A SCOPING REPORT ON THE ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL EXPLORATION ACTIVITIES ON EPL 8650, CENTRAL NAMIBIA

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ENVIRONMENTAL ASSESSMENT FOR MINERAL EXPLORATION ON EPL 8650, CENTRAL NAMIBIA

EXECUTIVE SUMMARY

1. Introduction

1.1 Overview

The proponent, Ongwe Minerals (Pty) Ltd, was provisionally granted an exclusive prospecting licence (EPL) by the Ministry of Mines and Energy. The licence holder intends to explore for copper and gold minerals within the rock units that are found within the vicinity of the area. Impala Environmental Consulting was appointed by the proponent to undertake an Environmental Assessment (EA) and Environmental Management Plan (EMP) for the mineral exploration project.

1.2 Location

The mineral license is located 32 km southeast of Khorixas, accessible from the C36 road. The coordinates for the centre of the license are 14.914970 and -20.519366.

1.3 Environmental Assessment Requirements

The Environmental Regulations procedure (GN 30 of 2012) stipulates that no mining and mineral exploration activities may be undertaken without an environmental clearance certificate. As such, an environmental clearance certificate must be applied for in accordance with regulation 6 of the 2012 environmental regulations. It is imperative that the environmental proponent must conduct a public consultation process in accordance with regulation 21 of the 2012 environmental procedure, produce an environmental scoping report and submit an Environmental Management Plan for the proposed mineral exploration activities.

1.4 Project Alternatives

An alternative to the proposed mineral exploration activity would be to allocate the land-usage to other income generating activities tourism activities. The proposed project will strictly employ locals from nearby towns and settlements.



ENVIRONMENTAL ASSESSMENT FOR MINERAL EXPLORATION ON EPL 8650, CENTRAL NAMIBIA

FINAL SCOPING REPORT

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1. Introduction

1.1 Project Background

The proponent, Ongwe Minerals (Pty) Ltd, was granted an exclusive prospecting licence (EPL) by the Ministry of Mines and Energy. The licence holder intends to explore for copper and gold minerals within the rock units that are found within the vicinity of the area. An outline of the area is shown in the image below.

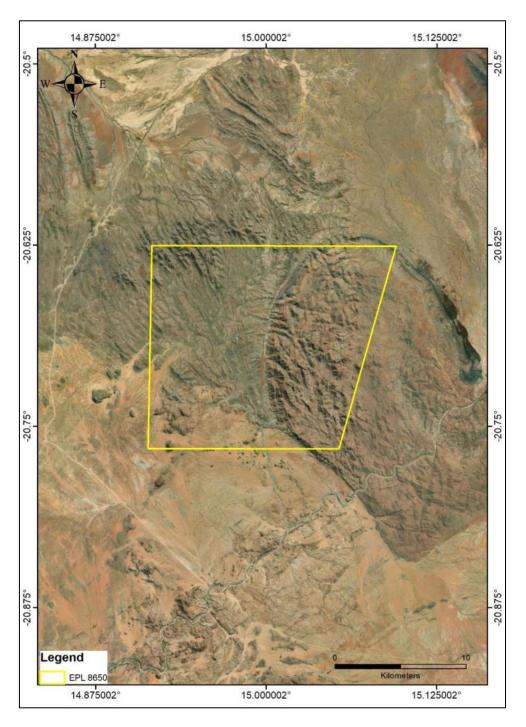


Figure 1 A satellite imagery showing the orientation of the mineral exploration licence.

Figure 2 shows the surrounding farms of the project area. The licence falls within a traditional authority area.

1.1.1 Mineral Licence Tenure

The exclusive prospecting number is 14/2/1/4/2/**8650**. The mineral licence is issued to Ongwe Minerals (Pty) Ltd.

The size of the mineral licence is **25702,9483 Hectares**. It is granted for Base and Rare Metals, and Precious Metal commodities.

1.1.2 Environmental Consultant

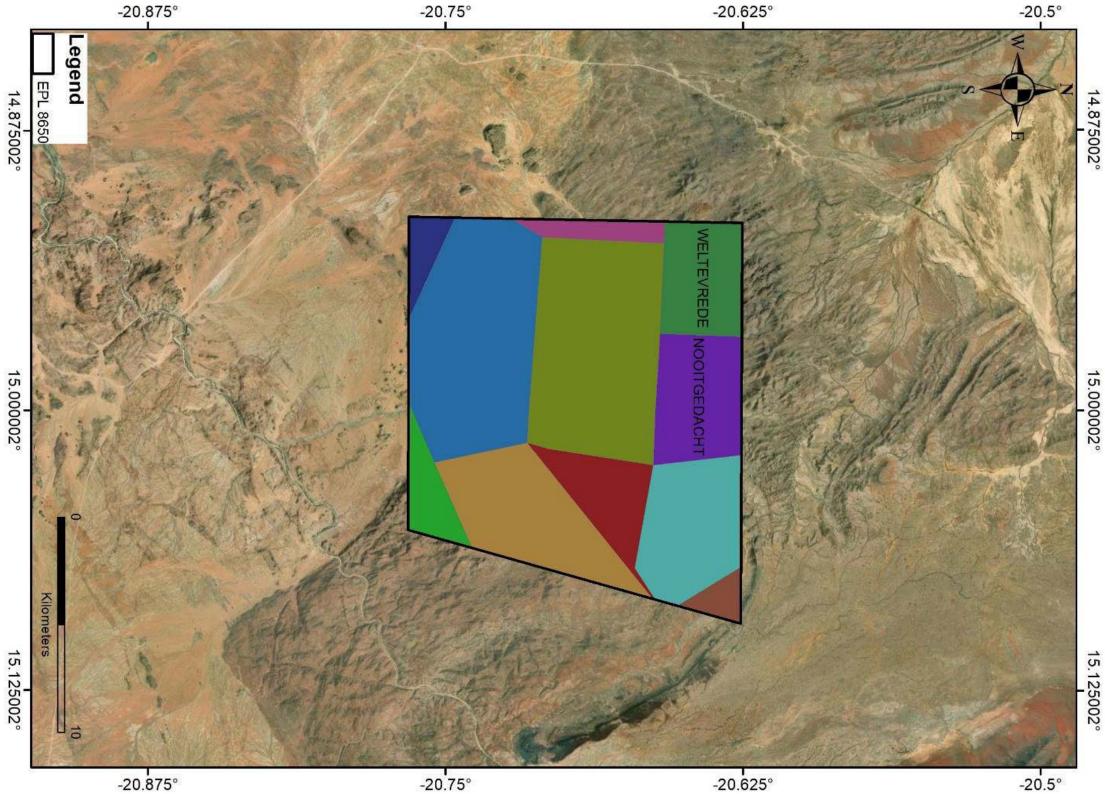
Impala Environmental Consulting cc was appointed by the proponent to undertake an Environmental Assessment (EA) and Environmental Management Plan (EMP) for the mineral exploration project. Impala does not have any interest, be it business, financial, personal or other, in the proposed activity, application or appeal, other than fair remuneration for work performed on this project. The public participation process and report writing was overseen by Mr. Ndaluka Amutenya as the EAP. CV's of various role players are annexed to the appendix section of this report.

1.1.3 Proponent of the Proposed Project

The Exclusive Prospecting Licence belongs to Ongwe Minerals (Pty) Ltd.

| Licence Holder | Postal Address | Email Address | Contact |
|----------------|----------------|---------------|---------|
| Ongwe Minerals | | | |
| (Pty) Ltd | | | |





1.2 Project Location

The mineral license is located 32 km southeast of Khorixas, accessible from the C36 road. The coordinates for the centre of the license are 14.914970 and -20.519366.

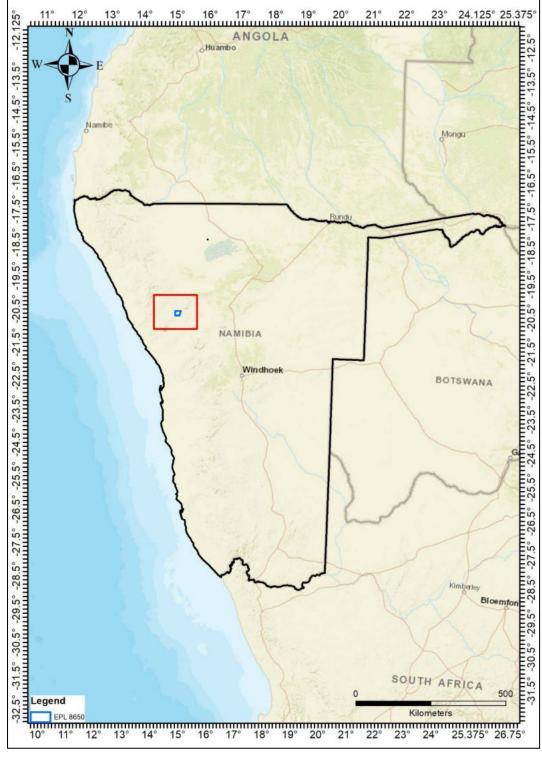


Figure 3 Locality map of the exclusive prospecting licence area



1.3 Infrastructure and Services

1.3.1 Electricity

At this stage, electricity requirements for the project are minimal. The bulk of the power supply to the exploration site will be sourced from the proponent's own generator. The power requirements for the proposed project will be minimal as power will only be required for the following activities:

- Emergency lighting.
- Powering small machinery during the mineral exploration process.
- Power supply for temporary office block or container if necessary.

1.3.2 Water Supply

The water requirements for the project are minimal. Water containers will be brought on site and utilised whenever necessary. The water will mostly be used for general consumption and cleaning. The water used for drilling will be recycled.

1.3.3 Refuse and Waste Removal

The proponent will negotiate directly will all suppliers of consumables such as grease, oil etc. to remove these materials for disposal once they have been used and need to be discarded. The proponent will provide adequate temporary sanitary facilities and such facilities must be maintained in a hygienic condition. Sewerage will be disposed of in a manner not polluting the environment. The proponent will remove all refuse pertaining to the proponent's activities, domestic or otherwise, from the property. The Miner will undertake environmental rehabilitation, both during and at the conclusion of the mineral exploration operations.

1.3.4 IT Systems and Communication

If drilling commences, provision will be made for two-way radios to enable the drill rig operators and the on-site staff to communicate effectively.

1.3.5 Security and Fencing

No provision has been made for fencing although strict access to and from the exploration site will be facilitated by personnel.



1.3.6 Buildings

At this stage, no exploration camp will be set up and so provision will be made for prefabricated containers.

1.3.7 Roads

Access to the mineral exploration sites is limited as there are currently no convenient roads, except for 4x4 tracks.

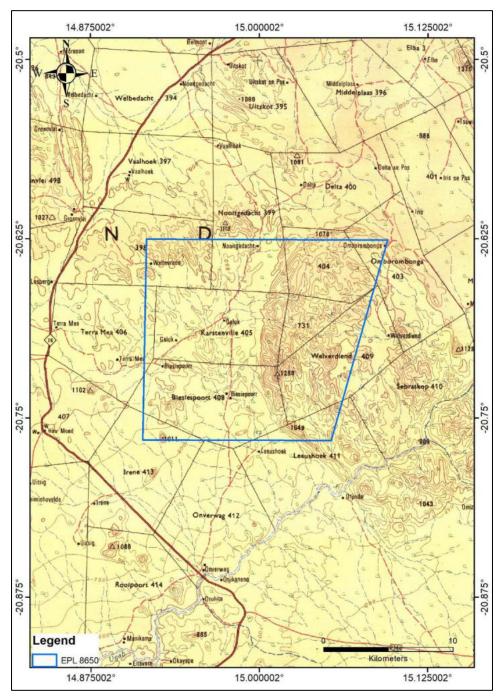


Figure 4 Topographic map showing the existing road network within the licence area.

1.3.8 Mobile Equipment

The proponent's vehicle fleet will be optimised during the next project phase. Provision will be made 4x4 vehicles and a drill rig.

1.3.9 Fuel Distribution, storage and supply

During the drilling phase, diesel will be delivered to the by road transport and offloaded into the vehicles by offloading pumps.

1.3.10 Storage of Lubrication and consumables

During the drilling phase, consumables and lubricants will be stored in a designated area within a container. These substances will only be used for mechanical purposes and are assumed to be non-hazardous.

1.3.11 Fire Fighting Provision

Portable fire-extinguishers will be fitted, as required, in vehicles and, as well as in the mobile containers where possible.

1.4 Environmental Impact Assessment Requirements

The Environmental Regulations procedure (GN 30 of 2012) stipulates that no mineral exploration activities may be undertaken without an environmental clearance certificate. As such, an environmental clearance certificate must be applied for in accordance with regulation 6 of the 2012 environmental regulations. It is imperative that the environmental proponent must conduct a public consultation process in accordance with regulation 21 of the 2012 environmental procedure, produce an environmental scoping report and submit an Environmental Management Plan for the proposed mineral exploration activities.

1.5 Purpose of the Scoping Report

The scoping report is prepared for the Environmental Impact Assessment for mineral exploration on an area which is located 32 km southeast of Khorixas, accessible from the C36 road. Environmental scoping is a critical step in the preparation of an EIA for the proposed mineral exploration activities. The scoping process identifies the issues that are likely to be most important during the EIA and eliminates those that are of little



concern. The scoping process shall be concluded with the establishment of terms of reference for the preparation of an EIA, as set out by the Ministry of Environment and tourism. The purpose of this scoping report is to:

- Identify any important environmental issues to be considered before commencing with mineral exploration activities on the proposed mineral exploration sites.
- To identify appropriate time and space boundaries of the EIA study.
- To identify information required for decision-making.

As such, the key objectives of this scoping study are to:

- Inform the public about the proposed mineral exploration activities.
- Identify the main stakeholders, their comments and concerns.
- Define reasonable and practical alternatives to the proposal.
- To establish the terms of reference for an EIA study.

1.6 Terms of Reference

The approach and methodology taken was guided by the Environmental Regulations of 2012 and the Terms of Reference (ToR) which were provided by the proponent:

- Identify all legislation and guidelines that have reference to the proposed project.
- Identify existing environmental (both bio-physical and socio-economic) conditions of the area in order to determine their environmental sensitivity.
- Inform Interested and Affected Parties (I&APs) and relevant authorities of the details of the proposed development and provide them with a reasonable opportunity to participate during the process.
- Consider the potential environmental and social impacts of the development and assess the significance of the identified impacts.
- Compile a Scoping Report detailing all identified issues and possible impacts, stipulating the way forward and identifying specialist investigations, if required.



- Outline management and mitigation measures in an Environmental Management Plan (EMP) to minimize and/or mitigate potentially negative impacts.
- Submit the final scoping report to the competent authority and the Environmental Commissioner.



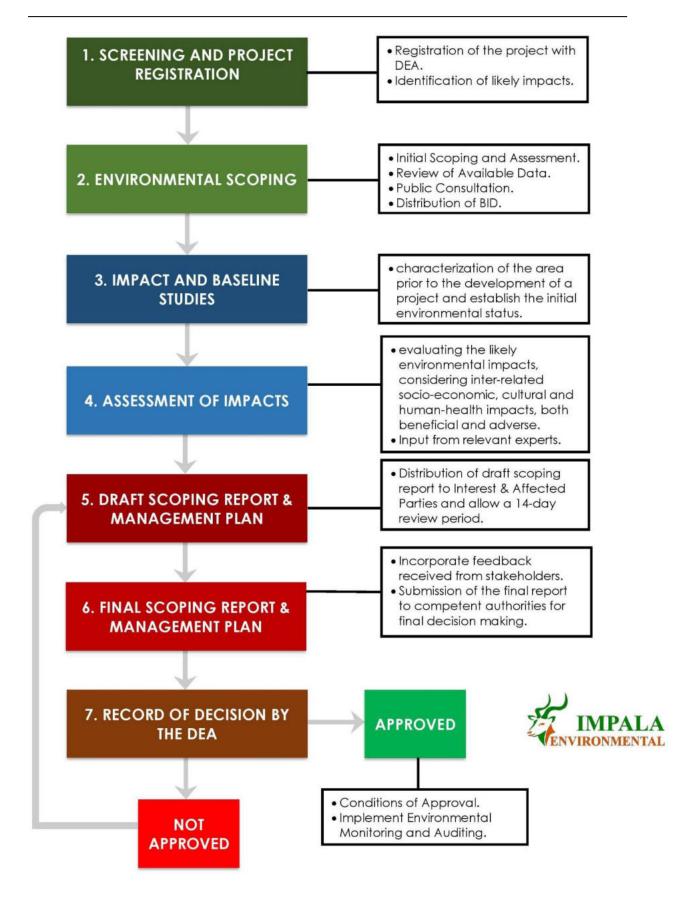


Figure 5 Flowchart of the Environmental Impact Assessment process followed in Namibia.



1.6.1 Environmental Assessment Approach and Methodology

Environmental assessment process in Namibia is governed by the Environmental Impact Assessment (EIA) Regulations No. 30 of 2012 gazetted under the Environmental Management Act, (EMA), 2007, (Act No. 7 of 2007) and in line with the provisions of the Cabinet approved Environmental Assessment Policy for Sustainable Development and Environmental Conservation of 1995.

This report has taken into consideration all the requirements for preparation of all the supporting documents and application for an Environmental Clearance Certificate and lodgement of such application to the Environmental Commissioner (EC), Department of Environmental Affairs (DEA) in the Ministry of Environment and Tourism (MET).

The purpose of the Scoping Phase was to communicate the scope of the proposed project to Interested and Affected Parties (I&APs), to consider project alternatives, to identify the environmental (and social) aspects and potential impacts for further investigation and assessment, and to develop the terms of reference for specialist studies to be conducted in the Impact Assessment Phase if necessary. The steps undertaken during the Scoping Phase are summarised below.

1.6.1.1 Project Initiation and Screening

The project registered on the online ECC portal (eia.met.gov.na) in order to provide notification of the commencement of the EIA process and to obtain clarity on the process to be followed.

1.6.1.2 Initial Scoping Public Participation Process

The objective of the public scoping process was to ensure that interested and affected parties (I&Aps) were notified about the proposed project, given a reasonable opportunity to register on the project database and to provide initial comments. Steps that were undertaken during this phase are summarised below:

 I&AP identification: A preliminary I&AP database was compiled using the farmer's contact details that were obtained from the Ministry of Lands and contact details of other interested and affected parties that were provided by the proponent. Additional I&AP's were added to the database based on



responses to the advertisements and notification letters, as well as attendees to the various meetings.

- Notification letter and Background Information Document (BID): A notification letter and Background Information Document was distributed for review and comment for a period of 3-4 weeks after commencement of the project.
- Advertisements and site notice: Advertisements announcing the proposed project, the availability of the BID, public meetings and the I&AP registration / comment period were placed in two widely distributed newspapers for two consecutive weeks. Site notices were placed on the boundaries of farm fences and on the notice boards of the Regional Council.

Over and above the issues raised were incorporated into the scoping report. These submissions were collated and responded to as indicated in the public participation section of the scoping report.

1.6.1.3 Compilation and Review of Draft Scoping Report (DSR)

The DSR was prepared in compliance with Section 8 of the EIA Regulations of 2012 and incorporated with comments received during the initial Public Participation Process. The DSR was distributed for a 14-day review and comment period.

1.6.1.4 Final Scoping Report and Completion of the Scoping Phase

The Final Scoping Report (FSR) summarises the following: the legal and policy framework; approach to the EIA and process methodology; the project's need and desirability; proposed project activities; key characteristics of the receiving environment; and key issues of concern that will be further investigated and assessed in the next phase of the EIA.

