there also evidence of previous mining (exploration or mineral extraction) activity in the proposed project site.

3.2 SOCIO-ECONOMICAL ENVIRONMENT

3.2.1 Demographic Profile

In 2010, the entire population of the coast numbered approximately 143,000 residents, three-quarters of whom were in the central section of the coast in the harbour city of Walvis Bay and the resort town of Swakopmund. North of Swakopmund, the only sizeable concentration of people is at Henties Bay (**Figure 13**) which has a resident population numbering about 4,500.

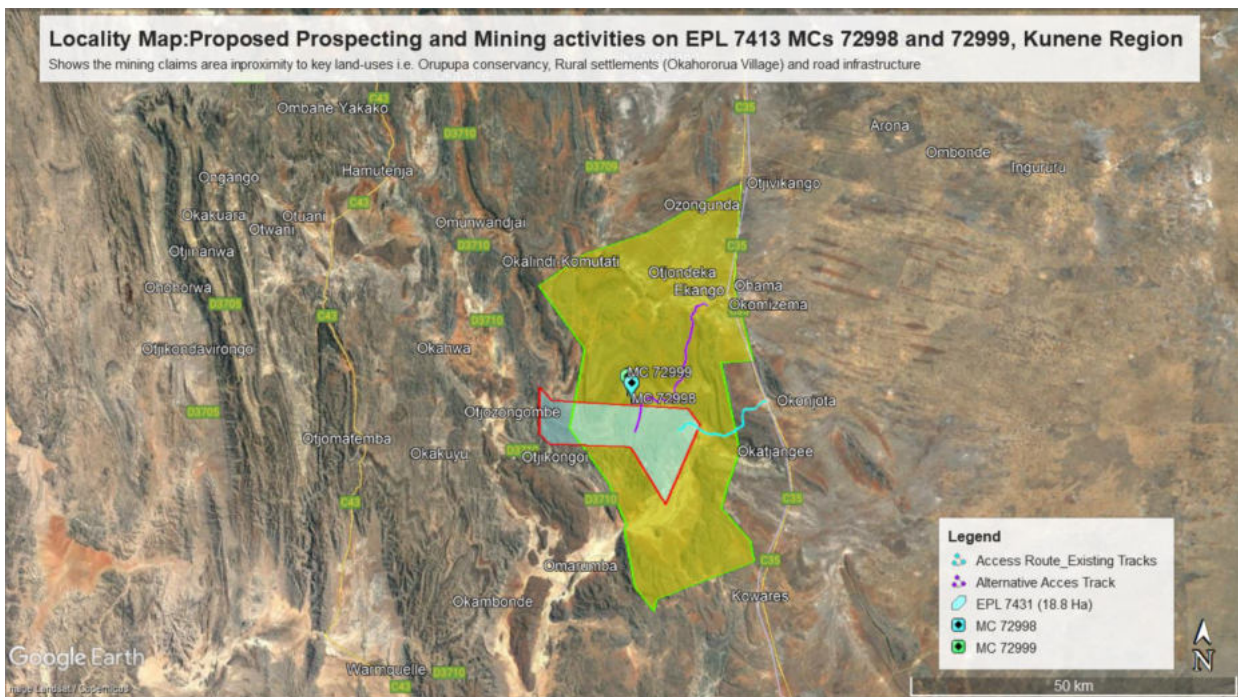


Figure 13: Show the growth in coastal population from the early 1990's to the 2000's

And to the north of this, along the 480 kilometre coastline of the infamous Skeleton Coast Park, the only residents are park staff, some police officers, tourist concession operators and scattered miners. In December 2010, the Orupupa Conservancy was proclaimed which includes the former NWCTRA and most of the former Walvis Bay enclave. This portion of the coast is popular with anglers and prior to its proclamation, was one of very few areas with open access to the general public.

The tiny Cape Cross Seal Reserve is surrounded by the Orupupa Conservancy. Established in 1968 to protect the largest mainland breeding colony of Cape Fur Seals in the world, the reserve also marks the spot where the first known European contact with Namibia was made in 1486 when Diego Cao erected a cross or padrao here.

3.2.2 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 includes 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 (Figure 14).

Some of these site types 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.

Therefore, given the nature, scope and scale of the proposed exploration activity and particularly that it entails minimum use mechanical equipment an archaeological specialist study was deemed not necessary although highly recommended for the next phase of the mine development projects. Critically, the proponent is cautioned to at all time strictly adhere with the search and find procedure in accordance with the stipulations of the Namibian National Heritage Act (No. 27 of 2004) in the highly unlikely event that artifacts are found in the mining claims area.

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:

- Pre-Quaternary palaeontological evidence in insignificant quantity and mainly in the vicinity of Palaeozoic shale outcrops more towards the Uis and other community settlements.
- Generalized occurrence of mid- to late Pleistocene to early Holocene artefact scatters primarily between the 21°25'24" and 21°39'40" South latitude.
- Moderately high density of late Holocene to recent pre-colonial archaeological sites throughout the extent of the claims area, including burial cairns and remains of nomadic pastoral encampments, as well as possibly of some rock art sites and rock shelter sites containing sealed occupation debris
- Generalized occurrence of colonial era sites, including farm settlements, battlefield sites and related remains.

Therefore, it remains necessary that in the absence of extensive heritage and culture studies in the region there remains a possibility of encountering numerous undeclared artefacts / sites of heritage importance. A search and find procedure (**Appendix C**) must be strictly followed in accordance with the stipulations of the Namibian National Heritage Act in the highly unlikely event that artefacts are found in the sand mining area.

4. APPROACH TO EIA PROCESS AND PUBLIC PARTICIPATION

This chapter presents the approach to the Environmental Scoping Assessment process, for the proposed Unanisa Hei Investment cc.'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 OVERVIEW OF 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 two local newspapers (**01-07 April** and **08 -13 April 2022**) and Windhoek Observer **05 April 2022**), with several responses or inputs were received (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 Unanisa Hei Investment cc.'s 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 Unanisa Hei Investment cc may not be undertaken without an Environmental Clearance Certificate.