The FSR complies with Section 8 of the EIA Regulations 2012. All written submissions received during the DSR review and comment period will be collated and responded to. The FSR was submitted to the competent authority. In terms of Section 32 of the Environmental Management Act, 2007 (No. 7 of 2007), the competent authority is then required to make a recommendation on the acceptance or rejection of the report to Ministry of Environment and Tourism (MET): Department of Environmental Affairs (DEA), who will make the final decision.



1.6.2 List of Specialist Studies Undertaken

Section 9(a) of the Environmental Regulations of 2012 requires a disclosure of all the tasks to be undertaken as part of the assessment process, including any specialist to be included if necessary.

The mineral exploration project has not commenced yet. This means that the proponent has not conducted any surface exploration activities (i.e. geophysical survey, geological mapping and geochemical sampling) to find anomalies and determine suitable targets which can be tested with drilling. As such, no field specific specialist studies were commissioned by the proponent as no specific target area has been delineated yet. Although specialist studies were deemed unnecessary for this environmental impact assessment due to low intensity and extent of the exploration activities at this stage, a heritage impact assessment study was undertaken for this project. Specialist studies conducted in the area, in previous years, have been reviewed as part of the scoping and assessment process of this project.

After the proponent successfully drills a delineated target, undertakes a feasibility study and confidently decides to proceed with mining, a full environmental impact assessment will be carried out with appropriate site-specific specialist studies on groundwater, air-quality, fauna, flora, archaeology and avifauna.

1.7 Need and Desirability

1.7.1 Need of the Exploration Project

Mineral exploration companies play an important role in the development of a country's mineral resources. When minerals are mined, the company selling the product must pay a royalty to the government). The royalties are set by the government at a level that will encourage others to risk their capital in finding and developing these minerals, rather than the government risking taxpayer's money. This way the country can share in benefit of mineral resources without risking funds required for key everyday services to the community.

Namibia has a long tradition of mining. In 2018, mining contributed 14% of GDP and expanded 28%. In 2019, the mining industry contributed over 300 million dollars to government revenue. The whole industry contributed around 2.2 billion dollars to the national economy in the same period. However, a drop in diamond and uranium



production caused a contraction of 11,1%. Lower mineral commodity prices led to the declining expenditure on exploration. In 2019, the mining industry paid over 300 million dollars in wages and salaries and provided 16 324 direct jobs with 9 027 permanent employees. Temporary jobs figured out 800, while 6 515 were contractor jobs.

The exploration project may assist in helping Namibia attain some of the goals set out in National Development Plans such as the Fifth National Development Plan (NDP5) and the Harambee Prosperity Plan (HPP). During the exploration phase, the project will provide employment to at least 15 people from the surrounding towns and settlements. If the exploration project leads to the discovery of an economically viable mineral deposit, this may subsequently lead to the development of a mine within the area. A mine can significantly contribute to social-economic development around the surrounding community.

1.7.2 Alternatives

During the application of the exploration licence, no alternative sites were considered. The proposed exploration site has shown the potential to host an orogenic gold deposit.

1.7.2.1 Exploration Method Alternatives

Geochemical sampling and geological mapping methods will be used during the initial exploration period until a target is delineated. Thereafter, reverse circulation and diamond drilling methods will be employed to test the depth and extent of the mineralised rock units. If more modern, effective, and environmentally friendly exploration methods than the preferred ones are developed, such methods will be assessed and or considered.

1.7.2.2 No-Go Alternatives

The no-go alternative will mean that the current land activities such as farming and important vegetation species will not be disturbed, that is, there will not be disturbance of the flora and fauna.

No-go alternative will result in the non-exploration of minerals and bring beneficiations to the receiving environment. However, the no-go alternative is not considered since it will lead to negative socio-economic impacts.



2 Summary of applicable legislation

All mineral rights, related to mineral exploration activities in Namibia, are regulated by the Ministry of Mines and Energy whereas the environmental regulations are regulated by the Ministry of Environment and Tourism. The acts that affect the implementation, operation and management of mineral exploration activities in Namibia are shown below.

2.1 Environmental Management Act of 2007

Line Ministry: Ministry of Environment and Tourism

The regulations that accompany this act lists several activities that may not be undertaken without an environmental clearance certificate issued in terms of the Act. The act further states that any clearance certificate issued before the commencement of the act (6 February 2012) remains in force for one year. If a person wishes to continue with activities covered by the act, he or she must apply for a new certificate in terms of the Environmental Management Act.

2.2 The Minerals Prospecting and Mining Act of 1992

Line Ministry: Ministry of Mines and Energy

The Minerals Prospecting and Mining Act No.33 of 1992 approves and regulates mineral rights in relation to exploration, reconnaissance, prospecting, small scale mining, mineral exploration, large-scale mining and transfers of mineral licences.

2.3 Water Resources Management Act of 2004

Line Ministry: Ministry of Agriculture, Water and Forestry

The act provides for the management, protection, development, usage and conservation of water resources; to provide for the regulation and monitoring of water resources and to provide for incidental matters.

2.4 Nature conservation ordinance, ordinance No. 4 of 1975

Line Ministry: Ministry of Environment and Tourism

The Nature Ordinance 4 of 1975 covers game parks and nature reserves, the hunting and protection of wild animals (including reptiles and wild birds), problem animals, fish,



and the protection of indigenous plants. It also establishes a nature conservation board. The basic set of regulations under the ordinance is contained in GN 240/1976 (OG 3556). The topics covered in the regulations include tariffs (game parks), regulations relating to game parks, swimming baths, use of boats in game parks, inland fisheries, keeping game and other wild animals in capturing. In addition, the ordinance also regulates game dealers, game skins, protected plants, birds kept in cages, trophy hunting of hunt-able game, hunting at night, export of game and game meat, sea birds, private game parks, nature reserves, regulations of wildlife associations and registers for coyote getters.

2.5 National Heritage Act, 2004 (Act No. 27 of 2004)

Line Ministry/Body: National Heritage Council

The National Heritage Act provides for the protection and conservation of places and objects of heritage significance and the registration of such places and objects; to establish a National Heritage Council; to establish a National Heritage Register; and to provide for incidental matters.

2.6 Petroleum Products and Energy Act No. 13 of 1990

Line Ministry/Body: Ministry of Mines and Energy

The act regulates the importation and usage of petroleum products. The act reads as "To provide measures for the saving of petroleum products and an economy in the cost of the distribution thereof, and for the maintenance of a price thereof; for control of the furnishing of certain information regarding petroleum products; and for the rendering of services of a particular kind, or services of a particular standard; in connection with motor vehicles; for the establishment of the National Energy Fund and for the utilization thereof; for the establishment of the National Energy Council and the functions thereof; for the imposition of levies on fuel; and to provide for matters incidental thereof".

2.7 Forest Act, No. 12 of 2001

Line Ministry/Body: Ministry of Agriculture, Water and Forestry



The act regulates the cutting down of trees and reads as follows "To provide for the establishment of a Forestry Council and the appointment of certain officials; to consolidate the laws relating to the management and use of forests and forest produce; to provide for the protection of the environment and control and management of forest trees; to repeal the preservation of Bees and Honey proclamation 1923, preservation of Trees and Forests Ordinance, 1952 and the Forest Act, 1968; and to deal with incidental matters".

The constitution defines the function of the Ombudsman and commits the government to sustainable utilization of Namibia's natural resources for the benefit of all Namibians and describes the duty to investigate complaints concerning the over-utilization of living natural resources for the benefit of all Namibians and describes the duties to investigate complaints concerning the over-utilization of living natural resources, the irrational exploitation of non-renewable resources, the degradation and the destruction of ecosystem and failure to protect the beauty and character of Namibia. Article 95 states that "the state shall actively promote and maintain the welfare of the people by adopting; inter-alia policies aimed at maintenance of ecosystems, essential ecological processes and biological diversity of Namibia and utilization of natural resources on a sustainable basis for the benefit of all Namibians both present and future".

2.8 Atmospheric Pollution Prevention Ordinance 11 of 1976

Line Ministry/Body: Ministry of Health and Social Services

This ordinance provides for the prevention of air pollution and is affected by the Health Act 21 of 1988. Under this ordinance, the entire area of Namibia, with the exception of East Caprivi, is proclaimed as a controlled area for the purposes of section 4(1) (a) of the ordinance.

2.9 Hazardous Substance Ordinance, No. 14 of 1974

Line Ministry/Body: Ministry of Safety and Security

The ordinance provides for the control of toxic substances. It covers manufacture, sale, use, disposal and dumping as well as import and export. Although the



environmental aspects are not explicitly stated, the ordinance provides for the importing, storage and handling.

2.10 Namibian Water Corporation (Act 12 of 1997)

Line Ministry/Body: Namibian Water Corporation

The act caters for water rehabilitation of prospecting and mineral exploration areas, environmental impact assessments and for minimising or preventing pollution.

2.11 Public and Environmental Health Act, 2015

Line Ministry/Body: Ministry of Health and Social Services

provide a framework for a structured uniform public and environmental health system in Namibia; and to provide for incidental matters.

2.12 Agricultural (Commercial) Land Reform Act 6 of 1995

Line Ministry/Body: Ministry of Lands, Resettlement and Rehabilitation

To provide for the acquisition of agricultural land by the State for the purposes of land reform and for the allocation of such land to Namibian citizens who do not own or otherwise have the use of any or of adequate agricultural land, and foremost to those Namibian citizens who have been socially, economically or educationally disadvantaged by past discriminatory laws or practices; to vest in the State a preferent right to purchase agricultural land for the purposes of the Act; to provide for the compulsory acquisition of certain agricultural land by the State for the purposes of the Act; to regulate the acquisition of agricultural land by foreign nationals; to establish a Lands Tribunal and determine its jurisdiction; and to provide for matters connected therewith.



3 Description of Proposed Mineral exploration Project

3.1 Introduction

Base metals are any nonferrous (they contain no iron) metals that are neither precious metals nor noble metals. The most common base metals are copper, lead, nickel, tin, aluminium, and zinc. Base metals are more common and more readily extracted than precious metals, which include gold, silver, platinum, and palladium. Noble metals, some of which also are precious, are unlike base metals because they resist oxidation. Some common examples of noble metals include silver, gold, osmium, iridium, and rhodium.

Pure base metals oxidize relatively easily. Except for copper, they all react with hydrochloric acid to form hydrogen gas. Base metals also are less expensive than their counterpart precious metals because they are so much more common. Base metals are used in a wide variety of applications. Copper is commonly used in electrical wiring because of its high ductility and conductivity. It's also good for wiring since it is the one base metal that resists oxidation and does not corrode as easily. Lead has proven to be a reliable source for batteries, and nickel often is used to strengthen and harden metal alloys, including stainless steel. Base metals also are used frequently to coat other metals. For example, zinc is used to coat galvanized steel.

3.2 Nature of the Development

The mineral licence is valid for Base and Rare Metals, Precious Metals, and Industrial Minerals commodities. The licence contains iron ore dolostones of the Okatjise formation which will form part of the main exploration target.

3.3 Non-invasive Exploration

Before exploration field work commences, an initial field study will be undertaken to identify specific areas of interest. This will be done by various methods:

- 1) Historical geological data compilation
- 2) Geochemical Sampling



3) Mapping

The processes above will be used to select smaller target areas to focus further activities on. These may include ground geophysics and further, more detailed, mapping.

3.4 Invasive Exploration

Once a target area has been identified, more invasive activities will be conducted to investigate the potential of the lithium brines in the area. These include soil and stream sediment sampling, and trenching. Drilling will take place if the results from the soil and stream sediment sampling are positive.

3.4.1 Soil and Stream Sediment Sampling

This process will involve taking small amount of material for the beds of streams, or from with the soil profile, and sending these samples off to laboratories for analysis.

3.4.2 Trenching

Trenching will involve digging a trench through the soil profile to the underlying rock beneath. Samples of this rock will be taken and sent off for analysis.

3.4.3 Drilling

Further investigation at greater depths will be conducted by drilling. There are several drilling types of drilling which may be used including drilling using high air pressure (RAB and RC drilling), or drilling using high rotation speeds (DD drilling). The type of drilling depends upon several factors including the geological information required, cost, environment, access and fuel and water supply.

3.5 Exploration Camp

Exploration staff will be accommodated in Khorixas. Exploration activities will take place during daytime and the exploration team will be commuting to the work site.

3.6 Labour Requirements

The proponent intends to employ about 5-15 personnel, including 3 management staff for the first phase of the project. The employees will be sourced from the local



community including people from Uis. All employees will undergo a safety induction, first aid training course and wildlife awareness program. The Labour Act of 2007 will always be adhered to.



4 Description of the Current Environment

4.1 Introduction

This section aims to document the present state of the environment, the likely impact of changes being planned and the regular monitoring to attempt to detect changes in the environment. As such, this area represents a high fauna diversity.

Namibia has four very large and arid regions which set them apart in various ways from the rest of the country; Kunene and Erongo region in the west and Karas and Hardap in the south (Mendelsohn, et al., 2002). Kunene Region occupies the north-west corner of Namibia. The Skeleton Coast Park forms its entire western boundary with the Atlantic Ocean. The Kunene River with its Epupa Falls forms an international boundary with Angola to the north. Nationally, Kunene is bordered by Omusati Region and the western boundary of Etosha National Park. In the south it forms the southern boundary of most of Etosha National Park and borders Erongo and Erongo regions. The region is home to the Skeleton Coast Park and many conservancies. Erongo is one of the central regions in Namibia with a size of 105,185 square kilometers, with vegetation ranging from open savanna around Uis, to lush vegetation and massive bright red sandstone cliffs.

There is generally an absence of fences in most parts of the Kunene Region. This makes livestock farming easier which means that both wild and domestic animals can move widely in many places, migrating from areas of poor grazing to other places with more abundant pastures.

4.2 Climatic Conditions

4.2.1 Temperature

In the proposed area, October is the warmest month with an average temperature of 29°c at noon. June is the coldest month with an average temperature of 17°c at night. Khorixas, which is in the vicinity of the project area, has distinct temperature seasons, the temperature varies during the year.



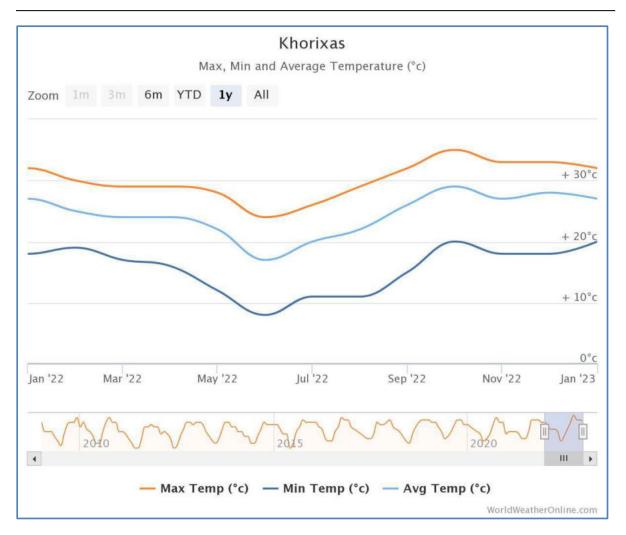


Figure 6 A graph showing the temperature patterns in Khorixas, from www.worldweatheronline.com In winter, temperatures can get to below degrees centigrade. Overall, winters are mild in temperature, with coldest month most often being June.

4.2.2 Precipitation

In the proposed area, the highest rainfall is usually experienced in February which may reach 49,1 mm with average rainfall days of 3. In May to November, Khorixas receive little to no rain. The graph below shows the rainfall patterns in the area.



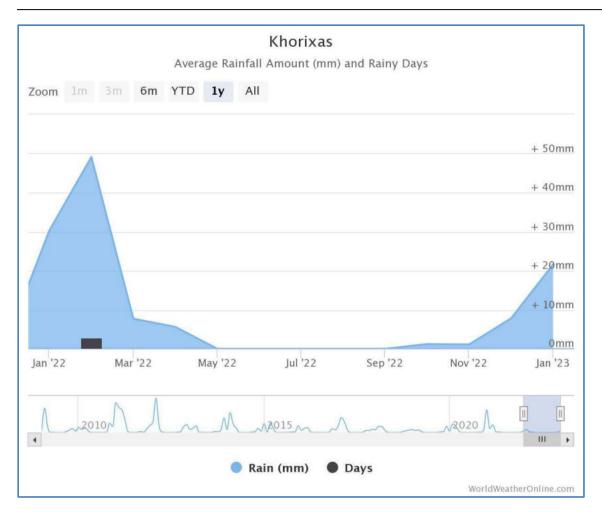


Figure 7 A graph showing rainfall patterns in Khorixas, from www.worldweatheronline.com

4.2.3 Wind

Predominantly south easterly. Southerly, easterly and northerly airflow is common. The highest wind speeds are experienced in October to December(+/- 27 km/h).



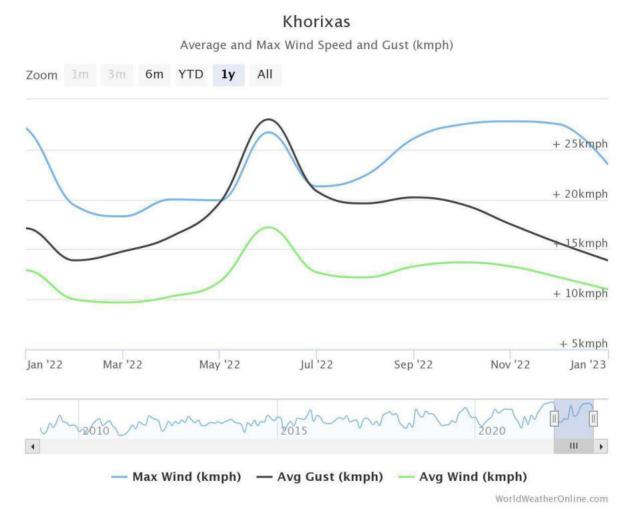


Figure 8 A graph showing windspeed patterns in Khorixas, from www.worldweatheronline.com

4.2.4 Humidity

The relative humidity during the least humid month of the year, i.e. September, is around 19% and the most humid month is February with 58% humidity. Namibia has a low humidity in general, and the lack of moisture in the air has a major impact on its climate by reducing cloud cover and rain and increases the rate of evaporation.



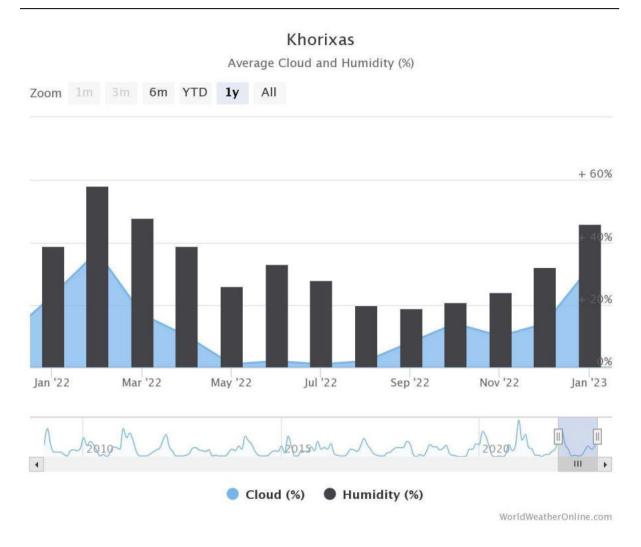


Figure 9 A graph showing the humidity patterns in Khorixas, from www.worldweatheronline.com

4.2 Air Quality

Activities around the exploration licence area mainly consist of tourism and small-scale livestock farming. Besides other exploration activities, there are no other industries or operating mines in the area or mines in the area. Probable sources of air pollution in the area are emissions and dust from vehicles travelling on gravel roads, dust generated by cattle grazing and wind erosion from the exposed areas.

 PM_{10} describes all particulate matter in the atmosphere with a diameter equal to or less than 10 µm and are generally emitted from motor vehicles (diesel engines) and burning of wood. $PM_{2.5}$ describes all particulate matter in the atmosphere with a diameter equal to or less than 2.5 µm and are mostly related to combustion. NO₂ and nitric oxide (NO) are formed simultaneously in combustion processes and other high temperature operations such as blast furnaces. Sources of SO₂ include fossil fuel



combustion from industry and power plants. SO₂ is emitted when coal or other biomass fuels are burnt for energy.

Data from accuweather.com shows that the air quality in the area is generally excellent with an air quality index of 18 AQI. The ground-level ozone (O₃) is about 18 μ g/m³ which is excellent. The fine particle matter levels (PM _{2.5}) are about 7 μ g/m³. The particle matter (PM₁₀) is about 6 μ g/m³. The nitrogen dioxide (NO₂), carbon monoxide (CO), and sulphur dioxide (SO₂) levels in the area are recorded to be 0 μ g/m³.

4.3 Geology

4.3.1 Geological setting

The mineral licence is hosted by rocks within the Southern Central Zone of the Damara Orogen. This terrane comprises mid Proterozoic granitic basement inliers, overlain by metamorphosed late Proterozoic arkoses, shelf carbonates, turbidites and minor volcanic rocks that have been intruded by numerous granites and pegmatites.

Most of the project area is underlain by meta-sedimentary rocks of the Nosib Group meta-arkoses (Etusis Formation) or the stratigraphically younger Swakop Group marine carbonates and meta-turbidites comprising the Arandis Formation (biotite schist, minor quartz schist calc-silicate rock and amphibolite), the Uis Formation (dominantly dolomitic and calcitic marbles with minor calc-silicate) and the overlying Kuiseb Formation (schistose quartz feldspar mica meta-greywacke and meta-pelite). Glaciogenic mixtites of the Chuos and Ghaub Formations have limited exposure in the project area. The Swakop Group sediments have been intruded by a series of syn-, late-syn- and post-tectonic granite and pegmatite bodies.

The project is straddled by the magnetically defined regional scale Abbabis Lineaments. These lineaments are interpreted to be important tectono-stratigraphic boundaries associated with changes in sedimentology, structure and type of granitic intrusion observed in the Damara Orogen and have known association and control with uranium and other forms of mineralization. The structural setting of the Project area is complex with sediments deformed during poly-phase deformation and metamorphosed to upper greenschist-amphibolite facies.



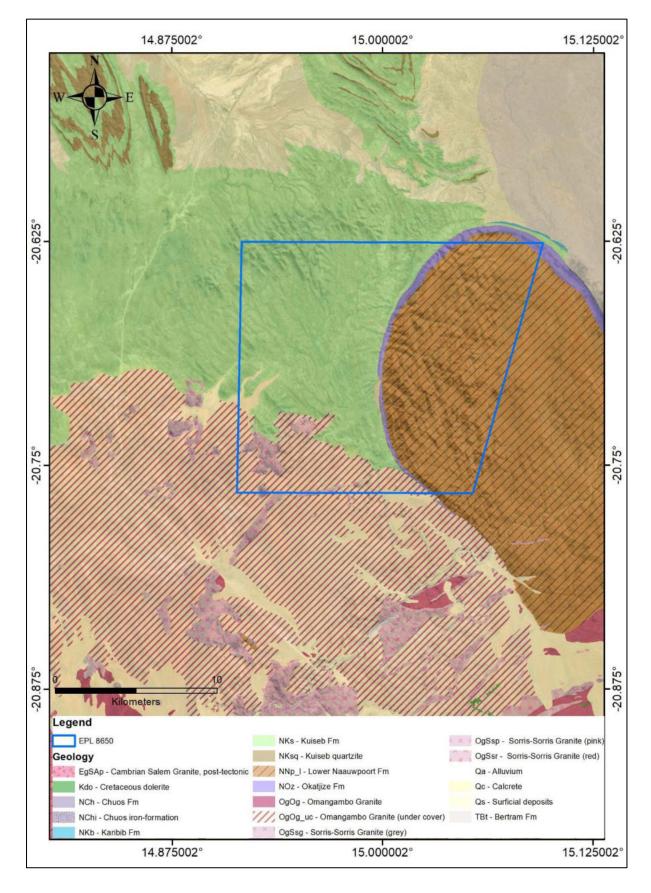
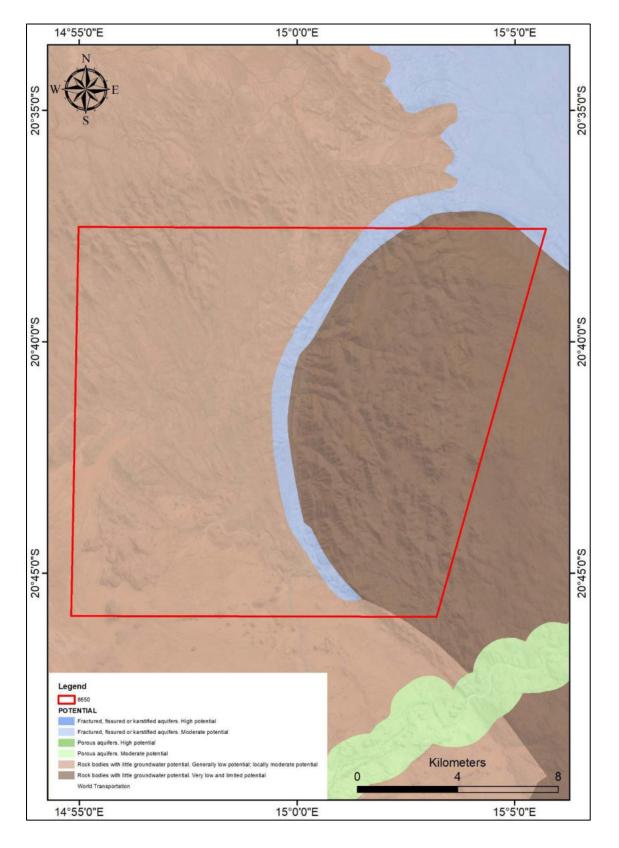


Figure 10 A geological map of the area



4.4 Hydrogeology and Water Resources

The area is underlain by rocks with little groundwater potential.





4.5 Flora

Rainfall in the Kunene Region is usually both low and extremely variable which means that years of abundant rain often followed by extreme dry conditions (Mendelsohn, et al., 2002). In form, vegetation is generally sparse, with few trees and a thin variety of grass. Plant cover varies in relation to rainfall and so the eastern parts of Kunene have more grass and trees than the Western, coastal areas (Christian, 2005). The surrounding area is characterised by high botanical diversity. Based on the literature review, all the vegetation that are found within the vicinity of the area are of "medium" to "high" sensitivity against external conditions. The growing season is very short due to the semi-arid climate.

Grass is dependable on rainfall, which in-turn causes livestock and other animals to suffer during periods of minimal rainfall (Burke, 2003). The mineral exploration area, which is semi-arid, contains diverse vegetation species which include a number of species endemic to Namibia. Table 1 below lists the different plant species which are most likely to occur within the project area.

| SCIENTIFIC NAME | COMMON NAME | STATUS IN NAMIBIA |
|---------------------------|-----------------------|-------------------------|
| Acacia erioloba | Camel thorn | Protected |
| Acacia mellifera | Black thorn | Secure |
| Acacia reficiens | False umbrella thorn | Secure |
| Acacia haematoxylon | Grey camel thorn | Protected |
| Acacia erubescens | Blue thorn | Secure |
| Acacia karroo | Sweet thorn | Secure |
| Acacia tortolis | Umbrella thorn | Secure |
| Acacia hereroensis | False hook-thorn | Secure |
| Commiphora tenuipetiolata | White-stem corkwood | Secure |
| Aloe littoralis | | Protected |
| Ozoroa crassinervia | Namibian resin tree | Near endemic, protected |
| Boscia albitrunca | Shepherd's tree | Protected |
| Albizia anthelmintica | Worm-bark false-thorn | Protected |
| Ziziphus mucronata | Buffalo-thorn | Protected |
| Catophractes alexandri | Trumpet thorn | Secure |
| Combretum apiculatum | Red bush willow | Secure |
| Commiphora dinteri | | Endemic |
| Commiphora glandulosa | Tall common corkwood | Secure |
| Commiphora glaucescens | Blue-leaved corkwood | Nearendemic |
| Croton gratissimus | Lavender fever-berry | Secure |
| Cyphostemma bainesii | | Endemic, protected |

Table 1 A table showing plant species which are likely to occur in the area



| Dichrostachys cinerea | Sickle bush | Secure |
|------------------------------|----------------------------|--------------|
| Diospyros lycioides | Blue bush | Secure |
| Dombeya rotundifolia | Common wild pear | Endemic |
| Ehretia alba | | Secure |
| Elephantorrhiza suffruticosa | | Secure |
| Euclea pseudebenus | Ebony tree | Protected |
| Euclea undulata | Common guarri | Secure |
| Euphorbia guerichiana | Western woody milk bush | Secure |
| Euphorbia virosa | | Secure |
| Ficus cordata | Namaqua fig | Protected |
| Ficus ilicina | Laurel fig | Secure |
| Ficus sycomorus | Common cluster fig | Protected |
| Grewia bicolor | White raisin | Secure |
| Grewia flava | Velvet raisin | Secure |
| Grewia flavescens | Sand paper raisin | Secure |
| Gymnosporia senegalensis | Red spike-thorn | Secure |
| Ipomoea adenioides | | Secure |
| Lycium bosciifolium | | Secure |
| Lycium cinereum | | Secure |
| Lycium eenii | | Secure |
| Lycium hirsutum | | Secure |
| Lycium villosum | | Secure |
| Maerua juncea | | Secure |
| Maerua schinzii | Ringwood tree | Protected |
| Manuleopsis dinteri | | Endemic |
| Melianthus comosus | | Secure |
| Obetia carruthersiana | | Near endemic |
| Pechuel-Loeschea leubnitziae | | Secure |
| Sterculia africana | African star-chestnut | Protected |
| Tarchonanthus camphoratus | | Secure |
| Tetragonia schenckii | | Secure |
| Vernonia cinerascens | | Secure |
| Searsia (Rhus) ciliata | | Secure |
| Searsia (Rhus) lancea | Karree | Protected |
| Searsia (Rhus) marlothii | | Secure |

The density of vegetation in the vicinity of the mineral exploration site is sparse. Every effort will be made to protect the existing trees and schrubs, as these are very important to the ambience and visual appeal of the mineral exploration site. A vegetation expert will be consulted throughout the lifecycle of the mineral exploration program. The protected plant species in the project area are shown in the table below.



| SCIENTIFIC NAME | COMMON NAME |
|-----------------------|-----------------------|
| Acacia erioloba | Camel thorn |
| Acacia haematoxylon | Grey camel thorn |
| Albizia anthelmintica | Worm-bark false-thorn |
| Boscia albitrunca | Shepherd's tree |
| Euclea pseudebenus | Ebony tree |
| Ficus cordata | Namaqua fig |
| Ficus sycomorus | Common cluster fig |
| Maerua schinzii | Ringwood tree |
| Ozoroa crassinervia | Namibian resin tree |
| Searsia (Rhus lancea) | Karree |
| Sterculia Africana | African star-chestnut |

Table 2 Table of plant species which are protected under the Forestry Act and likely to occur in the area.

4.6 Fauna

4.6.1 Introduction

The information is based on a detailed literature review and a site visit which was carried out. The purpose of the Fauna literature review is to identify all potential amphibians, reptiles, and mammals expected on the project area and the surrounding farms in the vicinity of the mineral exploration area. The proposed mineral exploration area supports numerous faunal species but there are no species that are exclusive to the study area.

Larger types of animals such as zebras, giraffes, lions and elephants are rare in this area. There are no species which are exclusively endemic to the exploration area. Based on literature review, development of a mineral exploration project in the area will not have a negative impact on any of the species in the project area.

4.6.2 Amphibians

Based on the literature review, there are generally 14 types of amphibian species that occur in project area. Nine of these amphibian species occur abundantly, two occur rarely and six of them occur uncommonly. Griffin (1998) highlighted that amphibian species are declining throughout the world due to various factors such as climate



change and habitat destruction. There are approximately 4000 species of amphibians worldwide of which over 200 species are present in Southern Africa and 57 in Namibia (Griffin, 1998). However, this low figure may be due to the lack of detailed studies carried out on amphibians. The table below shows the different amphibian species that are likely to occur within the study area.

| SCIENTIFIC NAME | COMMON NAME | MON NAME STATUS | | REFERENCE | |
|--------------------------------|------------------------|-----------------------------------|---------------|-------------------------|--|
| | | | | | |
| PLATANNAS | 1 | | | 1 | |
| | | | | | |
| Xenopus laevis | COMMON PLATANNA | SECURE | ABUNDANTLY | (Daudin, 1802) | |
| TOADS | | | | | |
| ICADO | | | | | |
| Breviceps adspersus | BUSHVELD RAIN FROG | SECURE | ABUNDANTLY | Peters, 1882 | |
| Bufo dombensis | DOMBE DWARF TOAD | ENDEMIC & INADEQUETLY KNOWN | ABUNDANTLY | Bocage, 1895 | |
| Bufo poweri | MOTTLED TOAD | SECURE | ABUNDANTLY | Hewitt, 1935 | |
| | | | | | |
| FOSSORIAL FROG | S | | | | |
| Phrynomantis affinis | SPOTTED RUBBER FROG | AMBIGUOUS (RARE?) | RARELY | (Boulenger, 1901) | |
| Phrynomantis bifasciatus | BANDED RUBBER FROG | SECURE | ABUNDANTLY | (Smith, 1848) | |
| | | | | | |
| SAND FROGS, BUL | LFROGS, RIDGED FI | ROGS, CACOS, P | UDDLE FROGS e | tc. | |
| Cacosternum boettgeri | COMMON CACO | SECURE | ABUNDANTLY | (Boulenger, 1882) | |
| Hildebrandtia ornata | ORNATE FROG | SECURE | UNCOMMONLY | (Peters, 1878) | |
| Phrynobatrachus mababiensis | MABABE PUDDLE FROG | SECURE | UNCOMMONLY | FitzSimons, 1932 | |
| Phrynobatrachus natalensis | SNORING PUDDLE FROG | SECURE | UNCOMMONLY | (A. Smith, 1849) | |
| Pyxicephalus adspersus | GIANT BULLFROG | SECURE | ABUNDANTLY | Tschudi, 1838 | |
| Tomopterna krugerensis | KNOCKING SAND FROG | SECURE | RARELY | Passmore et al, 1975 | |
| Tomopterna tandyi | TANDY'S SAND FROG- | SECURE | ABUNDANTLY | Channing et al, 1996 | |

Table 3 A list of amphibian species which may occur in the project area



| TREE FROGS, REED FROGS & KASSINAS | | | | | | |
|-----------------------------------|---------------------|--------|------------|-------------------|----|-----|
| Kassina senegalensis | BUBBLING KASSINA | SECURE | ABUNDANTLY | (Dumèril 1841) | et | al, |

4.6.3 Mammals

Based on the literature review, there are generally about 68 species of mammals expected to occur within the immediate area. There are generally 25 species which rarely occur, 2 species that occur seasonally, 4 that occur occasionally, and 33 that occur abundantly within the project area. Considering the relative size of the mineral exploration area, the mammal fauna will not be affected by the mineral exploration activities of the proponent. Namibia is seemingly well endowed with mammal diversity with around 250 species know to be present within the country (Griffin, 1998). There are currently 14 mammal species which are considered to be endemic to Namibia, including 11 species of rodents and small carnivores which are not well known. Griffin (1998), points out that most of these endemic mammals are associated with the Namib and Escarpment with 60% of these appearing to be rock-dwelling species. The author, Griffin (1998) further highlights that the endemic mammal fauna is best characterized by the endemic rodent family *Petromuridae* (Dassie rat) and the rodent genera Gerbillurus and Petromyscus. The table below shows the mammal species which are likely to occur within the study area. A full list, of mammal species that are likely to occur within the area, is in the appendix section at the end.

| SCIENTIFIC NAME | COMMON NAME |
|----------------------------|---------------------------|
| Acinonyx jubatus | Cheetah |
| Antidorcas marsupialis | Springbok |
| Atelerix frontalis angolae | Southern African Hedgehog |
| Canis mesomelas | Black-backed Jackal |
| Caracal caracal | Caracal |
| Crocuta crocuta | Spotted Hyena |
| Cynictis penicillata | Yellow Mongoose |
| Equus zebra hartmannae | Hartmann's Mountain Zebra |
| Felis nigripes | Black-footed Cat |
| Felis silvestris/lybica | African Wild Cat |
| Galerella sanguinea | Slender Mongoose |
| Genetta genetta | Small Spotted Genet |
| Ictonyx striatus | Striped Polecat |
| Lepus capensis | Cape Hare Secure |

Table 4 Mammal species which are likely to occur within the project area.



| Lepus saxatilis | Scrub Hare |
|------------------------------|--------------------|
| • | |
| Manis temminckii | Ground Pangolin |
| Mellivora capensis | Honey Badger/Ratel |
| Oreotragus oreotragus | Klipspringer |
| Oryx gazella | Gemsbok |
| Otocyon megalotis | Bat-eared Fox |
| Panthera pardus | Leopard |
| Parahyaena (Hyaena) brunnea | Brown Hyena |
| Phacochoerus africanus | Common Warthog |
| Proteles cristatus | Aardwolf |
| Raphicerus campestris | Steenbok |
| Suricata suricatta marjoriae | Suricate |
| Sylvicapra grimmia | Common Duiker |
| Tragelaphus strepsiceros | Greater Kudu |
| Vulpes chama | Cape Fox |

4.6.4 Reptiles

The literature review showed that there are approximately 60 reptile species that are expected to occur in the site area. According to the Namibia Conservation Ordinance of 1975, there are four reptile species protected, namely:

Table 5 Protected reptile species in the project area

| SCIENTIFIC NAME | COMMON NAME | STATUS |
|------------------------|-------------------------|-----------|
| Psammobates Oculiferus | Kalahari Tent Tortoise | Protected |
| Python Natalis | Southern African Python | Protected |
| Geochelone Pardalis | Leopard Tortoise | Protected |
| Varanus Albigularis | Veld Leguaan | Protected |

Griffin (1998) highlighted the presence of 261 species of reptiles which are present in Namibia. These reptiles make up 30% of the reptile species found on the continent. 55 species of Namibian Lizards are classified as endemic (Griffin, 1998). The author, Griffin (1998), describes that more than 60% of the reptiles found in Namibia are protected by the conservation Ordinance. Although mineral exploration activities do affect reptile habitat, the project will not have any significant impact on the reptile species within the proposed mineral exploration area. Namibia, with 129 species of lizards, has one of the continent's richest lizard Fauna. The table in the appendix shows the reptile species which are likely to occur within the vicinity of the mineral exploration area.