4.3 LEGISLATION AND GUIDELINES 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 15.

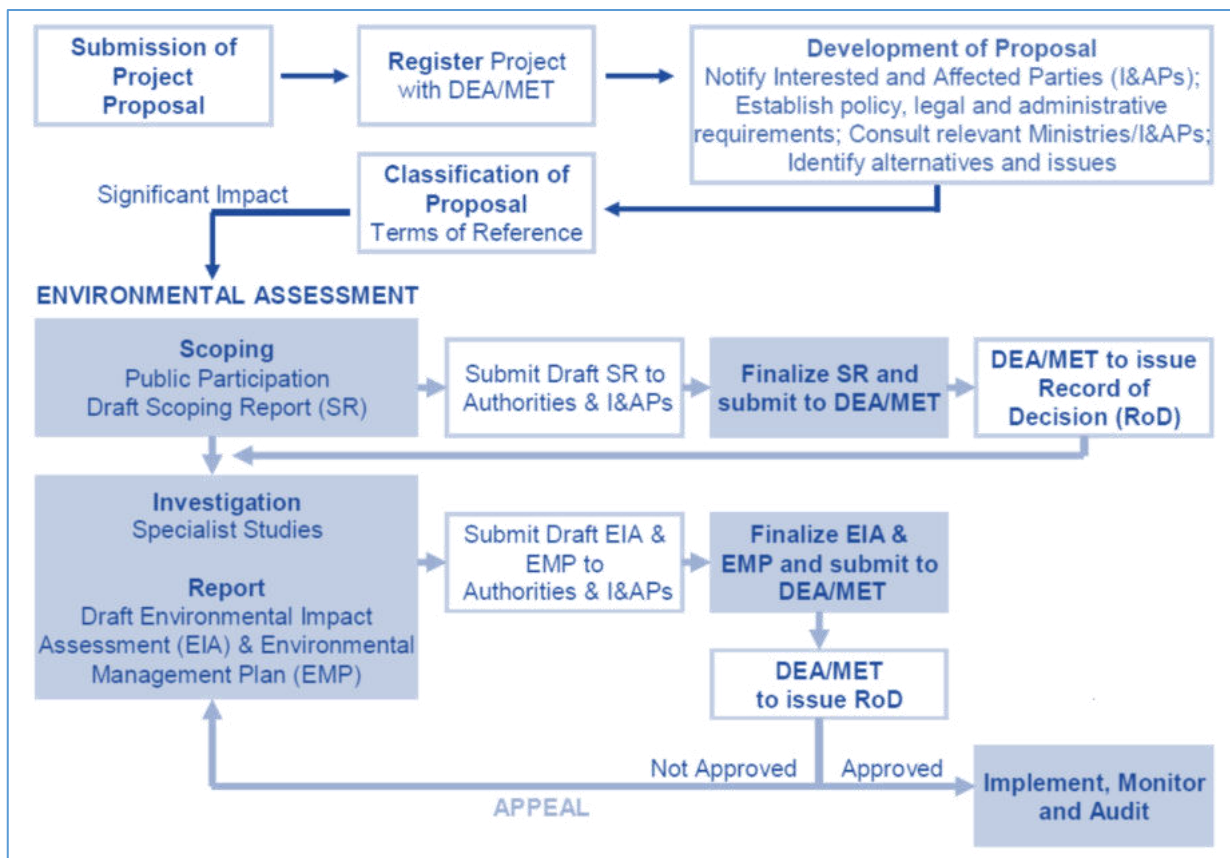


Figure 15: Illustration of the environmental assessment process in Namibia (Source: Risk Based Solution)

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	<ul style="list-style-type: none"> • Labour matters, rights and duties of employees. • Health and Safety of Employees Construction safety; • Electrical safety; Machinery safety; • 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)	<ul style="list-style-type: none"> • Establishment of the Social Security Commission • Administration of a pension and incidental matters fund – affirmative employment opportunities
The Forest Act	<ul style="list-style-type: none"> • Declaration of protected areas in terms of soils and water resources • Proclamation of protected species of plants and the conditions under which these plants can be disturbed, conserved, or cultivated.
Nature Conservation Amendment Act	<ul style="list-style-type: none"> • Declaration of protected areas and protected species.
National Heritage Act	<ul style="list-style-type: none"> • 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. Despite the national Lockdown due to the COVID19 pandemic, which affected the possibility for public meetings, adverts were placed consecutively (at 14 days interval) in two local newspapers the Namibian Sun (**01-07 April** and **08 -13 April 2022**) and Windhoek Observer **05 April 2022**) in order to notify and inform the public of the proposed projects and invite I&APs to register.

Overall, Enviro-Leap Consulting received only three registration of Interested and Affected Parties (I&APs) which consist of only one member of the public and two representatives of the Ministry of Environment, Forestry and Tourism’s department of Environmental Affairs

and Forestry which is also the relevant competent Authority in respect to obtaining an environmental clearance certificate for listed activities.

Complementary to the registration of I&APs, a public meeting was organised at the Uis Settlement's community hall, however with a very low attendance, where the proposed project was introduced to the community and inputs sought in attempt to ensure that the general public was afforded an opportunity to contribute the planning of the prospecting project.

Several advertisement posters were also distributed and posted at key social gathering sites in the Uis Settlement such as at the community hall, shopping and tourism information centres evidence of these are presented below.

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. Irreplaceable loss of resources.
	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 Unanisa Hei Investment cc.’s 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 (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.

5.1.5 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 Copper. Global Copper exploration and Development Company Lepidico Ltd. is developing a Copper mine in western Namibia and is in discussion with multiple U.S. companies on possible off-take for its Copper and by-products cesium and rubidium.

There are many other companies engaged in the exploration and mining activities for various metals / minerals including UHI Mining Namibia. This creates opportunities that attracts international investment to support increased exploration activities particularly with an interest in finding Copper. Unanisa Hei Investment cc, is therefore presented an opportunity to venture into the sector by undertaking an exploration programme in respect in respect to Base and Rare Metals, Dimension Stone, Industrial Minerals, Non-Nuclear Fuel Mineral and Precious Metals

A key consideration in respect to the proposed project alternatives, is that of the claim's location / site particularly considering that it falls within a park environment and in proximity to the Orupupa Conservancy. 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, especially of highly fragile lichen fields and breeding areas of endangered species, such as Damara Terns.					
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 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			
<ul style="list-style-type: none"> No Construction envisaged at this stage 	<ul style="list-style-type: none"> Accessing of claims area for surveys and sampling with project vehicles 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 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	<ul style="list-style-type: none"> Strict compliance with the Park Management guidelines and EMP is recommended in respect to managing incidental events; Exploration activity must be limited to the pre-identified pegmatites belts within the claims area 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	<p>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:</p> <ul style="list-style-type: none"> • Noise from sampling machineries and potential spill of hydrocarbons • Disturbance of habitats (protected plant species) and species displacement • 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		
<ul style="list-style-type: none"> • No Construction envisaged at this stage 	<ul style="list-style-type: none"> • Accessing of claims area for surveys and sampling with project vehicles • 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 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	<ul style="list-style-type: none"> • 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; • Exploration activity must be limited to the pre-identified pegmatites belts within the mining claims area thus reducing the spatial impacts to key areas of the claims • Unless necessary and agreed with the park management, no new access tracks shall be created and no lodging shall be allowed in sensitive zones • 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 Henties Bay or Swakopmund. • 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	<p>In general, prospecting activities generates very little domestic solid waste which includes but may not be limited to:</p> <ul style="list-style-type: none"> • Litter materials i.e. plastic bags, cartons, food packages and • Effluents and sewer may only be generated in case where a base-camp is necessary and a bathroom with flushing toilets are used • 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		
<ul style="list-style-type: none"> • No Construction envisaged at this stage 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 • 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 Henties Bay or Swakopmund • 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) • 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 Covid-19 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 Covid-19 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	<ul style="list-style-type: none"> 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 Covid-19 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	<ul style="list-style-type: none"> Strict compliance with the EMP is recommended in respect to managing incidental events; It is strictly advised that project staff ensures that in respect to Covid-19, are tested prior to venturing in the field (and carries a health certificate indicating a negative result, which is not older than 72 hours) 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 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 Covid-19 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: <ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> Land preparation and setting-up of drill sites Setting-up Base-camp for project staff 	<ul style="list-style-type: none"> Accessing of mining claims area for surveys and sampling with project vehicles Upgrading of access tracks (e.g. grading) 	<ul style="list-style-type: none"> Structure demolition and ground leveling activities 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	<ul style="list-style-type: none"> Strict compliance with the EMP is recommended in respect to managing incidental events; Noise complaint register must be kept and maintained regularly with mitigation measures adopted accordingly. All excessive noise generating activities must be strictly carried out during the day between 08h00 (am) and 17h00 (pm) week days only. Conditions of the Environmental Clearance Certificate and Surface-use Agreement (with the relevant Traditional Authority and Park) must be accordingly adhere to. 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 claims area is low. However, evidence cultural heritage were observed at Cape Cross, Messum Crater which falls outside the boundaries of the proposed mining claims 71556-8.					
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	
<ul style="list-style-type: none"> Land preparation and construction activities Temporary lodging for construction staff 	<ul style="list-style-type: none"> Reconnaissance activities e.g. geological mapping, topographical and remote sensing mapping 	<ul style="list-style-type: none"> Structure demolition and ground leveling activities 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	<ul style="list-style-type: none"> Strict compliance with the EMP is recommended in respect to managing incidental events 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 The chance finds procedure as outlined in the EMP must be implemented at all times, and. 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. A stakeholder complaint register must be kept and maintained regularly with mitigation measures adopted accordingly, recording all concerns relating impacts of the proposed exploration activities on the cultural and scenic value of the environment which may be reported by interested and affected parties. 					

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	
<ul style="list-style-type: none"> Land preparation and construction activities 	<ul style="list-style-type: none"> Use of the lodging and other social facilities, as well as other social interactions Potential Mine development 	<ul style="list-style-type: none"> Structure demolition and ground leveling activities 			<ul style="list-style-type: none"> Retrenchments, retirement and job losses due to closure 	
Severity	In the unmitigated scenario, this implies in the case where the activity take 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 Cape Cross community					
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	<ul style="list-style-type: none"> 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 Unanisa Hei Investment cc's activities To enhance the positive impacts relating to marginal net benefits for the micro-economy (local residence of Cape Cross and Kunene at large) and national economy at larger, legislative provisions to Affirmative Action and Labour Welfare must be observed It is strictly recommended that Unanisa Hei Investment cc negotiates and signs a Surface Use Agreement detailing aspects of conduct and benefit distribution with all key stakeholder i.e. Traditional Authority, Park and other Operators or support institutions e.g. NGOs / CSOs) 					

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 Copper, 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 UHI Mining Namibia. This creates opportunities that attracts international investment to support increased exploration activities particularly with an interest in finding Copper. Unanisa Hei Investment cc, was presented an opportunity to undertaking an exploration programme in respect in respect to Base and Rare Metals, Dimension Stone, Industrial Minerals, Non-Nuclear Fuel Mineral and 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.

A key consideration in respect to the proposed project alternatives, is that of mining claims location / site particularly considering that it falls within a park environment and in proximity to the Orupupa Conservancy. 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 Unanisa Hei Investment cc's 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 RECOMMENDATIONS

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	Unanisa Hei Investment cc 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: ENVIRONMENTAL MANAGEMENT PLAN

OVERALL OBJECTIVES OF THE EMP

The following overall environmental objectives have been set for the Unanisa Hei Investment cc 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 minimisation 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 Unanisa Hei Investment cc 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	<ul style="list-style-type: none"> • Maintain and update the stakeholder register, including stakeholders' needs and expectations. • A representative database would include all relevant local government, service providers, indigenous populations, Traditional Authorities (TAs), NGOs or community-based organizations • Ensure that marginalized and vulnerable groups are also considered in the stakeholder communication process. • 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	Unanisa Hei Investment cc 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	<ul style="list-style-type: none"> • Strict compliance with the Park Management guidelines and EMP is recommended in respect to managing incidental events; • Exploration activity must be limited to the pre-identified pegmatites belts within the claims area • 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	Unanisa Hei Investment cc 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	<ul style="list-style-type: none"> • 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; • 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 • 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 • Exploration activity must be limited to the pre-identified pegmatites belts within the claims area thus reducing the spatial impacts to key areas of the mining claims • Unless necessary and agreed with the park management, no new access tracks shall be created and no lodging shall be allowed in sensitive zones • 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 Henties Bay or Swakopmund. • Unless in an emergency, no equipment (vehicles and drill rigs) should be serviced in the field thus preventing unnecessary spillage of hydrocarbons 	All
Responsibility	Unanisa Hei Investment cc and Enviro-Leap Consulting (On contract basis)	

5.2.2 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	<ul style="list-style-type: none"> 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. 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 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 Uis or Kamanjab or Opuwo 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) 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	Unanisa Hei Investment cc 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	<ul style="list-style-type: none"> Strict compliance with the EMP is recommended in respect to managing incidental events; It is strictly advised that project staff ensures that in respect to Corvid-19, are tested prior to venturing in the field (and carries a health certificate indicating a negative result, which is not older than 72 hours) 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 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 Corvid-19 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	Unanisa Hei Investment cc 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	<ul style="list-style-type: none"> • Strict compliance with the EMP is recommended in respect to managing incidental events; • Noise complaint register must be kept and maintained regularly with mitigation measures adopted accordingly. • All excessive noise generating activities must be strictly carried out during the day between 08h00 (am) and 17h00 (pm) week days only. • Conditions of the Environmental Clearance Certificate and Surface-use Agreement (with the relevant Traditional Authority and Town) must be accordingly adhere to. • 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	Unanisa Hei Investment cc 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 wandering onto any protected and or sensitive known or identified site.	
Proposed Mitigation Measures	<ul style="list-style-type: none"> • Strict compliance with the EMP is recommended in respect to managing incidental events • 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 <ul style="list-style-type: none"> • The chance finds procedure as outlined in the EMP must be implemented at all times, and. • 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	Unanisa Hei Investment cc 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	<ul style="list-style-type: none"> • 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 Unanisa Hei Investment cc’s activities • To enhance the positive impacts relating to marginal net benefits for the micro-economy (local residence of Cape Cross and the region at large) and national economy at larger, legislative provisions to Affirmative Action and Labour Welfare must be observed • It is strictly recommended that Unanisa Hei Investment cc negotiates and signs a Surface Use Agreement detailing aspects of conduct and benefit distribution with all key stakeholder i.e. Traditional Authority, Park and other Operators or support institutions e.g. NGOs / CSOs) 	All
Responsibility	Unanisa Hei Investment cc 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 UHI Mining in association with Enviro-Leap and forms part of the environmental compliance and monitoring programme.	
Proposed Mitigation Measures	<ul style="list-style-type: none"> • Unanisa Hei Investment cc shall submit regular (bi-annual or annual Environmental Reports) to the relevant Ministry stating the exploration activities and environmental performance of the project. • Staff of the MET or Ministry of Mines and Energy may at any time inspect the exploration area. Internal and external monitoring should involve UHI Mining’s safety and environmental officer and members of the MEFT. • 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	Unanisa Hei Investment cc and Enviro-Leap Consulting (On contract basis)	

SAPS dismisses threats to stop it from arresting Zuma as meaningless

SHILE MAVUSO

With the dock ticking for former president Jacob Zuma to hand himself over to the authorities to be jailed, or face being embarrassingly frogmarched to prison, the SAPS has dismissed as meaningless threats by supporters of the former head of state to shield him from arrest – even at the expense of their lives.