4.7 Avifauna (Birds)

Simmons et al (2003) points that although Namibia's Avifauna is comperatively sparse compared to the high rainfall equatorial areas elsewhere in Africa, approximately 658 species have already been recorded with a diverse unique group of arid endemics. There are approximately 650 species of birds that have been recorded in Namibia, although the country's avifauna is comparatively sparse compared to the high rainfall equatorial areas in Africa (Brown & Lawson, 1989). Brown et al (1989) mentions that 14 species of birds are endemic or near endemic to Namibia with the majority of Namibian endemics occurring in the Savannah of which ten species occur in a north-south belt of dry Savannah in Central Namibia. Simmons (2003) recorded 63 species of birds within the vicinity of the project area. 650 bird species are recorded in Namibia, of which 160 species are present in area, especially after good rains fall (Christian, 2005). These birds consist of raptors, chats, larks and karoid species. Christian (2005) recorded the presence of the following bird species in the vicinity of the area, which include:

| SCIENTIFIC NAME | COMMON NAME |
|------------------------|---------------------|
| Agapornis roseicollis | Rosy-faced Lovebird |
| Eupodotis rueppellii | Rüppell's Korhaan |
| Lanioturdus torquatus | White-tailed Shrike |
| Parus carpi | Carp's Tit |
| Phoeniculus damarensis | Violet Wood-Hoopoe |
| Poicephalus rueppellii | Rüppell's Parrot |
| Pternistis hartlaubi | Hartlaub's Spurfowl |
| Tockus damarensis | Damara Hornbil |
| Tockus monteiri | Monteiro's Hornbill |

Table 6 Bird scpecies which are likely to occur within the site area.

A full list of bird species within the area is shown in the appendix.

4.8 Archaeology and Heritage Sites

A separate archaeological study is attached to this report.



4.9 Socio-Economic Environment

4.9.1 Demographics of Khorixas

Khorixas is a town of 6,000 inhabitants in southern Kunene Region, Namibia. It was previously the capital of the Damaraland bantustan prior to Namibia's independence. It is located in Khorixas Constituency. Most of the inhabitants are from the Damara ethnic group. The town is located close to a petrified forest and the Twyfelfontein valley, known for its rock art.

The regional hospital and some other regional offices are still located in Khorixas, though the capital of Kunene Region is Opuwo. There are six schools and one branch of University of Namibia (UNAM) in Khorixas, Versteende Wood as the biggest primary school and Cornelius Goreseb High School is the biggest secondary school. Other schools are: Eddie Bowe, Welwitchia Primary School, Welwitchia Secondary School and Th. F. |Gaeb.

Khorixas has a semi-arid climate (BSh, according to the Köppen climate classification), with warm to hot summers and mild winters. It borders on a desert climate (BWh). West of Khorixas the D2620 winds its way through the mountains, following the Aba-Huab valley into the picturesque heart of Damaraland. East of Khorixas, also known as the Kalk Kegel or 'limestone skittle', the Vingerklip is a 35m high limestone rock sitting on a 44m circumference base. This unusual land mark was formed by erosion of the Ugab River floodplain over a period of 30 million years.

4.9.2 Social Economic Impact

Although a few people (including farmers) and animals might be negatively affected by dust and noise, the explorer will ensure that these aspects are properly mitigated. With the potential employment of 15 people, this means that 15 families will benefit from the project during the exploration phase. The project has great potential to improve livelihoods and contribute to sustainable development within the surrounding community. Community meetings will be held from time to time by the proponent wherever possible, with the purpose of effectively communicating with the local community and to avoid any unexpected social impacts.



5. Assessment of Impacts

The purpose of this assessments of impacts section is to identify and consider the most pertinent environmental impacts and to provide possible mitigation measures that are expected from the mineral exploration activities on EPL 8650. Two different phases are associated with the proposed development. Firstly, the target generation (mapping and sampling) phase, and secondly the drilling phase are being covered by this assessment. Should the mineral exploration activities cease in the future, an EIA will need to be conducted to deal with the associated changes to environment. Mitigation measures for the identified impacts are also provided in this Section.

The following assessment methodology was used to examine each impact identified:

| Evaluation Criteria | Symbol | Significance of Rating | | |
|--|--------|--|--|--|
| Nature of impact: | P or N | Effect the proposed activity would have on the affected environment which is positive (<i>P</i>) or negative (N) | | |
| Extent of impact: | 0 | On-Site (the site and it's immediate surrounds) | | |
| | L | Local (Mineral exploration Area) | | |
| | R | Regional (Kunene Region) | | |
| | N | National (Namibia) | | |
| | I | International | | |
| Duration of impact: | SD | Short Duration (0 to 5 years) | | |
| | MD | Medium Duration (5 to 15 years) | | |
| | LD | Long Duration (lifetime of the development) | | |
| Intensity of impact: | L | Low intensity where the natural, cultural and social functions and processes are not affected. | | |
| | Μ | Medium intensity where the affected environment altered but natural, cultural and social functions a processes can continue. | | |
| | Н | High intensity where the affected environment is altered to the extent that natural, cultural and social functions and processes will temporarily or permanently cease. | | |
| Probability of impact: | LP | Low probability is when the possibility of the impact occurring is low. | | |
| | Р | Probable is when there is a distinct possibility that it will occur. | | |
| | HP | Highly probable is when the impact is most likely to occur. | | |
| | D | Definite where the impact will occur. | | |
| Significance of Impact: Further subdivided into impacts with mitigation (MM) measures and impacts with no mitigation measures (NMM). | L | Low Significance is when natural, cultural, social and economic functions and processes are not affected. If the impacts are adverse, mitigation is either easily achieved or little will be required, or both. If impacts are beneficial, alternative means of achieving this benefit are likely to be easier, cheaper, more effective and less time=consuming | | |

Table 7 Assessment methodology used to examine the impacts identified



| Μ | Medium Significance is when the affected environment is altered but natural, cultural, social and economic functions and processes can continue. An impact exists but is not substantial in relation to other impacts that might take effect within the bounds of those that could occur. In the case of beneficial impacts, other means of achieving this benefit are about equal in time, cost and effort. |
|---|---|
| Η | High Significance is when the affected environment is altered to the extent that natural, cultural, social and economic functions and processes will temporarily or permanently cease. If impacts are adverse, there is no possible mitigation that could offset the impact, or mitigation is difficult, expensive, time consuming or a combination of these. In the case of beneficial impacts, the impact is of a Substantial order within the bounds of impacts that could occur. |

5.1. Overall socio-economic benefits and issues

5.1.1. Socio-economic benefits

With the potential employment of 15 people, this means that 15 families will benefit from the project during the exploration phase. The project has great potential to improve livelihoods and contribute to sustainable development within the surrounding community. Community meetings will be held from time to time by the proponent wherever possible, with the purpose of effectively communicating with the local community and to avoid any unexpected social impacts.

5.1.1.1. Potential Direct Benefits

Direct capital investment: The mineral exploration project will require a significant capital investment of at least N\$ 10 million. This will be used for mapping, sampling and drilling.

Stimulation of skills transfer: Due to the nature of mineral exploration projects, the proponent will implement ad-hoc training programme for some of its staff members. Training programmes will be well structured and staff members will permanently benefit from these training programmes.

Job creation: With the potential employment of 15 people, this means that 10 families will benefit from the project during the on-going phase. The project has a great potential to improve livelihoods and contribute to sustainable development within the surrounding community.



5.1.1.2. Potential Indirect Benefits

- The data generated from the exploration programme will be made available to the Ministry of Mines and Energy for future research purposes.
- General enhancement of the health conditions and quality of life for a few people in the surrounding settlements.
- Of significance is the prospect of diversification of the surrounding economy, which is presently mainly focussed on small-scale farming and small-scale mining of semi-precious stones.

5.1.1.3. General socio-economic concerns

Notwithstanding the above benefits there are a few concerns that could reduce or counteract the above benefits related to the project, as follows:

- As the movement of staff and contractors to and from the area increases, the risk of spread of HIV/AIDS increases.
- Increased influx of people to the area as people come in search of job opportunities during the target generation and drilling phase of the mineral exploration project; and
- Increased informal settlement and associated problems.

Table 8 Impact evaluation for socio-economy

| Identified | Signif | icance | Duration | Extent | Intensity | Probability |
|---|--------|--------|----------|--------|-----------|-------------|
| Impact | NMM | MM | | | | |
| Increased spread of HIV/AIDS | М | L | LD | N | М | LP |
| Increased influx of people to the area | L | L | SD | L | L | Р |
| Increased informal settlement in the area | М | L | MD | L | L | LP |

5.2. Mineral Exploration phases and associated issues

5.2.1. Mapping and Geochemical Sampling Phase of the Project

The following potential effects on the environment during the target generation phase of the mineral exploration project have been identified:



5.2.1.1. Dust

Dust may be generated during this phase and might be aggravated during the winter months when strong winds occur. Dust will be generated by the vehicles moving in the area. Fall out dust settling on vegetation is likely to cause local disruptions in herbivorous and predatory complexes and should be minimised as far as possible.

5.2.1.2. Noise

Noise will most likely be generated by vehicles during the target generation phase. It is recommended that vehicle movement be limited to normal daytime hours to allow nocturnal animals to roam freely at night.

5.2.1.3. Safety and Security

During mapping and sampling, small tools and equipment will be used on site. This increases the possibility of injuries and the responsible manager must ensure that all staff members are briefed about the potential risks of injuries on site. The manager is further advised to ensure that adequate emergency facilities, including first aid kits, are available on site. All Health and Safety standards specified in the Labour Act should be complied with.

Should a camp be necessary at a later stage, it should be in such a way that it does not pose a risk to the community members and wildlife that roam the area.

5.2.1.4. Visual

The proposed exploration area is situated more than 1 km from any main road. As such, any visual impact that might be caused by the exploration team are minimal. In some parts of the area, the topography of the mineral exploration site is slightly elevated.

| Identified | Significance | | Duration | Extent | Intensity | Probability |
|-------------------|--------------|----|----------|--------|-----------|-------------|
| Impact | NMM | ММ | | | | |
| Dust | L | L | SD | L | L | Р |
| Noise | М | L | SD | L | М | D |
| Safety & Security | L | L | SD | 0 | L | Р |
| Visual | L | L | MD | 0 | L | LP |

Table 9 Impact evaluation for the target generation phase of the project



5.2.2. Drilling Phase of the Project

During the operation phase of the project, a few holes will be drilled into the orebody. To conveniently refuelling company vehicles without driving long distances, a small portable fuel storage tank will be brought on site.

5.2.2.1. Air Quality

In terms of air quality, emissions will be given off by 4x4 vehicles and the drill rig but not to an extent that warrants concern. Dust will also be produced by the drill rig and the movement of vehicles in the area.

5.2.2.2. Fire and Explosion Hazard

Hydrocarbons are volatile under certain conditions and their vapours in specific concentrations are flammable. If precautions are not taken to prevent their ignition, fire and subsequent safety risks may arise.

All fuel storage and handling facilities in Namibia must however comply with strict safety distances as prescribed by SANS 10089. SANS 10089 is adopted by the Ministry of Mines and Energy as the national standard.

It must further be assured that enough water is available for fire firefighting purposes. In addition to this, all personnel must be sensitised about responsible fire protection measures and good housekeeping such as the removal of flammable materials including rubbish, dry vegetation, and hydrocarbon-soaked soil from the vicinity of the exploration area. Regular inspections should be carried out to inspect and test firefighting equipment and pollution control materials at the drilling site.

All fire precautions and fire control at the site must be in accordance with SANS 10089-1:1999, or better. A holistic fire protection and prevention plan is needed.

Experience has shown that the best chance to rapidly put out a major fire, is in the first 5 minutes. It is important to recognise that a responsive fire prevention plan does not solely include the availability of firefighting equipment, but more importantly, it involves premeditated measures and activities to timeously prevent, curb and avoid conditions that may result in fires. An integrated fire prevention plan should be drafted before drilling.



5.2.2.3. Generation of Waste

Solid waste be generated from contractors, staff members and other visitors to the area. Care should be taken when handling waste material.

The types of waste that could be generated during operation include hazardous industrial waste (e.g. lubricants), general industrial waste (e.g. scrap material), and domestic waste (e.g. packaging). The waste will be temporarily handled and stored on site before being removed for final disposal at permitted waste disposal facilities. A registered Waste Management Company would be contracted to remove all hazardous waste from the exploration site. Ablution facilities will use chemical toilets and/or sealed septic tanks and the sewerage taken to the Khorixas periodically. No waste will be discharged on site.

5.2.2.4. Health and Safety

The drilling programme operations can cause serious health and safety risks to workers on site. Occupational exposures are normally related to the dermal contact with fuels and inhalation of fuel vapours during handling of such products. For this reason, adequate measures must be brought in place to ensure safety of staff on site, and includes:

- Proper training of operators;
- First aid treatment;
- Medical assistance;
- Emergency treatment;
- Prevention of inhalation of fumes;
- Protective clothing, footwear, gloves and belts; safety goggles and shields;
- Manuals and training regarding the correct handling of materials and packages should be in place and updated as new or updated material safety data sheets becomes available;
- And Monitoring should be carried out on a regular basis, including accident reports.

5.2.2.5. Fauna

Mineral exploration activities may have minor disturbances on the habitat of a few



species but no significant impacts on the animals are expected. The proponent shall ensure that no animal shall be captured, killed or harmed by any of the employees in any way. Wildlife poaching will strongly be avoided as this is an offence and anyone caught infringing in this regard will face suspension from the project and will be liable for prosecution.

5.2.2.6. Vegetation

The natural vegetation is seemingly undisturbed in the project area except for grasses, which have been grazed by livestock and wild animals. Some vegetation species in the area may be adversely impacted by the project. The type of vegetation that might be affected by the project are:

- Bushes
- Ephemeral grasses
- Small trees

Some of the sensitive vegetation types in the area include:

- Shallow drainage line vegetation
- Scrublands surrounding the mineral exploration area

Certain species regarded as particularly important for conservation may yet be identified and made known via an Addendum to this report. If particularly important species are found, they will be located by GPS and their locations communicated to the Ministry of Environment and Tourism. Such locations will then be demarcated and completely avoided.

5.2.2.7. Avifauna

Birds or Nest sites will not be disturbed by any employee, tourist or contractor. Should the employees observe any bird nesting sites for vultures, they will be reported to the Ministry of Environment and Tourism and the site will be avoided.

5.2.2.8. Alien Invasive Plants

Disturbance to the natural environment often encourages the establishment of alien



invasive weed species. Some of the plant species that could become invasive in the area are listed below:

- Prosopis glandulosa
- Lantana camara
- Cyperus esculentus
- Opuntia imbricate
- Cereus jamacara
- Melia azedarach

There are numerous ways in which invasive species can be introduced deliberately or unintentionally.

5.2.2.9 Heritage Impacts

Although no archaeological sites have been identified yet in the project area, appropriate measures will be undertaken upon discovering any new archaeological sites. All archaeological remains are protected under the National Heritage Act (2004) and will not be destroyed, disturbed or removed. The Act also requires that any archaeological finds be reported to the Heritage Council Windhoek.

| Identified | Signif | icance | Duration | Extent | Intensity | Probability |
|-------------------------|--------|--------|----------|--------|-----------|-------------|
| Impact | NMM | MM | | | | |
| Air Quality | М | L | LD | L | М | HP |
| Fire & Explosion Hazard | Н | М | SD | 0 | М | LP |
| Generation of waste | М | L | LD | 0 | L | D |
| Health and Safety | Н | М | MD | Ν | L | Р |
| Fauna | М | L | MD | L | Μ | D |
| Vegetation | М | L | MD | L | М | D |
| Avifauna | Μ | L | MD | L | Μ | LP |
| Alien Invasive Plants | М | L | MD | L | Μ | Р |
| Heritage | M | L | LD | 0 | Н | LP |

Table 10 Impact evaluation for the operational phase of the project

5.2.2.10 Groundwater Impacts

Mineral exploration activities may affect the availability of water and the quality thereof. exploration works may affect the water availability for deep rooted trees in riverbeds. Surface water for animals may be affected by mineral exploration activities. In rare



instances, the quality of the groundwater for water consumption may be compromised by mineral exploration activities.



6. Environmental Management Plan

6.1 Overview

This Environmental Management Plan is intended to give effect to the recommendations of the Environmental Impact Assessment. To achieve this goal, it is essential that all personnel involved on the mineral exploration are fully aware of the environmental issues and the means to avoid or minimize the potential impacts of activities on site. The proposed mineral exploration activities are summarized in Section 3 of the scoping report above. Legal and policy requirements are well known and understood by the proponent, its employees and contractors and will be strictly enforced by its management team. A general description of the environment is contained in Section 4, and more site-specific information on particularly sensitive areas is contained in Section 4 as well. Issues and concerns identified in the EIA will form a set of environmental specifications that will be implemented on site. It is the intention that these environmental specifications should form the basis for an agreement between the proponent and the Ministry of Environment and Tourism. By virtue of that agreement, these specifications will become binding on the proponent.

Environmental management requires a joint effort on the part of all parties involved. The proponent has assigned certain roles to ensure that all players fulfil their responsibilities in this regard.

6.2 Environmental Management Principles

The proponent will ensure that all parties involved in the project uphold the following broad aims:

- All persons will be required to conduct all their activities in a manner that is environmentally and socially responsible. This includes all consultants, contractors, and sub-contractors, transport drivers, guests and anyone entering the exploration areas in connection with the mineral exploration project.
- 2. Health, Safety and Social Well Being
- Safeguard the health and safety of project personnel and the public against potential impacts of the project. This includes issues of road safety, precautions against natural dangers on site, and radiation hazards; and,



- Promote good relationships with the local authorities and their staff.
- 3. Biophysical Environment
- Wise use and conservation of environmental resources, giving due consideration to the use of resources by present and future generations.
- Prevent or minimise environmental impacts.
- Prevent air, water, and soil pollution, Biodiversity conservation and Due respect for the purpose and sanctity of the area.

To achieve these aims, the following principles need to be upheld.

A. Commitment and Accountability:

The proponent's senior executives and line managers will be held responsible and accountable for:

Health and safety of site personnel while on duty, including while travelling to and from site in company vehicles and environmental impacts caused by mineral exploration activities or by personnel engaged in the mineral exploration activities, including any recreational activities carried out by personnel in the area.

B. Competence

The proponent will ensure a competent work force through appropriate selection, training, and awareness in all safety, health and environmental matters.

C. Risk Assessment, Prevention and Control

Identify, assess and prioritise potential environmental risks. Prevent or minimize priority risks through careful planning and design, allocation of financial resources, management and workplace procedures. Intervene promptly in the event of adverse impacts arising.

D. Performance and Evaluation





Set appropriate objectives and performance indicators. Comply with all laws, regulations, policies and the environmental specifications. Implement regular monitoring and reporting of compliance with these requirements.

E. Stakeholder Consultation

Create and maintain opportunities for constructive consultations with employees, authorities, other interested or affected parties. Seek to achieve open exchange of information and mutual understanding in matters of common concern.

F. Continual Improvement

Through continual evaluation, feedbacks, and innovation, seek to improve performance about social health and well-being and environmental management throughout the lifespan of the mineral exploration project.

G. Financial Provisions for Mineral exploration

In line with Namibia's environmental rehabilitation policy, the proponent will make the necessary financial provision for compliance with the EMP.

6.3 Impacts on the Bio-physical Environment

6.3.1 Impacts on Archaeological Sites

The **nature of impact** is outlined below:

- Potential damage to archaeological sites as a result of vehicle tracks, footprints and actions of contractors, employees and visitors of the mineral exploration site.
- As the mitigation measures below are fully enforced, any impact will be significantly reduced compared to with present situation.