In a response to several threats to lay down their lives to thwart the arrest, Brigadier Vish Naidoo, the national police spokesperson, said that when the time came they would do what they had to do, as empowered by the law.

Naidoo's comment comes as the tensions between Zuma supporters and the authorities took an unexpected twist yesterday – and worsened.

"Look, I am not going to comment on this. Zuma has until Sunday to hand himself in, so let the people say whatever they want to say."

"After Sunday, if he does not hand himself in there is five days for the minister of police and the commissioner of police to decide to hand him to a correctional facility. From then we will start commenting, not now," he said.

Upping the ante on Thursday and with more tension expected in the coming days, Zuma's supporters said they believed that he was the victim of a judicial system that was badly entangled in politics. One Zuma supporter, asking not to be named, said: "This is minor, our true strength will be seen from Sunday when we start gathering here (Nkandla) in numbers."

All this was triggered by a long-brewing spat between Zuma, the Zondo



Former SA president Jacob Zuma

Commission and the Constitutional Court. On Tuesday, the apex court sentenced Zuma to 15 months' prison for defying its order to testify before the Zondo Commission and answer all questions posed to him.

Tuesday's ruling sparked a war of words between Zuma's supporters and the authorities. Signs of tension started on Wednesday when the MK vets prevented a police van from accessing the Zumas' home. SAPS authorities downplayed that incident as "misinformation" by the media

contingent that took the video and circulated it. In a dramatic escalation, yesterday Inkosi Bhelamuzi Zuma of the local Zuma clan joined a convoy of Zuma supporters who went to show their presence and pledge to thwart any arrest. The traditional leader, who refused to speak to Independent Media, together with another Zulu warrior whose name could not be immediately established, had guns hanging from their hips.

The regiments sang traditional Zulu war songs as they marched towards

“

After Sunday, if he does not hand himself in there, it's up to the minister of police and the commissioner of police to decide to hand him to a correctional facility. From then we will start commenting, not now”

Zuma's homestead. They sang *Wathintu Zuma, udakwe yini* - which loosely translates to "Why touch Zuma (Jacob), what has intoxicated you?"

Upon arriving at the home, they were allowed inside and continued to sing at the entrance of the home, and then moved to the open fields at its gates.

Speaker after speaker, from the MKMVA to leaders of the convoy and the church, vowed that Zuma would not be arrested.

Repeating the words of Zuma's son Edward, they said the authorities would

have to get past them before they could arrest the former president. One of the who vowed that Zuma would not be arrested was Lindani Sicwala, leader of the convoy, who is also a known confidant of former eThekweni mayor Zandile Gumede.

Sicwala advised police officers to put them in a helicopter.

"We will be here (in Nkandla) at that day (of arrest) comes. If they want to get inside they will have to use helicopter to fly past us because it won't use this entrance while we are here," Sicwala said.

Bishop Sandile Ndlela, a senior member of KZN Interfaith, also made a similar statement, adding that Zuma was being politically persecuted and, such, they would fight off any attempt to jail him. Dumisani Cele, who calls himself a commander of the MKMVA, said Zuma should be defended and would bring shame to the people of KwaZulu-Natal to have the former head of state arrested without them putting up a fight. "As the MK we are saying this is enough. Enough is enough. What is happening to Nkandla (Zuma) shows that the law in South Africa is not being correctly applied, it does not protect his rights. "So we are now saying if he is arrested, we will die here. That is what we are saying. As KwaZulu-Natal MK we are saying that if Nsamenang is arrested, we will die here ... if someone is happening to him, let us die," Cele said. Zuma's whereabouts remain unknown. Bishop Vusi Dube, one of the prominent organisers of his supporters said their understanding was that he was still consulting his legal team on the way forward.

Political Bureau

CALL FOR REGISTRATION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXPLORATION ACTIVITIES IN RESPECT TO BASE AND RARE METALS, AND PRECIOUS METALS ON EPL 7413 SITUATED IN ORUPEBE CONSERVANCY, KUNENE REGION

1. PROJECT SITE AND DESCRIPTION

Uharisa Hei Investment cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed Base and Rare and Metals, and Precious Metals prospecting activities on EPL 7413. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

2. PUBLIC PARTICIPATION PROCESS

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

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

3. COMMENTS AND QUERIES

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **30 JULY 2020**.

3. COMMENTS AND QUERIES

Please register and direct all comments, queries to:
Mr. Vilho Mtsheni, Environmental Assessment Practitioner
Email: eap.trigen@gmail.com - Cell: +264 81 232 6843

ENVIROLEAP CONSULTING cc
P.O. Box 2076, Windhoek | +264 81 232 6843 | eap.trigen@gmail.com

CALL FOR REGISTRATION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE CONSTRUCTION AND OPERATION OF A CROCODILE FARM AND PARK ON A PORTION OF THE REMAINDER OF FARM USAKOS AND TOWNLANDS NO. 93 SOUTHWEST OF THE KHAN RIVER, ERONGO REGION

1. PROJECT SITE AND DESCRIPTION

Reptils Crocodile Farm and Park cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed construction and operation of a Crocodile Farm on ERF on a 3 Ha land area. The key component of the proposed activity includes the construction of the farm, and operation of the facility including crocodile husbandry, lodging and tours.

2. PUBLIC PARTICIPATION PROCESS

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South Africa's Ruling ANC Postpones Executive Committee Meeting

South Africa's ruling ANC postponed a scheduled meeting of its high decision-making body weekend before the imprisonment of former President Jacob Zuma. The Constitutional Court week sentenced Zuma to 15 months in jail for contempt of court. Thousands of supporters are gathered at Zuma's rural homestead Nkandla, KwaZulu-Natal province as he faces a deadline of handing himself over to the authorities Sunday.

"The national officials mindful of the situation developing in KwaZulu-Natal and for the ANC to give clear principled leadership to or the maintenance of the rule of law and to avoid any violence, riot or loss of life," the party said statement.



Jacob Zuma waves to supporters in front of his rural home in Nkandla, KwaZulu-Natal province on July 4. Photographer: Emmanuel Crosset/APP/Getty Images

Defiant Zuma says S.Africa court convicted him without trial

STHEMBILE CELE

Former South African President Jacob Zuma, who is facing a 15-month jail sentence for contempt, accused the nation's top court of unfairly convicting him, and said he feared that the judicial system was being compromised.

"I'm very concerned that South Africa is fast sliding back to apartheid-type rule. I am facing a long detention without trial," Zuma told reporters at his rural homestead in Nkandla in the eastern KwaZulu-Natal province on Sunday. "I have a duty and obligation to ensure that the dignity and respect for our judiciary is not compromised by sentences that remind our people of the apartheid days."

Zuma ruled South Africa for almost nine scandal-marred years until the ruling party forced him to step down in 2018 to stem loss of electoral support. The government estimates that more than 500 billion rand (\$35 billion)

was stolen from state coffers under his watch, and dozens of witnesses who've testified before an inquiry headed by acting Chief Justice Raymond Zondo have placed the ex-president at the center of the looting spree.

The Constitutional Court on June 29 found Zuma, 79, guilty of violating its order to testify before Zondo, but on Saturday it agreed to consider his application for the judgment to be reviewed and scheduled a hearing for July 12.

The former president also brought a case in the KwaZulu-Natal division of the High Court to have the Constitutional Court's decision rescinded. That will be heard on Tuesday. Lawyer's for Zondo's panel argued in an answering affidavit that the court has no jurisdiction to hear the case. Zuma, who refused to participate in the original Constitutional Court proceedings, denied having done anything wrong and said the tribunal failed to take his age and ill health

into consideration when it decided to incarcerate him.

"I am not asking for sympathy but justice," he said. "If it was up to me, I would once again go to jail for my beliefs as early as today, whether I come out alive or not, but I have never operated as an individual and am therefore guided by views from my family and comrades."

Zuma didn't respond to a question as to whether he will hand himself in to the authorities should his review application fail. He called on his supporters to use peaceful means to protest against the injustice that he said he had suffered. A large contingent of his supporters, a number of whom carried traditional spears and stidols, gathered on Sunday outside his homestead and vowed to resist any attempt by the police to apprehend him. The sound of sporadic gunfire could be heard, but there were no immediate reports of violent clashes, injuries or arrests, bloomberg

TB Joshua's week-long burial procession begins tonight

CHAD WILLIAMS

CAPE TOWN, - The funeral procession of Nigerian pastor and televangelist TB Joshua is set to begin on Monday, with a series of services culminating in a thanksgiving service on July 11.

According to a statement issued by the Joshua family, Monday evening, July 5, will see funeral proceedings starting off with a candlelight procession at a private service.

Joshua, founder of the Synagogue, Church Of All Nations (SCOAN) mega church, died on June 5 after a live broadcast, leaving his wife, three children and millions of followers throughout the African continent.

The church confirmed that all services will be broadcast live on the Christian television network founded by Joshua, Emmanuel TV, as well as on online video-streaming service YouTube.

On July 6 to 7, tribute services will be held at SCOAN between 10am and 7pm and will be open to the public. This will include services of songs in addition to an all-night prayer service. Seating will be limited, to comply with Covid-19 restrictions.

On July 8, Joshua's body will be lying in state between 11am and 5pm at SCOAN and will be open to the public.

On July 9, the laying to rest and interment segment of the week-long burial proceedings will take place. This will be open to the public, again with



TB Joshua

limited seating capacity.

On July 11, a thanksgiving service will take place at SCOAN with limited seating capacity, which will round the burial proceedings.

Punch Nigeria reported on Sunday that the Lagos State government inspected the facilities at SCOAN to ensure compliance with Covid-19 safety precautions in preparation for Joshua's funeral.

According to local media reports, state government delegation was led by the commissioner for health Prof. Akin Abayomi and the director-general of the Lagos State Safety Commission Lanre Mojola.

African News Agency (ANA)



Two of the Gupta brothers with Duduzane Zuma (R) - son of the former president - who used to work for them

CALL FOR REGISTRATION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXPLORATION ACTIVITIES IN RESPECT TO BASE AND RARE METALS, AND PRECIOUS METALS ON EPL 7413 SITUATED IN DRUMPEMBE CONSERVANCY, KUMENE REGION

1. PROJECT SITE AND DESCRIPTION

Unanisa Hel Investment cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed Base and Rare Metals, and Precious Metals prospecting activities on EPL 7413. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

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CALL FOR REGISTRATION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE CONSTRUCTION AND OPERATION OF A CROCODILE FARM AND PARK ON A PORTION OF THE REMAINDER OF FARM USAKOS AND TOWNLANDS NO. 39 SOUTHWEST OF THE KHAN RIVER, ERONGO REGION

1. PROJECT SITE AND DESCRIPTION

Reptilia Crocodile Farm and Park cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed construction and operation of a Crocodile Farm on ERIF on a 3 Ha land area. The key component of the proposed activity includes the construction of the farm, and operation of the facility including crocodile husbandry, lodging and tours.

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Interpol red notice for Zuma-linked Gupta brothers

South African prosecutors announced progress in bid to extradite Indian brothers who are accused of being at the centre of a large corruption scandal during Jacob Zuma's presidency.

The prosecution authority Interpol had issued a "red notice" against two of the Gupta brothers Anil and Rajesh - making it possible for them to be arrested and extradited.

They fled South Africa in 2011, are thought to be in the United Arab Emirates.

A South African news site, ScoWorld, reports that the family has been trying without success to convince the government to issue their passports.

Three Gupta brothers have dominated using their close links to Mr Zuma to gain contracts and embezzle assets.

President Cyril Ramaphosa estimated that \$40bn (£29bn) was stolen from the state during Zuma's time in office.

PUBLIC NOTICE

Please take note that KAMAU TOWN PLANNING AND DEVELOPMENT SPECIALIST has been appointed by the owner of Erf 3176 (a portion of consolidated Erf 3190) Windhoek, to apply to the local authority of Windhoek for the rezoning of the respective Erf from 'Residential' with a density of 1:100sqm to 'Business' with a bulk of 1:300sqm subsequently consent to use the respective Erf for a guesthouse purposes and consent to use the respective Erf as 'Business' with the rezoning in progress, as per terms of the Windhoek Town Planning Scheme.

Erf 3176 (a portion of consolidated Erf 3150) Windhoek, is located within the Windhoek West suburb in Windhoek, Salk Street. Considering its use and services offered, the subject property is ideally located central of the city with ease of access to other suburbs and one of prime and sought-after area of Windhoek. The Erf lies on a slope toward the back of the property. The respective Erf measures 1000m² in extent and is currently built up according to the respective zoning. The respective Erf is currently zoned 'Residential' with a density of 1:300m² as per the Windhoek Town Planning Scheme.



Please further take note that:-

- (a) the plan of the Erf or land lies for inspection at: of the offices of the local authority (City of Windhoek);
- (b) any person having objections to the rezoning concerned or who wants to comment, may in writing lodge such objections and comments, together with the grounds, with the Chief Executive Officer Local Authority of Walvis Bay, and with the applicant within 14 days of the last publication of this notice, i.e. no later than **22 July 2021**.