Mitigation Measures to be enforced:

- Buffer zones will be created around the sites.
- Adhere to practical guidelines provided by an archaeologist to reduce the archaeological impact of mineral exploration activities.



- All archaeological sites to be identified and protected before further exploration commences.
- Notices/information boards will be placed on sites.
- Training employees regarding the protection of these sites.

Methods for monitoring:

• An archaeologist will inspect any identified archaeological sites before commencing with the mineral exploration activities.

6.3.2 Impacts on Fauna

The **nature of impact** is outlined below:

- Movement of vehicles in and out of the site.
- Noise produced by moving earth-moving equipment.

Mitigation Measures to be enforced:

- Some habitat areas such as trees of the riverbeds and tunnels outcrops will be avoided wherever possible.
- A fauna survey will be conducted to determine the effect of fragmented habitat on game species should the need arise.
- No animals shall be killed, captured or harmed in any way.
- No foodstuff will be left lying around as these will attract animals which might result in human-animal conflict.
- Care will be taken to ensure that no litter is lying around as these may end up being ingested by wild animals
- No animals shall be fed. This allows animals to lose their natural fear of humans, which may result in dangerous encounters.

Methods for monitoring:

• Regular monitoring of any unusual signs of animal habitat.

6.3.3 Impacts on Avifauna

Birds or Nest sites will not be disturbed by any employee, visitor or contractor.

6.3.4 Impact on Vegetation

The nature of impact is outlined below:

- Negative impacts on plants from trenching, compacting and removal of plants.
- Negative Impact from movement of vehicles and the movement of people around the site.
- Negative impacts from land-clearing and mineral exploration operations.

Mitigation Measures to be enforced:

- Environmental considerations will always be adhered to before clearing roads, trenching and excavating.
- Paths and roads will be aligned to avoid root zones. Permeable materials will be used wherever possible.
- The movement of vehicles in riverbeds, rocky outcrops and vegetation sensitive areas will be avoided.
- The movement of vehicles will be restricted to certain tracks only.
- Areas with species of concern will be avoided.
- Ministry of Environment and Tourism will be informed of any protected species which will be transplanted in consultation with MET.

6.3.5 Impacts of Alien invasive Plants

The **nature of impact** is outlined below:

- Plant or seed material may adhere to car tyres or animals
- Seed or plant material may be imported to site in building materials if the source is contaminated.
- Seeds may blow from debris removed at sites.



Mitigation Measures to be enforced:

- The explorer will ensure that debris is properly disposed of.
- Vehicle tyre inspections can be carried out although this may not be a practical mitigation measure.
- Eradicating alien plants by using an Area Management Plan

Methods for monitoring:

• Regular monitoring of any unusual signs of alien species.

6.3.6 Impacts on Socio-Economic

The nature of impact is outlined below:

- Impact from loss of grazing for domestic livestock in "exclusive use zone"
- Impacts on cultural and spiritual values.
- Demographic factors: Attraction of additional population that cannot benefit from the project.
- Perception of Health and Safety risks associated with mineral exploration.

Mitigation Measures to be enforced:

- The population change can be mitigated by employing people from the local community and encouraging the contractors to employ local individuals.
- The perception of risks will be mitigated by putting up safety signs wherever possible and ensuring that all employees and visitors to the site undergo a safety induction course.

Methods for monitoring:

• Public meetings will be held by the proponent whenever necessary.

6.3.7 Visual Impacts

The nature of impact is outlined below:

• Tracks and damaged vegetation caused by the mineral exploration vehicles.

Mitigation Measures to be enforced:

• Environmental considerations will be adhered to at all times before clearing roads, trenching and excavating.

Methods for monitoring:

• Employees will be trained on the importance of minimising visual impacts.

6.3.8 Use of Natural Resources

Water and electricity are very scarce in Namibia. During the exploration, best international practices will be considered as a minimum standard for operation. The bulk of the power supply to the exploration site will be sourced from the proponent's own generator. The proponent will maximise water recycling opportunities wherever possible.

6.3.9 Generation of Solid Waste

Correct management of solid waste will involve a commitment to the full waste life cycle by all the employees and contractors of the site. The Proponent's goal is to avoid the generation of solid waste in the first place and if not possible, to minimise the volumes generated by looking at technologies that promote longevity and recycling of products. Ideally, the proponent should transport solid waste to a registered site for disposal. However, it is not certain if such facilities are available in the area or if they have the capacity to handle large increases in volume. Appropriate on-site facilities will be designed to store large volumes of waste.

6.3.10 Noise

The **nature of impact** is outlined below:

- Movement of people, and vehicles.
- Noise may be generated from an airborne geophysical survey which may be carried out at a later stage.

Mitigation Measures to be enforced:



• Disturbance to fauna that roam the area will be minimized by training the employees on ways to minimise noise.

6.3.11 Air Quality

The **nature of impact** is outlined below:

• Dust from movement of people, vehicles and earth-moving machinery. Emissions from vehicles and drill rigs as well.

Mitigation Measures to be enforced:

- All staff on should be equipped with dosimeters that measure exposure levels to radiation.
- All staff must be made aware of the health risk and obliged to wear dust masks.

6.4 Summary of Environmental Management Plan during construction, operation and decommissioning phases

| | Construction/Initial Phase | | |
|-------------------------|--|--|---|
| Environmental Impact | Proposed mitigation measures | Responsibility | Monitoring plan |
| Air pollution | Control speed and operation of construction vehicles. Prohibit idling of vehicles. Maintenance of vehicles and equipment. Sensitize field exploration workers and contractors. Workers should be provided with dust masks if working in sensitive areas. | Contractor Site Manager | Amount of dust produced. Level of Landscaping carried out. |
| Noise pollution | Maintain equipment and vehicles. Field work should only be carried out only during daytime i.e. 08h00 to 17h00. Workers should wear earmuffs if working in noisy section. Management to ensure that noise is kept within reasonable levels. | ContractorManagement | Amount of noise |
| Solid waste | Any debris should be collected by a waste collection company If trenches are dug, waste should be re-used or backfilled. The site should have waste receptacles with bulk storage facilities at convenient points to prevent littering during exploration. | Management | Presence of well- Maintained receptacles and central collection point. |



| Oil leaks and spills | Vehicles and equipment should be well maintained to prevent oil leaks. Contractor should have a designated area where maintenance is carried out and that is protected from rainwater. All oil products should be handled carefully. | Contractor | No oil spills and leaks on the site |
|---------------------------------------|--|--------------------------------|---|
| First aid | A well-stocked first aid kit shall be maintained by qualified personnel | Management | Contents of the first aid kit. |
| Visual | Environmental considerations will be adhered to at all times before clearing roads, trenching and excavating. | Management | Employees will be trained on the importance of minimising visual impacts. |
| Archaeological Sites | Buffer zones will be created around the sites. Adhere to practical guidelines provided by an archaeologist to reduce the archaeological impact of mineral exploration activities. All archaeological sites to be identified and protected before further exploration commences. | Management | Register of all archaeological sites identified. |
| Occupation al Health and Safety | Provide Personal Protective Equipment Train workers on personal safety and how to handle equipment and machines. A well-stocked first aid kit shall be maintained by qualified personnel. Report any accidents / incidences and treat and Compensate affected workers. Provide sufficient and suitable sanitary conveniences which should be kept clean. | Contractor Management | Workers using Protective Equipment. Presence of Well stocked First Aid Box. Clean sanitary facilities. |
| Fauna | Some habitat areas such as trees of the riverbeds and tunnels outcrops will be avoided wherever possible. A fauna survey will be conducted to determine the effect of fragmented habitat on game species should the need arise. No animals shall be killed, captured or harmed in any way. No foodstuff will be left lying around as these will attract animals which might result in humananimal conflict. | Management | Regular monitoring of any unusual signs of animal habitat. |
| Alien Invasive Plants | The explorer will ensure that debris is properly disposed off. Vehicle tyre inspections can be carried out although this may not be a practical mitigation measure. Eradicating alien plants by using an Area Management Plan | Contractor | Regular monitoring of any unusual signs of alien species. |
| Loss of vegetation | Environmental considerations will be adhered to at all times before clearing roads, trenching and excavating. Paths and roads will be aligned to avoid root zones. Permeable materials will be used wherever possible. The movement of vehicles in riverbeds, rocky outcrops and vegetation sensitive areas will be avoided. The movement of vehicles will be restricted to certain tracks only. | | Warning signs on site restored vegetation |
| | Operational Phase | 1 | |



| Environmental/ | Proposed mitigation measures | Responsibility | Monitoring plan |
|--------------------------|--|--|---|
| Social Impact | | | |
| Noise pollution | Maintain vehicles and drilling equipment. Exploration drilling should be carried out only during daytime. Workers to wear earmuffs if working in noisy section Management to ensure that noise is kept within reasonable levels. | Contractor Management | Amount of noise |
| Visual | Environmental considerations will be adhered to at all times before clearing roads, trenching and excavating. | Management | • Employees will be trained on the importance of minimising visual impacts. |
| Fauna | Some habitat areas such as trees of the riverbeds and tunnels outcrops will be avoided wherever possible. A fauna survey will be conducted to determine the effect of fragmented habitat on game species should the need arise. No animals shall be killed, captured or harmed in any way. No foodstuff will be left lying around as these will attract animals which might result in humananimal conflict. | Management | Regular monitoring of any unusual signs of animal habitat. |
| Alien Invasive Plants | The explorer will ensure that debris is properly disposed of. Vehicle tyre inspections can be carried out although this may not be a practical mitigation measure. Eradicating alien plants by using an Area Management Plan | Management Contractor | Regular monitoring of any unusual signs of alien species. |
| Loss of vegetation | Environmental considerations will be adhered to at all times before clearing roads, trenching and excavating. Paths and roads will be aligned to avoid root zones. Permeable materials will be used wherever possible. The movement of vehicles in riverbeds, rocky outcrops and vegetation sensitive areas will be avoided. The movement of vehicles will be restricted to certain tracks only. | | Warning signs on site restored vegetation |
| Solid waste | Minimize solid waste generated on site. Recycle waste especially waste from trenching. Debris should be collected by waste collection company. Excavation waste should be re-used or backfilled. | Contractor Management | Amount of waste on Site Presence of well- Maintained receptacles and central collection point. |
| Oil leaks and spills | Machinery should be well maintained to prevent oil leaks. Contractor should have a designated area where maintenance is carried out and that is protected from rainwater. All oil products should be stored in a site store and handled carefully. | Contractor | • No oil spills and leaks on the site. |



| Archaeological Sites | Buffer zones will be created around the sites. Adhere to practical guidelines provided by an archaeologist to reduce the archaeological impact of mineral exploration activities. All archaeological sites to be identified and protected before further exploration commences. | Management | Register of all archaeologic al sites identified. |
|--------------------------------------|--|---------------------------|---|
| First aid | A well-stocked first aid kit shall be maintained by qualified personnel | | the first aid kit. |
| Fire preparedness | Firefighting drills carried out regularly. Firefighting emergency response plan. Ensure all firefighting equipment are regularly maintained, serviced and inspected. Fire hazard signs and directions to emergency exit, route to follow and assembly point in case of any fire incidence. | | Number of fire drills carried. Proof of inspection on firefighting equipment. Fire Signs put up in strategic places. Availability of firefighting equipment. |
| Environment Health and Safety | Train workers on personal safety and disaster preparedness. A well-stocked first aid kit shall be maintained by qualified personnel. Report any accidents / incidences and treat and compensate affected workers. Provide sufficient and suitable sanitary conveniences which should be kept clean. Conduct Annual Health and Safety Audits. | Management | |
| | Decommissioning Phase | | |
| Environmental/ Social Impact | Proposed mitigation measures | Responsibility | Monitoring plan/indicator |
| Noise & Air pollution | Maintain plant equipment. Decommissioning works to be carried out only during daytime. Workers working in noisy section to wear earmuffs. Workers should be provided with dust masks. | Contractor Management | Amount of noise |
| Disturbed Physical environment | Undertake a complete environmental restoration programme and introducing appropriate vegetation | Management | |
| Solid waste | Solid waste should be collected by a contracted waste collection company Excavation waste should be re-used or backfilled. | Contractor Management | Amount of waste on Site. Presence of well- maintained receptacles and central collection point. |



| Occupational Health and Safety | Provide Personal Protective Equipment. Train workers on personal safety and how to handle equipment and machines. A well-stocked first aid kit shall be maintained by qualified personnel. Demarcate area under decommissioning. | | Workers using Protective Equipment. Presence of a First Aid Box. |
|--------------------------------------|---|--|---|
|--------------------------------------|---|--|---|

6.5 Monitoring, Auditing and Reporting

6.5.1 Inspections and Audits

During the life of the project, performance against the EMP commitments will need to be monitored, and corrective action taken where necessary, in order to ensure compliance with the EMP and relevant enviro-legal requirements.

6.5.1.1 Internal Inspections/Audits

The following internal compliance monitoring programme will be implemented:

- 1. Project kick-off and close-out audits will be conducted on all contractors. This applies to all phases, including drilling contract work during operations:
 - Prior to a contractor beginning work, an audit will be conducted by the applicable phase site manager to ensure that the EMP commitments are included in Contractors' standard operating procedures (SOPs) and method statements.
 - Following completion of a Contractors work, a final close-out audit of the contractor's performance against the EMP commitments will be conducted by the applicable phase site manager.
- 2. Monthly internal EMP performance audits will be conducted during the construction/initial and decommissioning phases.
- 3. Ad hoc internal inspections can be implemented by the applicable phase exploration manager at his/her discretion, or in follow-up to recommendations from previous inspection/audit findings.

6.5.1.2 External Audits

• At the close of each project phase, and annually during the operational phase, an independently conducted audit of EMP performance will be conducted.



- Specialist monitoring/auditing may be required where specialist expertise are required or in order to respond to grievances or authorities directives.
- Officials from the DEA may at any time conduct a compliance and/or performance inspection of mineral exploration operations. The proponent will be provided with a written report of the findings of the inspection. These audits assist with the continual improvement of the exploration project and the proponent will use such feedback to help improve its overall operations.

6.5.1.3 Documentation

Records of all inspections/audits and monitoring reports will be kept in line with legislation. Actions will be issued on inspection/audit findings. These will be tracked and closed out.

6.5.1.4 Reporting

Environmental compliance reports will be submitted to the Ministry of Environment and Tourism on a bi-annual basis.

6.5.2 Environmental Management System Framework

In order implement Environmental Management Practices, an Environmental Management System (EMS) will be established and implemented by the proponent and their Contractors. This subchapter establishes the framework for the compilation of a project EMS. The applicable exploration manager will maintain a paper based and/or electronic system of all environmental management documentation. These will be divided into the following main categories:

6.5.2.1 Policy and Performance Standards

A draft environmental policy and associated objective, goals and commitments has been included in the EMP. The mineral explorer may adapt these as necessary.

6.5.2.2 Enviro-Legal Documentation

A copy of the approved environmental assessment and EMP documentation will always be available by the proponent. Copies of the Environment Clearance Certificate and all other associated authorisations and permits will also be kept with



the exploration team. In addition, a register of the legislation and regulations applicable to the project will be maintained and updated as necessary.

6.5.2.3 Impact Aspect Register

A register of all project aspects that could impact the environment, including an assessment of these impacts and relevant management measures, is to be maintained. This Draft EMP identifies the foreseeable project aspects and related potential impacts of the proposed project, and as such forms the basis for the Aspect-Impact Register; with the Project Activity. It is however noted that during the life of the project additional project aspects and related impacts may arise which would need to be captured in the Aspect-Impact Register. In this regard, the impact identification principles set forth in the scoping report can be used to update the Register. This method can be modified as required by the applicable exploration manager as necessary during the life of the project.

6.5.2.3 Procedures and Method Statements

In order to affect the commitments contained in this EMP, procedures and method statements will be drafted by the relevant responsible mineral exploration staff and Contractors. These include, but may not be limited:

- Standard operating procedures for environmental action plan and management programme execution.
- Incident and emergency response procedures.
- Auditing, monitoring and reporting procedures, and
- Method statements for EMP compliance for ad hoc activities not directly addressed in the EMP action plans.

All procedures are to be version controlled and signed off by the applicable exploration manager. In addition, knowledge of procedures by relevant staff responsible for the execution thereof must be demonstrable and training records maintained.

6.5.2.4 Register of Roles and Responsibilities

During project planning and risk assessments, relevant roles and responsibilities will be determined. These must be documented in a register of all environmental



commitment roles and responsibilities. The register is to include relevant contact details and must be updated as required.

6.5.2.5 Site Map

An up to date map of the exploration site indicating all project activities is to be maintained. In addition to the project layout, the following detail must be depicted:

- Materials handling and storage;
- Waste management areas (collection, storage, transfer, etc.);
- Sensitive areas;
- Incident and emergency equipment locations; and Location of responsible parties.

6.5.2.6 Environmental Management Schedule

A schedule of environmental management actions is to be maintained by the applicable phase site managers and/or relevant Contractors. A master schedule of all such activities is to be kept up to date by the exploration manager. Scheduled environmental actions can include, but are not limited to:

- Environmental risk assessment;
- Environmental management meetings;
- Soil handling, management and rehabilitation;
- Waste collection
- Incident and emergency response equipment evaluations and maintenance
- Environmental training;
- Stakeholder engagement; Environmental inspections; and
- Auditing, monitoring and reporting.



6.5.2.7 Change Management

The EMS must have a procedure in place for change management. In this regard, updating and revision of environmental documentation, of procedures and method statements, actions plants etc. will be conducted as necessary in order to account for the following scenarios:

- Changes to standard operating procedures (SOPs);
- Changes in scope;
- Ad hoc actions;
- Changes in project phase; and
- Changes in responsibilities or roles

All documentation will be version controlled and require sign off by the applicable phase site managers.

6.6 Closure Plan

The closure vision for the proposed project is to establish a safe, stable and nonpolluting post-prospecting landscape that can facilitate integrated, self-sustaining and value generating opportunities, thereby leave a lasting positive legacy. The aim of the closure plan is to:

- Creating a safe, physically stable rehabilitated landscape that limits long-term erosion potential and environmental degradation.
- Sustaining long term catchment yield and water quality.
- Focusing on establishing a functional post-prospecting landscape that enables self-sustaining agricultural practices where possible.
- To encourage, where appropriate, the re-instatement of terrestrial and aquatic wetland biodiversity

6.6.1 Alternatives Considered

Considering that this is an exploration project, the proposed project is not complex, and the risks associated with prospecting are understood and can be mitigated at



closure. Alternative options for closure are limited. There are only two options that have been considered as activity alternatives for the closure plan:

- **Preferred Alternative:** Closure or Backfill of boreholes with overburden removed during drilling.
- Alternative 2: To Leave boreholes open, in-order to allow for groundwater recharge by surface run-off.

6.6.2 Preferred Alternative: Rehabilitation/ Backfill of boreholes

Rehabilitation is the restoration of a disturbed area that has been degraded as a result of activities such as mining, road construction or waste disposal, to a land use in conformity with the original land use before the activity started. This also includes aesthetical considerations, so that a disturbed area will not be visibly different to the natural environment. This also involves maintaining physical, chemical and biological ecosystem processes in degraded environments, hence the preferred option of backfilling the boreholes with the overburden removed during development and cover with growth medium to establish vegetation. This option has several advantages as discussed below:

Advantages:

- The site will be aesthetically acceptable;
- The site will blend in with the environment;
- The site will be a suitable habitat for fauna and flora again.
- The site will be safe and pollution free;
- Revegetating the site will ensure that the site in non-erodible.