FOR MORE INFORMATION AND QUERIES, KINDLY CONTACT:



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Locations:

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GOREANGAB OKAPALE (Windhoek)	081 468 8716
OLD POWER STATION (Windhoek)	081 242 6194
GOREANGAB WOERMANNBROK (Whk)	081 499 2704
TAUBEN GLEN (Windhoek)	081 242 6194
AMAGOESA (Okahandja)	081 244 2654

A variety of fish available

PUBLIC NOTICE

Please take note that KAMAU TOWN PLANNING AND DEVELOPMENT SPECIALIST has been appointed by the owner of Erf 676 Theodor Gawareb Street, Extension 1, Grootfontein, to apply to the local authority of Grootfontein for the rezoning of the respective Erf from Residential with a density of 1:100sqm to General Residential with a density of 1:100sqm and Consent to commence with construction while rezoning is in progress.

Erf 676 is located in Theodor Gawareb Street, Extension 1 of Grootfontein and measures an extent of 473m². The residential suburb where this Erf is found has the majority of activities taking place in terms of land use as Residential and General Residential (as per Grootfontein Zoning Map). Furthermore, as indicated on the respective zoning map, there is a suburb business center. Additional land use activities include the Makalani Primary School (educational), Hakahana Enterprises (Business) which are located 5 blocks away from the respective Erf.



Please further take note that:-

- (a) the plan of the Erf or land lies for inspection at the Grootfontein Town Councils public notice board
- (b) any person having objections to the rezoning concerned or who wants to comment, may in writing lodge such objections and comments, together with the grounds, with the Chief Executive Officer Local Authority of Grootfontein, and with the applicant within 14 days of the last publication of this notice, i.e. no later than **22 July 2021**.

FOR MORE INFORMATION AND QUERIES, KINDLY CONTACT:



No. 04 Wagner street | Windhoek west |
 c +264 81 329084
 P.O. Box 2226 | Windhoek | c +264 81 251 975 |
 f +264 81 394275 |
 yel@kamau-pub.com www.kamau-architects.com



NOTICE FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT

Environam Consultants Trading cc (ECT) hereby gives notice to all potentially interested and affected (I&APs) that an application will be made to the Environmental Commissioner in terms of the Environmental Management Act (No 7 of 2007) and the Environmental Impact Assessment Regulations (GN 30 of 2012) for the following:

PROJECT NAME:
 Township Establishment on a Portion of Portion 143 of Gobabis Town and Townlands No. 11 Nossobville, Gobabis

PROJECT LOCATION: Nossobville, Gobabis, Omaheke Region

PROJECT DESCRIPTION:
 The proposed township will consist of approximately 270 erven, comprising Residential, General R Local Business, Institutional, Public Open Space and Street land uses.

PROPONENT:
 Star Merchandising CC

ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP): Environam Consultants Trading cc
REGISTRATION OF I&APs AND SUBMISSION OF COMMENTS: In line with Namibia's Environmental Management Act (No. 7 of 2007) and EIA regulations (GN 30 of 6 February 2012), all I&APs are hereby invited to register and submit their comments, concerns or questions in writing. Kindly contact:

Colin P Namene
 Email: colin@environam.com
 Fax: 061 258 470 or
 Mobile: 0814 584 297 on or before **09 July 2021**.

Due to the Covid-19 situation a public meeting will not be held. Interested and affected parties are advised to provide input and comments via the contact details mentioned above.

CALL FOR REGISTRATION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE CONSTRUCTION AND OPERATION OF A CROCODILE FARM AND PARK ON A PORTION OF THE REMAINDER OF FARM USAKOS AND TOWNLANDS NO. 93 SOUTHWEST OF THE RIVIER RIVER, ERONGO REGION

1. PROJECT SITE AND DESCRIPTION

Reptile Crocodile Farm and Park cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed construction and operation of a Crocodile Farm on Erf on a 3 Ha land area. The key component of the proposed activity includes the construction of the farm, and operation of the facility including crocodile husbandry, lodging and bars.

2. PUBLIC PARTICIPATION PROCESS

EnviroLeap Consulting invites all interested and affected Party (I & AP) to register and receive Environmental Assessment (EIA), Scoping and EMP documents relating to the proposed project for their comments and input.

EnviroLeap Consulting invites all interested and affected Party (I & AP) to register and receive Environmental Assessment (EIA), Scoping and EMP documents relating to the proposed project for their comments and input.

3. COMMENTS AND QUERIES

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **30 JULY 2020**.

3. COMMENTS AND QUERIES

Please register and direct all comments, queries to:
 Mr. Viljo Mufeni, Environmental Assessment Practitioner
 Email: esp.1@enviroleap.com | Call: +264 81 232 6843



CALL FOR REGISTRATION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXPLORATION ACTIVITIES IN RESPECT TO BASE AND BARE METALS, AND PRECIOUS METALS IN OPL 7613 SITUATED IN OUPVEMBE CONSERVANCY, KUNENE REGION

1. PROJECT SITE AND DESCRIPTION

Utamba RE Investment cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed Base and Rare and Metals, and Precious Metals prospecting activities on OPL 7613. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

2. PUBLIC PARTICIPATION PROCESS

EnviroLeap Consulting invites all interested and affected Party (I & AP) to register and receive Environmental Assessment (EIA), Scoping and EMP documents relating to the proposed project for their comments and input.

EnviroLeap Consulting invites all interested and affected Party (I & AP) to register and receive Environmental Assessment (EIA), Scoping and EMP documents relating to the proposed project for their comments and input.

3. COMMENTS AND QUERIES

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **30 JULY 2020**.

3. COMMENTS AND QUERIES

Please register and direct all comments, queries to:
 Mr. Viljo Mufeni, Environmental Assessment Practitioner
 Email: esp.1@enviroleap.com | Call: +264 81 232 6843



ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

INVITATION TO COMMENT/PARTICIPATION

The following Namibian company (Enrogo Marble and Granite Pty Ltd, 5625) and Namibian citizens has application for Mining Claims and exploration of diamonds in the Karibib district-Namibia

- 1: Selby S Cloete (Mining Claims: 6836-6838)
- 2: Fazel Jhansab (Mining Claims: 6836, 6837, 6838, 6839, 6840, 6841, 6842)
- 3: George Marika and Granite Pty Ltd (EPL 5626)

CENTRE FOR GEOSCIENCES RESEARCH cc has been appointed to undertake an Environmental Impact Assessment (EIA) in accordance with the Namibian Environmental Management Act (2007) and E Regulations (2012).

Selby S Cloete & Fazel Jhansab are proposing to quarry the marble in the above listed mining claims respectively as described above, within the vicinity of Karibib in Erongo region. And Enrogo Marble and Granite Pty Ltd (EPL 5626) is proposing to undertake exploration of diamonds within the same vicinity in the district above in Karibib area.

Since a joint advertisement calling for interested and affected parties are encouraged to register via email in order to make the Background Information Document (BID) to be sent below within a period of seven days from the date of advert in the email below. Due the current COVID-19 pandemic the public is encouraged to contact via email. Unless otherwise specified in the advertisement.