Opting for alternative 1, which is to leave boreholes without backfilling poses a risk in that, these boreholes may fill in with water, which may become attractive to wildlife and communities leading to drowning and the risk of being trapped in the declines. To mitigate these risks, it is necessary to backfill. Treatment technologies should be used to prevent decanting.



6.6.3 Closure Assumptions

This closure plan has been developed based on limited available information including environmental data. Some of the information currently available may need to be supplemented during the operational period. Therefore, several assumptions were made about general conditions, and closure and rehabilitation of the facilities at the site to develop the proposed closure actions. As additional information is collected during operations, these assumptions will be reviewed and revised as appropriate.

The assumptions used to prepare this plan include the following:

- The closure period will commence once the last planned weight of minerals has been extracted from the site for laboratory testing.
- The proposed prospecting sites will be adhered to minimise the potential impacts.
- Vegetation establishment will be in line with a project area's indigenous vegetation.
- Water management infrastructure developed for the operational phase will be retained for closure /end of the life of the project as necessary.
- There are limited opportunities for any infrastructure to be built on site and if any infrastructure is built, it will be of limited benefit to the community. Therefore, all buildings will be demolished.
- All hazardous and domestic waste will be transported offsite for disposal in licensed landfills.
- No roads are anticipated to be constructed to access the site; existing roads will be used as far as possible. Where access tracks have been developed in cases where there are no roads, these will be rehabilitated and closed as part of normal closure actions.

6.6.4 Closure and Rehabilitation Activities

The rehabilitation actions intended to be undertaken at the end of the life of the proposed prospecting activities are described below.



6.6.4.1 Infrastructure

All infrastructures will be decommissioned, and the footprints rehabilitated for the establishment of vegetation. Material inventories will be managed near the end of prospecting activities to minimize any surplus materials at closure. Where practicable, equipment and materials with value not needed for post-closure operations will be sold and or removed from the site. Equipment with scrap or salvage value will be removed from the site and sold to recyclers.

A soil contamination investigation will be conducted on completion of demolition activities. The purpose of this is to identify areas of possible contamination and design and implement appropriate remedial measures to ensure that the soil contaminants are removed. Closure actions will include:

- All power and water services to be disconnected and certified as safe prior to commencement of any decommissioning works;
- All remaining inert equipment and decommissioning waste will be disposed to the nearest licensed general waste disposal facility;
- Salvageable equipment will be removed and transported offsite prior and during decommissioning;
- All tanks, pipes and sumps containing hydrocarbons to be flushed or emptied prior to removal to ensure no hydrocarbon/chemical residue remains;

6.6.4.2 Boreholes

Closure of boreholes will entail backfilling with overburden stripped ahead of prospecting activities. All overburden should be replaced into the void and the final surface reshaped to simulate surrounding topography while ensuring that the surface is free draining.

Once backfilling is complete a growth medium cover will be placed, and vegetation will be established. There may be a requirement to include sacrificial erosion protection measures on the surface while vegetation is being established.



6.6.4.3 Roads

Existing roads will be used as far as possible. Closure actions concerning roads and parking areas will include:

- Removal of all signage, fencing, shade structures, traffic barriers, etc.
- All 'hard top' surfaces to be ripped along with any concrete structures.
- All potentially contaminated soils are to be identified and demarcated for later remediation; and
- All haul routes that have been treated with saline dust suppression water need to be treated, with the upper surface ripped and removed to designated contaminant disposal areas.

6.6.4.4 Remediation of Contaminated Areas

All soil, contaminated with hydrocarbons, will be identified, excavated, if possible, to at least 200 mm below the contaminated zone and then treated.

- All tanks, pipes and sumps containing hydrocarbons will be flushed or emptied.
- Removed soils will be managed as determined by the nature and extent of the contamination.
- Liquid storage tanks will be emptied, the structure removed/demolished and sub-surface holes filled; and
- All equipment in which chemicals have been stored or transported will be cleaned and disposed of in a suitable disposal facility.

6.6.4.5 Vegetation

Successful revegetation will help control erosion of soil resources, maintain soil productivity and reduce sediment loading in streams utilizing non-invasive plants that fit the criteria of the habitat (e.g. soils, water availability, slope and other appropriate environmental factors). Invasive species will be avoided, and the area will be managed to control the spread of these species.

To counter the effects of erosion, naturally occurring grassland species will be planted on slopes. These species will provide soil holding capacity and reduce runoff velocity.



The flatter areas will be re-vegetated with the objective of creating a sustainable ecosystem. The occurrence of protected plant species will need to be determined before vegetation is removed and the required permits will be obtained for either destruction or relocation.

6.6.4.6 Waste Management

Waste management activities will include:

- Hazardous waste will be managed handled, classified and disposed.
- Non-hazardous will be disposed in the nearby licensed landfill site;
- Scrap and waste steel will be sold to recyclers.
- It may be necessary to fence temporary salvage yards for security reasons, particularly where these are located close to public roads.



7. Public Participation Process

The public participation process commenced with newspaper advertisements in two widely distributed newspapers for two consecutive weeks as shown in Appendix B.

Known interested and affected parties were notified directly via mail and fax.

The registered interested and affected are indicated in the table below:

| Name | Position | | Organization |
|--------------------|--------------------|-------|--------------------------|
| Teofillus Nghitila | Executive Director | | Ministry of Environment, |
| | | | Forestry and Tourism |
| Timoteus Mufeti | Environmental | | Ministry of Environment, |
| | Commissioner | | Forestry and Tourism |
| Maria Amakali | Director, V | Vater | Ministry of Agriculture, |
| | Resources Managem | ent | Water and Land Reform |
| E. Shivolo | Mining Commissione | ~ | Ministry of Mine and |
| | | | Energy |

Identified IAP's and Summary of Issues Raised

| Farm Name | Farm No. | Postal Addresses | Questions/Comments | Responses |
|--------------|----------|------------------|--------------------|-----------|
| WELTEVREDE | 398 | GOV OF NAMIBIA | | |
| NOOITGEDACHT | 399 | GOV OF NAMIBIA | | |

Table 12 Comments from registered interested and affected parties.

| Name | Organisation | Contact | Email | Questions/Comments | Responses |
|---------------------|--|---------|--------------------------|---|---|
| Nelimona lipinge | Namibian Environment and Wildlife Society | | ndeliimonachox@gmail.com | Please would you also forward me the Background Information Document (BID) and the map (kmz file) or edge coordinates of the area under exploration? | Good Day, thank you. Attached, please receive the requested document and kml file. |
| | | | | · | |



8. Conclusion

The scoping report is prepared for the Environmental Impact Assessment for mineral exploration on an area which is located 32 km southeast of Khorixas, accessible from the C36 road. Environmental scoping is a critical step in the preparation of an EIA for the proposed mineral exploration activities.

Basically, mineral exploration is relatively unsophisticated and rudimentary. The methods that will be employed are mainly target generation, target drilling, resource evaluation and mineral resource definition.

With the potential employment of 15 people, this means that 15 families will benefit from the project during the exploration phase. The project has great potential to improve livelihoods and contribute to sustainable development within the surrounding community.

At this stage, electricity requirements for the project are minimal. The bulk of the power supply to the exploration site will be sourced from the proponent's own generator.

The potential negative impacts associated with the proposed mineral exploration project are expected to be low to medium in significance. Provided that the relevant mitigation measures are successfully implemented by the proponent, there are no environmental reasons why the proposed project should not be approved. The project will have significant positive economic impacts that would benefit the local, regional and national economy of Namibia.

Several other potential impacts have been addressed in Section 5 and 6 of this EIA, and will be managed through the implementation of the EMP.

The EMP contains a set of Environmental Specifications that will form part of all contracts between the proponent and contractors such as lubrication companies. The requirements of the EMP will be enforced on site by the Management team, and periodic environmental audits will be undertaken and submitted to MET.

This EIA has been subject to a few limitations, which are explained as follows: -

• the time available in which to secure an environmental contract with the authorities; and,



The limited botanical work done to date did not raise any concerns but will be monitored on an on-going basis. If any "special" species of plants are found, these will be located by GPS. An addendum will then be added to the EMP to indicate localities that should be avoided, or to implement other appropriate measures about any special plants.



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Appendix A

| SCIENTIFIC NAME | COMMON NAME | STATUS | OCCURRENCE |
|---------------------------|-----------------------------------|-------------------|--------------|
| Eidolon helvum | STRAW-COLORED FRUIT BAT | SECURE | SEASONAL |
| Nycteris thebaica | COMMON SLIT-FACED BAT | SECURE | ABUNDANTLY |
| Taphozous mauritianus | TOMB BAT | SECURE | SEASONAL |
| Rhinolophus fumigatus | RÜPPELL'S HORSESHOE BAT | SECURE | OCCASIONALLY |
| Rhinolophus darlingi | DARLING'S HORSESHOE BAT | SECURE | OCCASIONALLY |
| Rhinolophus denti | DENT'S HORSESHOE BAT | SECURE | OCCASIONALLY |
| Hipposideros commersoni | COMMERSON' S LEAF-NOSED BAT | SECURE | ABUNDANTLY |
| Hipposideros caffer | SUNDEVALL' S LEAF-NOSED BAT | SECURE | ABUNDANTLY |
| Chaerephon nigeriae | NIGERIAN FREE-TAILED BAT | SECURE | ABUNDANTLY |
| Mops midas | MIDAS FREE-TAILED BAT | SECURE | ABUNDANTLY |
| Tadarida aegyptiaca | EGYPTIAN FREE-TAILED BAT | SECURE | ABUNDANTLY |
| Miniopterus inflatus | GREATER LONG-FINGERED BAT | SECURE | RARELY |
| Miniopterus schreibersi | SCHREIBERS' LONG- FINGERED BAT | SECURE | ABUNDANTLY |
| Neoromicia capensis | CAPE SEROTINE BAT | SECURE | ABUNDANTLY |
| Neoromicia zuluensis | ALOE SEROTINE BAT | SECURE | RARELY |
| Nycticeinops schlieffenii | SCHLIEFFEN' S BAT | SECURE | RARELY |
| Scotophilus dingani | AFRICAN YELLOW BAT | SECURE | ABUNDANTLY |
| Atelerix frontalis | SOUTHERN AFRICAN | UNKNOWN, | |
| | HEDGEHOG | RARE? | RARELY |
| Crocidura fuscomurina | TINY MUSK SHREW | SECURE | RARELY |
| Crocidura hirta | LESSER RED MUSK SHREW | SECURE | ABUNDANTLY |
| Galago moholi | SOUTHERN AFRICAN BUSHBABY | UNKNOWN, RARE? | ABUNDANTLY |
| Papio ursinus | CHACMA BABOON | SECURE | ABUNDANTLY |
| | | | |
| Lepus victoriae | | SECURE | ABUNDANTLY |
| Xerus inaurus | CAPE GROUND SQUIRREL | SECURE | ABUNDANTLY |
| Funisciurus congicus | STRIPED TREE SQUIRREL | SECURE | RARELY |
| Saccostomus campestris | POUCHED MOUSE | SECURE | ABUNDANTLY |
| Tatera leucogaster | BUSHVELD GERBIL | SECURE | ABUNDANTLY |
| Tatera brantsii | HIGHVELD GERBIL | SECURE | ABUNDANTLY |
| Desmodillus auricularis | SHORT-TAILED GERBIL | SECURE | RARELY |
| Gerbillurus paeba | PYGMY GERBIL | SECURE | ABUNDANTLY |
| Steatomys pratensis | FAT MOUSE | SECURE | ABUNDANTLY |
| Malacothrix typica | LARGE-EARED MOUSE | SECURE | RARELY |
| Mus indutus | KALAHARI PYGMY MOUSE | SECURE | ABUNDANTLY |
| Lemniscomys rosalia | SINGLE-STRIPED MOUSE | SECURE | RARELY |
| Rhabdomys pumilio | STRIPED MOUSE | SECURE | ABUNDANTLY |
| Thallomys paedulcus | TREE RAT | SECURE | ABUNDANTLY |
| Thallomys nigricauda | BLACK-TAILED TREE RAT | SECURE | ABUNDANTLY |
| Aethomys namaquensis | NAMAQUA ROCK RAT | SECURE | RARELY |
| Aethomys chrysophilus | RED VELD RAT | SECURE | ABUNDANTLY |
| Zelotomys woosnami | WOOSNAM'S DESERT RAT | RARE | RARELY |
| Mastomys natalensis | NATAL MULTIMAMMATE MOUSE | SECURE | ABUNDANTLY |
| Mastomys coucha | MULTIMAMMATE MOUSE | SECURE | ABUNDANTLY |
| Graphiurus murinus | WOODLAND DORMOUSE | SECURE | ABUNDANTLY |
| Pedetes capensis | SPRINGHARE | SECURE | ABUNDANTLY |
| Hystrix africaeaustralis | SOUTHERN AFRICAN PORCUPINE | SECURE | ABUNDANTLY |
| Cryptomys damarensis | DAMARA MOLE RAT | SECURE | ABUNDANTLY |
| | | ENDANGERED & | |
| Felis lybica | AFRICAN WILD CAT | SUPERFICIAL | RARELY |



| Felis nigripes | SMALL - SPOTTED CAT | INDETERMINATE; PERIPHERAL; | |
|--------------------------|------------------------|---|--------------|
| Leptailurus serval | SERVAL | AMBIGUOUS & | RARELY |
| • | | SUPERFICIAL | RARELY |
| Caracal caracal | CARACAL | SECURE | ABUNDANTLY |
| Panthera pardus | LEOPARD | SECURE? & SUPERFICIAL | RARELY |
| Panthera leo | LION | AMBIGUOUS(END ANGERED) & SUPERFICIAL | EXTINCT |
| Acinonyx jubatus | СНЕЕТАН | INADEQUATELY KNOWN (ENDANGERED?) & SUPERFICIAL | ABUNDANTLY |
| Civettictis civetta | CIVET | AMBIGUOUS, RARE? & SUPERFICIAL | RARELY |
| Genetta maculata | SMALL-SPOTTED GENET | SECURE – SP (taxonomy) | ABUNDANTLY |
| Galarella sanguineus | SLENDER MONGOOSE | SECURE | ABUNDANTLY |
| Helogale parvula | DWARF MONGOOSE | SECURE | ABUNDANTLY |
| Mungos mungo | BANDED MONGOOSE | SECURE | ABUNDANTLY |
| Cynictis penicillata | YELLOW MONGOOSE | SECURE | ABUNDANTLY |
| Crocuta crocuta | SPOTTED HYAENA | SECURE? & SUPERFICIAL | EXTINCT |
| Parahyaena brunnea | BROWN HYAENA | INADEQUATELY KNOWN (ENDANGERED?) & SUPERFICIAL | OCCASIONALLY |
| Proteles cristatus | AARDWOLF | INADEQUATELY KNOWN (ENDANGERED?) & SUPERFICIAL | ABUNDANTLY |
| Canis mesomelas | BLACK-BACKED JACKAL | SECURE | ABUNDANTLY |
| Lycaon pictus | WILD DOG | ENDANGERED & SUPERFICIAL | EXTINCT |
| Otocyon megalotis | BAT-EARED FOX | ENDANGERED? & SUPERFICIAL- SP (taxonomy) | RARELY |
| Vulpes chama | CAPE FOX | ENDANGERED? | RARELY |
| Ictonyx striatus | STRIPED POLECAT | SECURE | ABUNDANTLY |
| Mellivora capensis | HONEY BADGER | SECURE | RARELY |
| Poecilogale albinucha | AFRICAN STRIPED WEASEL | AMBIGUOUS(RAR E?) | RARELY |
| Manis temminckii | SAVANNA PANGOLIN | ENDANGERED & SUPERFICIAL | RARELY |
| Phacochoerus africanus | SOUTHERN WARTHOG | SECURE | ABUNDANTLY |
| Giraffa camelopardalis | GIRAFFE | ENDANGERED? & SUPERFICIAL | EXTINCT |
| Alcelaphus buselaphus | RED HARTEBEEST | SECURE ? | ABUNDANTLY |
| Antidorcas marsupialis | SPRINGBOK | SECURE | |
| Connochaetes taurinus | BLUE WILDEBEEST | INADEQUATELY KNOWN (ENDANGERED?) & SUPERFICIAL | ABUNDANTLY |
| Hippotragus equinus | ROAN | ENDANGERED & SUPERFICIAL | ABUNDANTLY |
| Madoqua damarensis | DAMARA DIK-DIK | INADEQUATELY KNOWN | RARELY |
| Oryx gazella | GEMSBOK | SECURE | ABUNDANTLY |
| Raphicerus campestris | STEENBOK | SECURE | ABUNDANTLY |
| Sylvicapra grimmia | COMMON DUIKER | SECURE | ABUNDANTLY |
| Syncerus caffer | BUFFALO | INSUFFFICIENTLY KNOWN & SUPERFICIAL | ABUNDANTLY |
| Tragelaphus oryx | ELAND | INADEQUATELY KNOWN & SUPERFICIAL | ABUNDANTLY |
| Tragelaphus strepsiceros | GREATER KUDU | SECURE | ABUNDANTLY |
| | | | |



| Equus burchelli | PLAINS ZEBRA | INADEQUATELY KNOWN & SUPERFICIAL | EXTINCT |
|---------------------|------------------|---|------------|
| Ceratotherium simum | WHITE RHINOCEROS | EXTINCT & REINTRODUCED (non topotypical stock) | EXTINCT |
| Diceros bicornis | BLACK RHINOCEROS | ENDANGERED & SUPERFICIAL | EXTINCT |
| Loxodonta africana | AFRICAN ELEPHANT | ENDANGERED & SUPERFICIAL | EXTINCT |
| Orycteropus afer | AARDVARK | SECURE ? | ABUNDANTLY |
| Elephantulus intufi | BUSHVELD SENGI | ENDEMIC AND SECURE | ABUNDANTLY |