All comments and concerns should be submitted to CENTRE FOR GEOSCIENCES RESEARCH.

Please contact:

Mufula Sanyanga
 CENTRE FOR GEOSCIENCES RESEARCH cc
 P.O. Box 21423 Pinnerospek
 Windhoek Namibia, 1204 Bech Street
 Tel: 081-3871571 | Call: 0666419111
 Email: geosciences@cegeor.com



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Penomuntu Butchery
MEAT | CHICKEN | FISH

CLO EKSTEL/SHOVERLLER STREET, KHOMASDAL EX



NS 100
per/kg

Lamb Chops



NS 94⁹⁹
per/kg

Lamb whole rib



NS 85⁹⁹
per/kg

Boerewors



NS 82
per/kg

Lamb Stew



NS

Beef mince





Penomunda Butchery


+264 81

**Manhood enlargement all size
Hips and buttocks and e
nlarge-cream.**

**Power and strong in bed Pregnancy
problems**

And many more call

Mr. Amidu 0812049299



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size
Hips and buttocks
enlargement
cream power and
strength in bed
pregnancy
problems and
many more**

Mr ABI
081 4095373

**Hip and buttocks
enlarge cream
Manhood
enlargement all
size Power in
bed Pregnancy
problems
vaginal cream
(tightens), for
sensirive-areas/
antibacterial and
more**

CALL
MANDA:
081 221 8201



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CALL FOR REGISTRARTION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE CONSTRUCTION AND OPERATION OF A CROCODILE FARM AND PARK ON A PORTION OF THE REMAINDER OF FARM USAKOS AND TOWNLANDS NO. 93 SOUTHWEST OF THE KHAN RIVER, ERONGO REGION

1. PROJECT SITE AND DESCRIPTION

Reptilia Crocodile Farm and Park cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed construction and operation of a Crocodile Farm on ERF on a 3 Ha land area. The key component of the proposed activity includes the construction of the farm, and operation of the facility including crocodile husbandry, lodging and tours.

2. 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.

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.

3. COMMENTS AND QUERIES

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **30 JULY 2020**.

3. COMMENTS AND QUERIES

Please register and direct all comments, queries to:
Mr. Vilho Mtuleni, Environmental Assessment Practitioner
Email: eap.trigen@gmail.com - Cell: +264 81 232 6843



CALL FOR REGISTRARTION AS INTERESTED AND AFFECTED PARTIES

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXPLORATION ACTIVITIES IN RESPECT TO BASE AND RARE METALS, AND PRECIOUS METALS ON EPL 7413 SITUATED IN ORUPEMBE CONSERVANCY, KUNENE REGION

1. PROJECT SITE AND DESCRIPTION

Unanisa Hei Investment cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed Base and Rare Metals, and Precious Metals prospecting activities on EPL 7413. The key component of the proposed activity entails geological mapping and survey and manual sample collection for laboratory analysis. Access to the sampling or survey sites will be by existing tracks and on foot where vehicle access is limited.

2. 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.

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.

3. COMMENTS AND QUERIES

Interested and Affected Parties are herewith request to register by writing to us at the address below no later than **30 JULY 2020**.

3. COMMENTS AND QUERIES

Please register and direct all comments, queries to:
Mr. Vilho Mtuleni, Environmental Assessment Practitioner
Email: eap.trigen@gmail.com - Cell: +264 81 232 6843



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PROJECT

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South Africa failed to foresee deadly unrest

300 people died

President Cyril Ramaphosa tasked an expert panel with analysing his government's preparedness and reaction.



South African President Cyril Ramaphosa. PHOTOS REUTERS

South Africa's police and intelligence services failed to anticipate and disrupt days of arson and looting last year in which more than 300 people died, a report into the unrest commissioned by the president and released on Monday found. The violence was sparked by the imprisonment of former president Jacob Zuma for defying a court order to testify at a corruption inquiry and fanned by anger over the poverty and inequality that persist almost three decades after the end of apartheid, read more. The government deployed soldiers to restore calm, but around R50 billion (US \$9.2 billion) of damage was caused by one estimate as shops were ransacked and key infrastructure targeted. President Cyril Ramaphosa tasked

an expert panel with analysing his government's preparedness and reaction. He is expected on Thursday to say what action the government



Police officers detain a demonstrator during protests following the imprisonment of former South African President Jacob Zuma.

will take in response to the report. "There was a significant intelligence failure to anticipate, prevent or disrupt the planned and orchestrated violence," the report by the experts concluded. "The combination of poorly equipped police stations and inadequately trained police resulted in the police being overwhelmed and not being able to deploy sufficient and properly trained and equipped officers," it added. The experts said the executive branch of government, which comprises the president and his cabinet of

“ There was a significant intelligence failure to anticipate, prevent or disrupt the planned and orchestrated violence. **”**
Report

ministers, "carries some of the blame too and must take responsibility for its lapse of leadership".

The report's authors said they had been told several times that "what appear to be factional battles in the African National Congress (ANC) have become a serious source of instability in the country". Ramaphosa and Zuma are from opposing factions in the ANC, which holds a leadership contest late this year at which Ramaphosa is expected to seek re-election. Ramaphosa's office said he would in a state of the nation address on Thursday spell out the first steps his government would take to act on the report's findings. -Reuters

ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXPLORATION ACTIVITIES IN RESPECT TO BASE AND RARE METALS, AND PRECIOUS METALS ON MC 70896 AND EPL 7413 SITUATED IN ORUPEMBE CONSERVANCY, KUNENE REGION

1. PROJECT SITE AND DESCRIPTION

Unanisa Heli Investment cc, intends to apply in order to obtain an Environmental Clearance Certificate for its proposed Base and Rare and Metals, and Precious Metals prospecting activities on MC 70896 AND EPL 7413. The key component of the proposed activity entails geological mapping and surveying, and manual sample collection for laboratory analysis.

2. STAKEHOLDER ENGAGEMENT MEETING

Enviro-Leap Consulting invites all Interested and Affected Parties (I & AP) to attend a Stakeholder Engagement Meeting in respect to the proposed Mining Claim and EPL activities, to be held on:

Date: 19 February 2022
Place / Venue: Klango, Orupembe Conservancy
Time: 14h00

3. COMMENTS AND QUERIES

Interested and Affected Parties are further requested to register by writing to us at the address below no later than 30 March 2022.