Reptile species which are likely to occur within the exploration area:

| SCIENTIFIC NAME | COMMON NAME | STATUS | OCCURRENCE |
|----------------------------|---------------------------------------|-----------------------------|------------|
| Pelomedusa subrufa | HELMETED TERRAPIN | SECURE | ABUNDANTLY |
| Geochelone pardalis | LEOPARD TORTOISE | ENDANGERED & SUPERFICIAL | ABUNDANTLY |
| Psammobates oculiferus | KALAHARI TORTOISE | ENDANGERED | ABUNDANTLY |
| Lygodactylus bradfieldi | NAMIBIAN DWARF GECKO | ENDEMIC & SECURE | ABUNDANTLY |
| Colopus wahlbergii | KALAHARI GROUND GECKO | SECURE | RARELY |
| Pachydactylus turneri | TROPICAL BUTTON-SCALE GECKO | SECURE | ABUNDANTLY |
| Pachydactylus capensis | CAPE GECKO | SECURE | UNCOMMONLY |
| Pachydactylus punctatus | SPECKLED GECKO | SECURE | ABUNDANTLY |
| Ptenopus garrulus | COMMON BARKING GECKO | SECURE | ABUNDANTLY |
| Agama aculeata | COMMON GROUND AGAMA | SECURE | ABUNDANTLY |
| Chamaeleo dilepis | FLAP-NECK CHAMELEON | SECURE | ABUNDANTLY |
| Acontias occidentalis | WESTERN LEGLESS SKINK | SECURE | ABUNDANTLY |
| Lygosoma sundevalli | COMMON WRITHING SKINK | SECURE | ABUNDANTLY |
| Trachylepis capensis | CAPE SKINK | SECURE | UNCOMMONLY |
| Trachylepis punctulata | EASTERN VARIEGATED SKINK | SECURE | ABUNDANTLY |
| Trachylepis wahlbergii | WAHLBERG'S STRIPED SKINK | SECURE | ABUNDANTLY |
| Trachylepis varia | COMMON VARIABLE SKINK | SECURE | ABUNDANTLY |
| Heliobolis lugubris | BUSHVELD LIZARD | SECURE | ABUNDANTLY |
| Ichnotropis capensis | CAPE ROUGH-SCALED LIZARD | SECURE | ABUNDANTLY |
| Ichnotropis squamulosa | COMMON ROUGH-SCALED LIZARD | SECURE | ABUNDANTLY |
| Nucras holubi | HOLUB'S SANDVELD LIZARD | SECURE | UNCOMMONLY |
| Nucras intertexta | SPOTTED SANDVELD LIZARD | SECURE | UNCOMMONLY |
| Pedioplanis lineoocellata | OCELLATED SAND LIZARD | SECURE | ABUNDANTLY |
| Pedioplanis namaquensis | NAMAQUA SAND LIZARD | SECURE | ABUNDANTLY |
| Gerrhosaurus auritus | KALAHARI PLATED LIZARD | SECURE | UNCOMMONLY |
| Gerrhosaurus nigrolineatus | BLACK-LINED PLATED LIZARD | SECURE | ABUNDANTLY |
| Varanus albigularis | VELD LEGUAAN (MONITOR) | ENDANGERED & SUPERFICIAL | ABUNDANTLY |
| Dalophia pistillum | BLUNT-TAILED WORM LIZARD | SECURE ? | MARGINALLY |
| Monopeltis anchietae | ANGOLAN SPADE-SNOUTED WORM LIZARD | SECURE | ABUNDANTLY |
| Monopeltis infuscata | DUSKY SPADE-SNOUTED WORM LIZARD | SECURE | ABUNDANTLY |
| Monopeltis leonhardi | KALAHARI SPADE-SNOUTED WORM LIZARD | SECURE | MARGINALLY |
| Monopeltis mauricei | SLENDER SPADE-SNOUTED WORM LIZARD | SECURE | MARGINALLY |
| Zygaspis quadrifrons | KALAHARI ROUND-HEADED WORM LIZARD | SECURE | ABUNDANTLY |
| Leptotyphlops labialis | DAMARA WORM SNAKE | ENDEMIC & SECURE | MARGINALLY |
| Leptotyphlops scutifrons | PETERS= WORM SNAKE | SECURE | ABUNDANTLY |
| Rhinotyphlops schlegelii | SCHLEGEL'S BLIND SNAKE | SECURE | ABUNDANTLY |
| Rhinotyphlops boylei | KALAHARI BLIND SNAKE | SECURE | RARELY |



| Python natalensis | SOUTHERN AFRICAN PYTHON | ENDANGERED & SUPERFICIAL | ABUNDANTLY |
|---|---------------------------------------|------------------------------|------------|
| Amblyodipsas polylepis | COMMON PURPLE-GLOSSED SNAKE | INADEQUETLY KNOWN; RARE? | RARELY |
| Amblyodipsas ventrimaculata | KALAHARI PURPLE-GLOSSED SNAKE | SECURE | MARGINALLY |
| Aparallactus capensis | CAPE CENTIPEDE EATER | INADEQUETLY KNOWN ; RARE? | RARELY |
| Atractaspis bibronii | SOUTHERN STILLETO SNAKE | SECURE | ABUNDANTLY |
| Xenocalamus bicolor | VARIABLE QUILL-SNOUTED SNAKE | SECURE | ABUNDANTLY |
| Xenocalamus mechowii | ELONGATED QUILL-SNOUTED SNAKE | SECURE | MARGINALLY |
| Crotaphopeltis hotamboeia | WHITE-LIPPED SNAKE | INADEQUETLY KNOWN | RARELY |
| Dasypeltis scabra | RHOMBIC EGG EATER | SECURE | ABUNDANTLY |
| Dispholidus typus | BOOMSLANG | SECURE | ABUNDANTLY |
| Lamprophis fuliginosus | BROWN HOUSE SNAKE | SECURE | ABUNDANTLY |
| Lycophidion capense | CAPE WOLF SNAKE | SECURE | ABUNDANTLY |
| Mehelya capensis | CAPE FILE SNAKE | SECURE | UNCOMMONLY |
| Mehelya nyassae | BLACK FILE SNAKE | INADEQUETLY KNOWN | RARELY |
| Mehelya vernayi | ANGOLAN FILE SNAKE | INADEQUETLY KNOWN | UNCOMMONLY |
| Philothamnus angolensis | ANGOLAN GREEN SNAKE | SECURE | UNCOMMONLY |
| Philothamnus semivariegatus | SPOTTED BUSH SNAKE | SECURE | ABUNDANTLY |
| Prosymna angolensis | ANGOLA SHOVEL-SNOUT | SECURE | MARGINALLY |
| Prosymna bivittata | TWIN-STRIPED SHOVELSNOUT | SECURE | MARGINALLY |
| Psammophis angolensis | DWARF WHIP SNAKE | SECURE | ABUNDANTLY |
| Psammophis jallae | JALLA'S SAND SNAKE | INADEQUETLY KNOWN | RARELY |
| Psammophis leopardinus | LEOPARD WHIP SNAKE | ENDEMIC & SECURE | UNCOMMONLY |
| Psammophis mossambicus | OLIVE WHIP SNAKE | SECURE | ABUNDANTLY |
| Psammophis notostictus | KAROO WHIP SNAKE | SECURE | MARGINALLY |
| Psammophis subtaeniatus | WESTERN STRIPED-BELLIED SAND SNAKE | SECURE | ABUNDANTLY |
| Psammophis trigrammus | WESTERN WHIP SNAKE | ENDEMIC & SECURE | ABUNDANTLY |
| Psammophis trinasalis | KALAHARI SAND SNAKE | SECURE | UNCOMMONLY |
| Psammophylax tritaeniatus | STRIPED SKAAPSTEKER | SECURE | ABUNDANTLY |
| Pseudaspis cana | MOLE SNAKE | SECURE | ABUNDANTLY |
| Telescopus semiannulatus | SOUTHERN TIGER SNAKE | SECURE | ABUNDANTLY |
| Thelotornis capensis | VINE SNAKE | SECURE | UNCOMMONLY |
| Aspidelaps lubricus | CORAL SNAKE | SECURE | UNCOMMONLY |
| Aspidelaps scutatus | SHIELD-NOSE SNAKE | SECURE | ABUNDANTLY |
| Dendroaspis polylepis | BLACK MAMBA | SECURE | |
| Elapsoidea semiannulata | ANGOLA GARTER SNAKE | SECURE | ABUNDANTLY |
| Elapsoidea semiannulata Elapsoidea sundevallii | KALAHARI GARTER SNAKE | SECURE | UNCOMMONLY |
| 1 | ANGOLAN COBRA | | |
| Naja anchietae Naja mossambica | MOZAMBIQUE SPITTING | SECURE | ABUNDANTLY |
| Naja nigricincta | COBRA ZEBRA SNAKE | ENDEMIC & SECURE | |
| Bitis caudalis | HORNED ADDER | SECURE | ABUNDANTLY |
| | | | |
| Bitis arietans | PUFF ADDER | SECURE | ABUNDANTLY |

Bird species which are likely to occur within the project area:

| SCIENTIFIC NAME | COMMON NAME | STATUS IN NAMIBIA |
|-------------------------|-----------------------|-------------------|
| Accipiter badius | Little Banded Goshawk | Secure |
| Accipiter ovampensis | Ovambo Sparrowhawk | Secure |
| Actophilornis africanus | African Jacana | Secure |
| Agapornis roseicollis | Rosyfaced Lovebird | Secure |
| Anastomus lamelligerus | Openbilled Stork | Secure |
| Anthus cinnamomeus | Richard's Pipit | Secure |
| Apus affinis | Little Swift | Secure |
| Apus apus | European Swift | Secure |



| | | 1 |
|---|--|-------------------------------------|
| Apus caffer | Whiterumped Swift | Secure |
| Apus melba | Alpine Swift | Secure |
| Aquila nipalensis | Steppe Eagle | Secure - |
| Aquila rapax | Tawny Eagle | Endangered |
| Aquila wahlbergi | Wahlberg's Eagle | Secure |
| Ardeotis kori | Kori Bustard | Secure |
| Batis molitor | Chinspot Batis | Secure |
| Batis pririt | Pririt Batis | Secure |
| Bubalornis niger | Redbilled Buffalo Weaver | Secure |
| Burhinus capensis | Spotted Dikkop | Secure |
| Buteo buteo | Steppe Buzzard Barred Warbler | Secure - |
| Calamonastes fasciolatus | | Secure |
| Calendulauda sabota | Sabota Lark | Secure |
| Camaroptera brevicaudata | Greybacked Camaroptera | Secure |
| Caprimulgus pectoralis | Fierynecked Nightjar | Secure |
| Caprimulgus rufigena | Rufouscheeked Nightjar | Secure |
| Ceryle rudis | Pied Kingfisher | Secure |
| Chrysococcyx caprius | Diederik Cuckoo | Secure |
| Chrysococcyx klaas | Klaas's Cuckoo | Secure |
| Ciconia abdimii | Abdim's Stork | Secure |
| Cinnyris mariquensis | Marico Sunbird | Secure |
| Circaetus pectoralis | Blackbreasted Snake Eagle | Secure |
| Cisticola chiniana | Rattling Cisticola | Secure |
| Cisticola rufilatus | Tinkling Cisticola | Secure |
| Clamator glandarius | Great Spotted Cuckoo | Secure |
| Coracias caudata | Lilacbreasted Roller | Secure |
| Coracias garrulus | European Roller | Secure - |
| Coracias naevia | Purple Roller | Secure |
| Corvinella melanoleuca | Longtailed Shrike | Secure |
| Corvus capensis | Black Crow | Secure |
| Corythaixoides concolor | Grey Lourie | Secure |
| Creatophora cinerea | Wattled Starling | Secure |
| Crithagra flaviventris | Yellow Canary | Secure |
| Cuculus clamosus | Black Cuckoo | Secure |
| Cuculus gularis | African Cuckoo | Secure |
| Cursorius temminckii | Temminck's Courser | Secure |
| Cypsiurus parvus | Palm Swift | Secure |
| Delichon urbicum Dicrurus adsimilis | House Martin Forktailed Drongo | Secure - |
| | | Secure |
| Elanus caeruleus | Blackshouldered Kite Goldenbreasted Bunting | Secure |
| Emberiza flaviventris | | Secure |
| Emberiza tahapisis | Rock Bunting Yellowbellied Eremomela | Secure |
| Eremomela icteropygialis | | Secure |
| Eremopterix verticalis | Greybacked Finchlark Whitebrowed Robin | Secure Secure |
| Erythropygia leucophrys | | |
| Erythropygia paena Estrilda erythronotos | Kalahari Robin | Secure |
| · · · · · · · · · · · · · · · · · · · | Blackcheeked Waxbill | Secure |
| Eupodotis afraoides | Whitequilled Korhaan | Secure |
| Eupodotis ruficrista | Redcrested Korhaan | Secure |
| Eurocephalus anguitimens | Whitecrowned Shrike | Secure |
| Falco biarmicus | Lanner Falcon | Secure |
| Falco chicquera | Rednecked Falcon | Secure |
| Falco subbuteo | Hobby Falcon | Secure - |
| Falco tinnunculus | Rock Kestrel | Secure |
| Falco vespertinus Francolinus adspersus | Western Redfooted Kestrel | Secure |
| | Redbilled Francolin | Secure Secure |
| | Created Francelin | |
| Francolinus sephaena | Crested Francolin | |
| Francolinus sephaena Francolinus swainsonii | Swainson's Francolin | Secure |
| Francolinus sephaena Francolinus swainsonii Gallinago nigripennis | Swainson's Francolin Ethiopian Snipe | Secure Secure |
| Francolinus sephaena Francolinus swainsonii Gallinago nigripennis Gyps africanus | Swainson's Francolin Ethiopian Snipe Whitebacked Vulture | Secure Secure Near Threatened |
| Francolinus sephaena Francolinus swainsonii Gallinago nigripennis | Swainson's Francolin Ethiopian Snipe | Secure Secure |



| Himmeda augullata | Creater Stringd Swellow | Secure |
|---|--|---|
| Hirundo cucullata | Greater Striped Swallow Rock Martin | Secure |
| Hirundo fuligula Hirundo rustica | | Secure - |
| Hirundo rusiica Hirundo semirufa | European Swallow Redbreasted Swallow | Secure |
| | | Secure |
| Lamprotornis australis | Burchell's Starling | |
| Lamprotornis nitens | Glossy Starling Crimsonbreasted Shrike | Secure Secure |
| Laniarius atrococcineus | Fiscal Shrike | Secure |
| Lanius collaris | Redbacked Shrike | |
| Lanius collurio | | Secure - |
| Lanius minor | Lesser Grey Shrike | Secure - Secure |
| Melaenornis infuscatus | Chat Flycatcher Marico Flycatcher | Secure |
| Melaenornis mariquensis | | |
| Melierax canorus | Pale Chanting Goshawk | Secure Secure - |
| Merops apiaster | European Bee-Eater Swallowtailed Bee-Eater | |
| Merops hirundineus | | Secure |
| Micronisus gabar | Gabar Goshawk | Secure |
| Milvus migrans | Black Kite | Secure - |
| Milvus parasitus | Yellowbilled Kite | Secure |
| Mirafra passerina | Monotonous Lark | Secure |
| Monticola brevipes | Shorttoed Rock Thrush | Secure |
| Muscicapa striata | Spotted Flycatcher | Secure - |
| Nectarinia fusca | Dusky Sunbird | Secure |
| Nectarinia talatala | Whitebellied Sunbird | Secure |
| Nilaus afer | Brubru | Secure |
| Numida meleagris | Helmeted Guineafowl | Secure |
| Oena capensis | Namaqua Dove | Secure |
| Onychognathus nabouroup | Palewinged Starling | Secure |
| Parisoma subcaeruleum | Titbabbler | Secure |
| Parus cinerascens | Ashy Tit | Secure |
| Passer diffusus | Southern Grey-headed Sparrow | Secure |
| Passer motitensis | Great Sparrow | Secure |
| Plocepasser mahali | Whitebrowed Sparrowweaver | Secure |
| Ploceus velatus | Masked Weaver | Secure |
| Polemaetus bellicosus | Martial Eagle | Endangered |
| Polihierax semitorquatus | Pygmy Falcon | Secure |
| Prinia flavicans | Blackchested Prinia | Secure |
| Psophocichla litsitsirupa | Groundscraper Thrush | Secure |
| Pterocles bicinctus | Doublebanded Sandgrouse | Secure |
| | Namaqua Sandgrouse | |
| Pterocles namaqua | Hamaqua Banagroube | Secure |
| | Redeyed Bulbul | Secure |
| Pterocles namaqua | | - |
| Pterocles namaqua Pycnonotus nigricans | Redeyed Bulbul | Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba | Redeyed Bulbul Melba Finch | Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas | Redeyed Bulbul Melba Finch Redbilled Quelea | Secure Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe | Secure Secure Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser | Secure Secure Secure Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop | Secure Secure Secure Secure Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis Smutsornis africanus | Redeyed BulbulMelba FinchRedbilled QueleaScimitarbilled WoodhoopoeBronzewinged CourserHamerkopBlackthroated Canary | Secure Secure Secure Secure Secure Secure Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser | Secure Secure Secure Secure Secure Secure Secure Secure Secure |
| Pterocles namaquaPycnonotus nigricansPytilia melbaQuelea queleaRhinopomastus cyanomelasRhinoptilus chalcopterusScopus umbrettaSerinus atrogularisSmutsornis africanusSporopipes squamifronsStreptopelia capicola | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch | Secure Secure Secure Secure Secure Secure Secure Secure Secure Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis Smutsornis africanus Sporopipes squamifrons | Redeyed BulbulMelba FinchRedbilled QueleaScimitarbilled WoodhoopoeBronzewinged CourserHamerkopBlackthroated CanaryDoublebanded CourserScalyfeathered FinchCape Turtle Dove | Secure Secure Secure Secure Secure Secure Secure Secure Secure Secure Secure Secure Secure |
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| Pterocles namaquaPycnonotus nigricansPytilia melbaQuelea queleaRhinopomastus cyanomelasRhinoptilus chalcopterusScopus umbrettaSerinus atrogularisSmutsornis africanusSporopipes squamifronsStreptopelia capicolaStreptopelia senegalensisStruthio camelusSylvietta rufescens | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch Cape Turtle Dove Laughing Dove Ostrich Longbilled Crombec | Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis Smutsornis africanus Sporopipes squamifrons Streptopelia capicola Streptopelia senegalensis Struthio camelus Sylvietta rufescens Tchagra australis | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch Cape Turtle Dove Laughing Dove Ostrich | Secure |
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| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis Smutsornis africanus Sporopipes squamifrons Streptopelia capicola Struthio camelus Sylvietta rufescens Tchagra australis Terathopius ecaudatus Thripias namaquus Tockus erythrorhynchus Tockus nasutus | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch Cape Turtle Dove Laughing Dove Ostrich Longbilled Crombec Threestreaked Tchagra Bateleur Bearded Woodpecker Redbilled Hornbill Southern Yellowbilled Hornbill | Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis Smutsornis africanus Sporopipes squamifrons Streptopelia capicola Struthio camelus Sylvietta rufescens Tchagra australis Terathopius ecaudatus Thripias namaquus Tockus erythrorhynchus Tockus nasutus Torgos tracheliotus | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch Cape Turtle Dove Laughing Dove Ostrich Longbilled Crombec Threestreaked Tchagra Bateleur Bearded Woodpecker Redbilled Hornbill Southern Yellowbilled Hornbill Grey Hornbill Lappetfaced Vulture | Secure Secure |
| Pterocles namaquaPycnonotus nigricansPytilia melbaQuelea queleaRhinopomastus cyanomelasRhinoptilus chalcopterusScopus umbrettaSerinus atrogularisSmutsornis africanusSporopipes squamifronsStreptopelia capicolaStreptopelia senegalensisStruthio camelusSylvietta rufescensTchagra australisTerathopius ecaudatusThripias namaquusTockus erythrorhynchusTockus nasutusTorgos tracheliotusTricholaema leucomelas | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch Cape Turtle Dove Laughing Dove Ostrich Longbilled Crombec Threestreaked Tchagra Bateleur Bearded Woodpecker Redbilled Hornbill Southern Yellowbilled Hornbill Grey Hornbill Lappetfaced Vulture Pied Barbet | Secure Secure |
| Pterocles namaqua Pycnonotus nigricans Pytilia melba Quelea quelea Rhinopomastus cyanomelas Rhinoptilus chalcopterus Scopus umbretta Serinus atrogularis Smutsornis africanus Sporopipes squamifrons Streptopelia capicola Struthio camelus Sylvietta rufescens Tchagra australis Terathopius ecaudatus Thripias namaquus Tockus erythrorhynchus Tockus nasutus Torgos tracheliotus | Redeyed Bulbul Melba Finch Redbilled Quelea Scimitarbilled Woodhoopoe Bronzewinged Courser Hamerkop Blackthroated Canary Doublebanded Courser Scalyfeathered Finch Cape Turtle Dove Laughing Dove Ostrich Longbilled Crombec Threestreaked Tchagra Bateleur Bearded Woodpecker Redbilled Hornbill Southern Yellowbilled Hornbill Grey Hornbill Lappetfaced Vulture | Secure Secure |



| Upupa epops | Ноорое | Secure |
|------------------------|---------------------|--------|
| Uraeginthus angolensis | Blue Waxbill | Secure |
| Uraeginthus granatinus | Violeteared Waxbill | Secure |
| Urocolius indicus | Redfaced Mousebird | Secure |
| Vanellus armatus | Blacksmith Plover | Secure |
| Vanellus coronatus | Crowned Plover | Secure |
| Vanellus senegallus | Wattled Plover | Secure |
| Vidua regia | Shafttailed Whydah | Secure |
| Zosterops senegalensis | Yellow White-Eye | Secure |

Appendix B: Proof of Advertisements, Letters and Notices



Appendix of CV's



Mineral exploration on EPL 8650

ndeliimonachox@gmail.com

Sat, 18 Mar 2023 11:25:59 PM +0200 •

To "public" < public@impalac.com>

Dear Mr. Andjamba

I hereby request to be registered as an I&AP for the EIA:

-Mineral exploration on EPL 8650

as issued in your public notice in the New Era newspaper on the 20th of February 2023. Please would you also forward me the Background Information Document (BID) and the map (kmz file) or edge coordinates of the area under exploration?