Please register and direct all comments, queries to:
Mr. Vilho Mtsheni, Environmental Assessment Practitioner
Email: eap.trigen@gmail.com - Cell: +264 81 232 6843

ENVIROLEAP CONSULTING CC

Enviro LEAP CONSULTING CC
101-102, 10th Floor, 100 Waterlooville Road, Waterlooville, 7801, Namibia
Tel: +264 81 232 6843 | Email: info@enviroleap.com

UK consumers slowed their spending

British consumers slowed the pace of their spending last month as the Omicron Covid-19 wave hit fuel sales and kept people away from bars and restaurants, according to a survey which also pointed to the impact of rising inflation. Consumer spending was 74% higher than in January 2020 before the pandemic, the weakest increase since April last year, payments provider Barclaycard said. It said nine in 10 people it surveyed felt their household finances and discretionary spending were being impacted by the recent jump in prices. Britain's inflation rate hit a 30-year high of 5.4% in December and looks set to top 7% in April, according to the Bank of England which last week raised interest



PHOTO FINANCIAL TIMES

rates for the second time in two months and said further increases were likely. Jose Carvalho, head of consumer products at Barclaycard, said there were some signs of relief for the hospitality industry with people saying they planned to spend more on eating and drinking out in the month ahead. "The lifting of Plan B restrictions should also provide a

welcome boost to many sectors, as workers travel back into the office and socialise over post-work drinks, while businesses will likely start to see the benefits of increased inbound tourism on retail sales too," he said. Advice to work from home, along with rules on mask-wearing and vaccine passes, were lifted in England on Jan. 26, six weeks after they were introduced. A separate survey published on Tuesday suggested a brighter picture for retailers - a narrower measure of consumer spending. Sales increased by 11.9% in January compared with the same month last year, the biggest increase since May last year, the British Retail Consortium said. -Reuters

WE FLEX FOR Love!

We are gearing up for the 2022 Flex Walks!
Join us as we spread love (and community) in February of the Month of Madas Holding a Head!

Love yourself by starting with a walk!

Register for the 2.5 km walk or the 5 km walk!














Date: 18 February 2022 | Time: 07:30 for 08:00 | Dress code: Red and White
For more information contact Jeanette Diergaardt: jeanette@nmh.com.na - 061 287 2166

NMH NAMIBIA MEDIA HOLDINGS synergi

STAKEHOLDER ENGAGEMENT MEETING – EPL 7413 EIA

FEBRUARY 19th 2022

Attendance Register

NAME	TITLE	ORGANISATION	MOBILE	EMAIL	SIGNATURE
Vilho P. Mtuleni	Facilitator	Enviro-Leap Consulting	+264 81 2326843	eap.trigen@gmail.com	
Dave Karamba	Chairperson	Orupupa Cons	0812353361	davck@irotra.org	
MUKUAMBAYI Bimune	Secretary	Orupupa Cons	0815830080		
UZENGESEBA Bimune	Community	ORUPUPA CONS	0814102266	U Jimwine	
KURINDIPA	Tji mune Community	ORUPUPA CONS	081	K. Jimwine	
SIEGFRIEDT JAJA	"	"	0812466665		
RICHARD KATIRA Zanku-Kion R	"	"	0813137816	Zankokur@gmail.com	
CHRIS UARIIRA (TA)	"	"	0817442177	C. UARIIRA	
KAMOHORERE KAVARE T. Community	DRUPUPA	"	0817587972	K. KAVARE	
UARAMANJIRA KUVARE. Community	"	"	0817642720	U. KUVARE	
KAZEMANENE UAIIRA. Community	(TA)	"	0816739315	K. UAIIRA	
U NA NUSA HETI	"	"	0812066983		
UHANHO:EKUNA KAPU	COORDINATOR	IRDNC	081221426	Uhanhoekuna@khop.co.uk	



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PROFESSIONAL PROFILE

Mr. SHADRACK TJIRAMBA
Research and Environmental Management Specialist

ID Number :	80011910445	EMAIL:	eap.trigen@gmail.com
Country of Residence :	Namibia	Cell:	+264-816229933
Nationality:	Namibian		

PROFESSIONAL OVERVIEW

Experience Internationally:

Countries worked: Namibia, South Africa.

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

ACADEMIC QUALIFICATIONS:

2009	The University of Cape	Western Cape	Post-Graduate Diploma Sustainable Land Management (NQA Level 8) Sustainable Development, Resource Economics, 2009), South Africa
2007	University of South Africa (UNISA)	South Africa	Bachelor of Laws (LLB)
2005	Polytechnic of Namibia		B-Tech Land Management, 2005

EMPLOYMENT RECORD:

May 2020-Current: Enviro-Leap Consulting Cc
Position: Lead Consultant Environmental Management

- Compile and review environmental assessment reports (environmental scoping and management plans (EMP)) for our clients in accordance with the requirements of the Environmental Management Act, No.7 of 2007 and its regulations of 2012
- Compile and review environmental policies and audits
- Reviewed and updated the Solid Waste Management Policy for Dundee Metals Mining
- Conduct environmental compliance inspections and audits
- Facilitate stakeholder engagement
- Coordinate closure and rehabilitation of development projects, such as mining sites, hazardous substance spill sites
- Prepared training manuals and facilitated workshops for Communal Land Boards

August 2015 – July 2018 (fixed-term 3 years)

Position: Project Coordinator-Basket Fund, GIZ (Deutsche Gesellschaft Fur Internationale) Responsibilities:

- Coordinate project activities in the Omaheke and Otjozondjupa Region's
- Provide technical expertise/advise to various regional councils, land boards, traditional authorities, local level planning committees
- Coordinate the processes of revising and developing the Namibian environmental legislations (plans, strategies, regulations and Act amendments), as well as dissemination of information on these tools
- Prepare tender documents
- Coordinate project procurement needs in line with GIZ procurement policies.
- Financial reporting in line with financial guidelines for grant agreement GIZ
- Coordinate, manage the planning and implementation of project consultants' key performance areas.
- Supervise project staff and resource allocation
- Reporting in line with donor requirements

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

January 2019 – June 2019

Position: Social Policy Consultant – Gender Mainstreaming; Benguela Convention Commission. Responsibilities:

- Conducted and compiled a draft Situation Analysis Report, summarizing the findings of desk review, gender survey through the field mission and interviews
- Compiled a draft Action Plan for BCLME III Project and Gender Policy for BCC
- Hosted and facilitated a situation analysis findings validation workshop
- Produced final Situation Analysis Report, Gender Action Plan for BCLME III Project, including a proposed gender-responsive Project Results Framework with gender-responsive outputs, sex-disaggregated indicators, baseline and targets. Gender Policy for BCC

August 2011 to Dec 2012

Project Coordinator-MCA Agriculture & Environment:

- Managed the Millennium Challenge Accounts Namibia Agriculture and Environment project's activities.
- Co-Developed, implemented and monitored local-level integrated activities and annual work plans for the CBNRM.
- Undertook and provided training and technical support to the targeted conservancies as per the objectives of the CBNRM
- Ensured project compliance with donor requirements through production of and submission of technical reports according to Donor procedures trainings for land management for farmers

February 2004 – March 2009

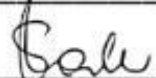
Researcher: Land, Environment and Development Project-Legal Assistance Centre. June 2006 – November 2009

- Assist with desktop and field research on land, environmental and urban housing (informal settlements).
- Assist in the compilation of research questionnaires
- Conduct interviews
- Assist with project administration
- Laise with stakeholders NGO's, Government Agencies, Farmer's Associations, Ministry of Environment
- Draft research reports

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: 29 March 2022

Signature: 



P. O. Box 25874, Windhoek



+264 81 6229933



Email esp.trigen@gmail.com