Regards Nelimona Iipinge Namibian Environment and Wildlife Society



MONDAY 27 FEBRUARY 2023



Nomcebo Zikode thanks SA for supporting her musical journey

Granmy Award-winning artist Nomcebo Zikode has thanked South Africans for supporting her journey as a musician. She received a warm welcome home from members of the creative industry at the King Shaka International Airport in Durban on Thursday.

Żikode, Wouter Kellerman, and Zakes Bantwini walked away with the coveted Grammy Award in the best global music performance category for their hit song, Bayethe, earlier this month.

She says she feels blessed. "Many musicians would love to get this or whatever, but God chose me for this award and to be the second one after Miriam Makeba to get this award, so I'm like, I'm feeling so blessed. Thank you, thank you so much to God and thank you so much to everyone that has been supporting 66

Many musicians would love to get this or whatever, but God chose me for this award."

me. To KZN, to South Africa, thank you so much for everything, to Durban tourism and to everyone that has been behind my talent, thank you so much." Members of KwaZulu-Natal's

creative industry have lauded Zikode.

Singer and songwriter Welile Artchild Gumede was amongst those who welcomed Zikode home.

"Seeing Nomcebo Zikode win Grammy award, to me as a female artist from Durban and South Africa, it means the world because as I grew up in the township as well. It was hard for me, the female artist in Durban to see myself in a bigger stage like up against Beyonce. And the Grammy Awards are actually a very important and prestigious award overseas. So, seeing one of us from the townships from where we come from win this award and being welcomed with such warmth in the Durban City, it really warms my heart and I see a future that is bright for us as female artist."

Zikode, who worked as a backup singer for over 15 years, says she is thrilled at being so warmly received.

LaConco and Jacob Zuma's latest snap has tweeps weighing in

Rilmmakers and their stars turned out on Saturday for the Producers Guild Awards (PGA), which is seen as the main litmus test of what will win the coveted best picture at the Oscars.

The ceremony highlights the best in film and television for the past year and stresses the producers' role in getting productions to our screens.

The exes look very friendly with each other as they posed for the picture.

Nxamza pic.twitter.com/ IFdaLxFab5

— Sphethile Mathenjwa (@ sphescooby) February 25, 2023 The South African public was introduced to her as the former president's partner and mother to his son and got to know her better when she joined the popular reality show, where she tried to keep her relationship private due to Zuma's stature.

During the second season of "The Real Housewives of Durban", Conco made it known that she and the famous politician had split and she had moved on with someone else, who was only identified as "Petal".

The recent picture of the former couple had speculation running into overdrive, raising curiosity over the status of their relationship, while questioning if Zuma is actually "Petal".

This might be a case for her former castmates to tackle: Jojo can confirm if this is real with Annie leading the investigation, perhaps?

@zinzimsiza16 said: "Actually now that I think about it. Ubaba does look like someone who could say Petals for my petal."

Actually now that I think about it. Ubaba does look like someone who could say Petals for my petal — NaMsiza (@zinzimsiza16)

February 25, 2023

@carol_mgk said: "Laconco LaC looks very happy here. Nxamza is a real charmer boy ."

Laconco LaC looks very happy here. Nxamza is a real charmer boy

— Carol (@carol_mkg) February 25, 2023

@zukhanye_ad said: "Angazi why ni shocked... uLaC has been wearing her ring and it shows in all her recent pictures... so obvs ubaba ukhona."

Angazi why ni shocked... uLaC has been wearing her ring and it shows in all her recent pictures... so oby: ubaba ukhona

— H A B I B T I (@zukhanye_
 ad) February 26, 2023
 The picture raised mixed

reactions with some followers weighing in on the age difference between the two.-

CALL FOR PUBLIC PARTICIPATION

ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL EXPLORATION ON EPL 8650

This notice serves to inform all interested and affected parties that an application for the environmental clearance certificate will be launched with the Environmental Commissioner in terms of the Environmental Management Act (No.7 of 2007) and the Environmental Regulations (GN 30 of 2012).

Project: The licence is located 32 km southeast of Khorixas, accessible along the C39 road. The proponent intends to explore for Base Metals. Exploration methods may include geological mapping, geophysical surveys, sampling, and drilling.

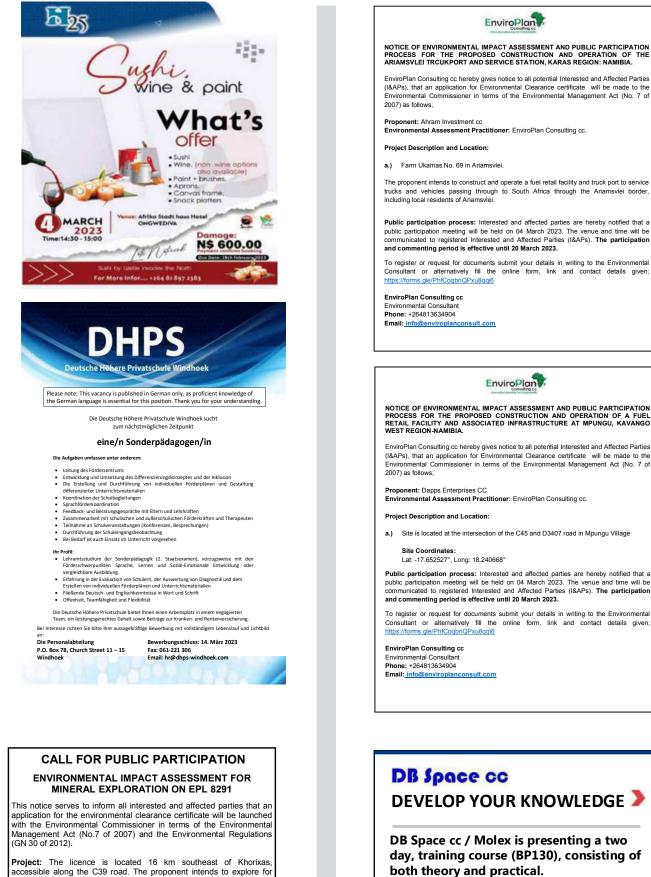
Proponent: Ongwe Minerals (Pty) Ltd

All interested and affected parties are hereby invited to register and submit their comments regarding the proposed project on or before 14/03/2023. Contact details for registration and further information:

Impala Environmental Consulting Mr. S. Andjamba Email: public@impalac.com, Tel: 0856630598

IMPALA

CLASSIFIEDS



Project: The licence is located to km southeast of knorkas, accessible along the C39 road. The proponent intends to explore for Base Metals. Exploration methods may include geological mapping, geophysical surveys, sampling, and drilling.

Proponent: Carl Andries Joone

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Email: public@impalac.com, Tel: 0856630598



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up to and including Category 7A.

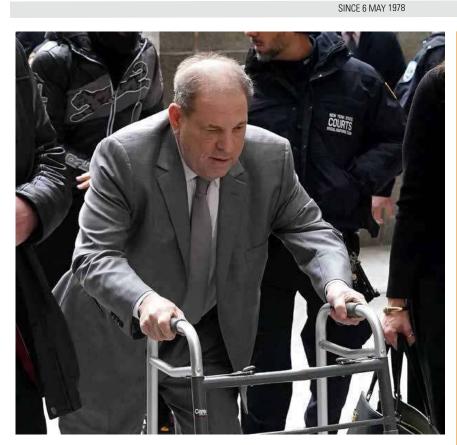
Basic Fibre Optic solutions, POE .

Contact D Maree

Tel 061 42 5808



FRIDAY 23 FEBRUARY 2023



Harvey Weinstein. Picture: Twitter

Harvey Weinstein sentenced for another 16 years for rape and sexual assault

hamed Hollywood titan Harvey Weinstein has been sentenced to another 16 years in jail for rape and sexual assault after he begged the judge for "mercy" and insisted he was the victim of a "set-up" – and branded his actress accuser an expert at turning on "the tears".

The 70-year-old former powerplayer - who produced classics including "Pulp Fiction" and "Good Will Hunting" and who is currently serving 23 years behind bars for a 2020 conviction for raping an aspiring actress and sexually abusing a TV and film production assistant - was handed the term at a Los Angeles courthouse on Thursday, which has been branded a life sentence given his age and frail health.

After a trial in December, a jury found him guilty on three counts - rape, forced oral sex and sexual penetration by a foreign object - at the Mr C Hotel in Beverly Hills, LA, in 2013.

All charges related to a single victim, a European model and actor who testified anonymously as 'Jane Doe One' during hearings.

The woman said she was assaulted

after Weinstein turned up uninvited at her hotel room during a LA film festival.

Jurors remained undecided on two counts related to accusations made by Jennifer Siebel Newsom, a documentary filmmaker and the wife of California Governor Gavin Newsom, according to the New York Times. The publication also stated they could not agree on one count stemming from allegations by model and screenwriter Lauren Young.

Jane Doe One said in a statement: "Harvey Weinstein forever destroyed a part of me that night in 2013, and I will never get that back."

While begging judge Lisa Lench for "mercy" on Thursday, Weinstein told her he "didn't deserve" to spend the rest of his life locked up, and insisted the allegations against him were part of a "set up".

The former mogul pleaded to the judged in front of a packed court after being wheeled in for sentencing in a grev Los Angeles County jail uniform: "Your Honour ... I maintain that I am innocent.

"I never raped or sexually assaulted Jane Doe One. I don't know that woman and she doesn't know me.

"This is a made-up story. With all due respect, Jane Doe One is an actress... Jane Doe One can turn on the tears

"Please don't sentence me to life in prison, I don't deserve it. I beg your mercy". A representative for dad-of-five Weinstein, whose fashion designer wife Georgina Chapman, 46, walked out on him in 2017 before their divorce was finalised in 2021, said the verdict was "cruel" given his age and deteriorating physical condition.

Juda S Engelmayer told Page Six on Thursday: "It's not justice, but a pileon for a man many people just decided should be cast off and discarded regardless of facts. It will be appealed."

Weinstein's lawyers used the LA trial to attack the #MeToo movement sparked by Weinstein's abuse, urging jurors to forget it and focus on the case.

His attorney Alan Jackson told the jury: "The truth is immutable. It's not a feeling. It's not a whim. It's not a hashtag.'

Thursday's sentencing had been delayed from 9 January to allow for a retrial motion to be entered by Weinstein's lawyers, which was rejected by Judge Lench-iol

AKA's mom: 'My heart is shattered into a million pieces'

essages of love and condolences continue to pour in for the family of Kiernan Jarryd Forbes, better known as AKA, as the country tries to come to grips with the tragedy two weeks later.

Mom Lynn Forbes shared a picture of herself looking over the body of AKA as it lay in a black casket at the private viewing ceremony. The mother of two captioned

her post: Oh my heart ... The last two weeks have been surreal, more specifically the mornings.

"Waking up every morning, being reminded that this nightmare will never end, is the most excruciating pain I have ever felt. My heart is shattered into millions of pieces I love you Kiernan 28.01.1988 01.15am

Followers shared in her grief and sent messages of encouragement to Lvnn, also known as "Glammy" on Instagram.

el150293 wrote: "No words can bring back your beloved son, but I want you to reminisce on the good times and smiles you shared with him. He made you a proud mom for 35 years.

"So sad that he had to leave so young and in an unpleasant way, but

langelihlentini wrote: "Am still trying to accept what happened being only a fan. Thinking of you all the time and family. How is baby Kairo, Nadia, uncle Tony and

everyone. el150293 wrote: "No words can times and smiles you shared with him. He made you a proud mom for 35 years.

"So sad that he had to leave so young and in an unpleasant way, but Kiernan will forever be with you

langelihlentini wrote: "Am still trying to accept what happened being only a fan. Thinking of you all the time and family. How is baby Kairo, Nadia, uncle Tony and everyone."

zama_mg wrote: "It hurts like hell In times like these it's just serious conversation with god let's give it all to him I don't know what to even type my heart is heavy I keep searching for his name all day long and I'm just like damn this is all we left with I'm so sorry for loss Ma our loss, may god be with you and the whole Forbes family

pink.dimensions_ wrote: "@ lynnforbesza Our hearts are shattered as a country. We love you Aka's mom pray the pain eases.

thabile172 wrote: "may the Almighty Lord give you strength aunt Lyn and i will forever love our aka ." ynn's last birthday post to AKA was on January 29, a day after his 35th birthday.

She wrote: "I've been reflecting on motherhood and how it changed my life and this quote sums it up best ...

"The day you become a mother is the day you start watching your heart walk around outside of your body. Here's to 35 years of motherhood and counting ... Celebrating every precious moment of your life Kiernan 28.01.1988 01.15am

CALL FOR PUBLIC PARTICIPATION

ENVIRONMENTAL IMPACT ASSESSMENT FOR **MINERAL EXPLORATION ON EPL 8650**

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Proponent: Ongwe Minerals (Pty) Ltd

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Impala Environmental Consulting

Mr. S. Andjamba Email: public@impalac.com, Tel: 0856630598



Kiernan will forever be with you

bring back your beloved son, but I want you to reminisce on the good

CLASSIFIEDS



Proponent: Ahram Investment cc Environmental Assessment Practitioner: EnviroPlan Consulting cc.

EnviroPlan

Project Description and Location:

a.) Farm Ukamas No. 69 in Ariamsvlei.

The proponent intends to construct and operate a fuel retail facility and truck port to service trucks and vehicles passing through to South Africa through the Ariamsvlei border, including local residents of Ariamsvlei.

Public participation process: Interested and affected parties are hereby notified that a public participation meeting will be held on 04 March 2023. The venue and time will be communicated to registered Interested and Affected Parties (I&APs). The participation and commenting period is effective until 20 March 2023.

To register or request for documents submit your details in writing to the Environmental Consultant or alternatively fill the online form, link and contact details given; https://forms.gle/PhfCoqbnQPxu8qqi6

EnviroPlan Consulting cc Environmental Consultant Phone: +264813634904 Email: info@enviroplanconsult.com



NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY AND ASSOCIATED INFRASTRUCTURE AT MPUNGU, KAVANGO WEST REGION-NAMIBIA.

EnviroPlan Consulting cc hereby gives notice to all potential Interested and Affected Parties (I&APs), that an application for Environmental Clearance certificate will be made to the

Proponent: Dapps Enterprises CC Environmental Assessment Practitioner: EnviroPlan Consulting cc.

oject Description and Location:

a.) Site is located at the intersection of the C45 and D3407 road in Mpungu Village

Site Coordinates Lat: -17.652527°, Long: 18.240668°

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Contact D Maree Tel 061 42 5808

training@dbspace.cc

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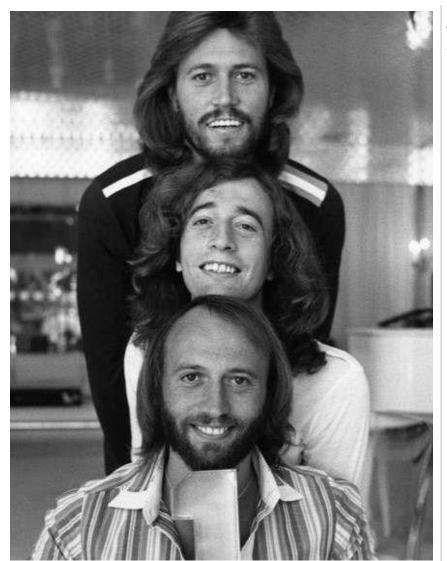




SINCE 6 MAY 1978



THURSDAY 23 FEBRUARY 2023



Anatii reflects on his time working with AKA on 'Be Careful What You Wish For'

usician Anatii has penned a social -media post to his late friend and collaborator award winning rapper Kiernan "AKA" Forbes after his death earlier this month.

"There will never be another Kiernan 'AKA' Forbes. Long live my brother Supa Mega. You were definitely a force to be reckoned with bro.

"We had many ups and downs and shared many beautiful moments together, some public and others very private," he shared.

When musician Anatii stepped out onto the stage at AKA's memorial service and began performing "Holy Mountain" from their 2017 collaborative album, the crowd went crazy.

The album "Be Careful What You Wish For" ("BCWYWF"), consists of many fan favourites such as "10 Fingers" and, as Anatii performed the songs, fans were visibly moved.

In his post Anatii shared with his followers that the making of "Be Careful What You Wish For" was a transformative period in their lives.

"When we worked on 'BCWYWF' it was a transformative period in both our lives, being able to harness the power of forgiveness and focusing on the bigger picture and path that God laid out for us.



"The pain caused by the abrupt and sad ending of your life struck a very sensitive chord and I have been questioning the validity and tangibility of life on earth and one's purpose in this physical realm."

The album came after the two after had a fallout which resulted in AKA accusing Anatii in his popular diss track "Composure" for trying to charge him a whopping R80 000 for the very same beat he was rapping on and claimed that his contribution was the reason "The Saga" was so popular.

The Bee Gees Night Fever is touring Durban and Cape Town

he global disco revival is coming to South Africa this Autumn with The Bee Gees Night Fever tribute show announcing a run of performances at Sibaya Casino's Izulu Theatre from March 31st to April 10th and a single show at GrandWest's Grand Arena in Cape Town on April 14th. Since the release of Pop

icon Beyonce's dance-focused 'Renaissance' album in 2022, retro dance and disco music has seen a massive resurgence in popularity and South African's are expected to hit the dance floor in droves when The Bee Gees Night Fever comes to town.

Produced by Showtime Australia - the team behind last year's hugely successful Queen: It's a Kinda Magic tour - the international tribute show brings together the exquisite voices of Australia's Zac Coombs and South Africans André Behnke and Warren Vernon-Driscoll to recreate the iconic three-piece harmonies of siblings Barry, Robin and Maurice Gibbs - better known as the Bee Gees - alongside a live band and full Pop concert production.

Audiences can expect to hear all the disco dance floor-fillers, smooth 70s ballads and 60s Pop standards that made the Bee Gees timeless, including Stayin' Alive, Jive Talkin', You Should Be Dancin', How Deep Is Your Love, More Than a Woman, Night Fever. Tragedy, If I Can't Have You, To Love Somebody, Immortality, Guilty, Massachussetts and more.

CALL FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR

MINERAL EXPLORATION ON EPL 8650

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Proponent: Ongwe Minerals (Pty) Ltd

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Impala Environmental Consulting Mr. S. Andjamba Email: public@impalac.com, Tel: 0856630598



CI ASSIFIFDS





Please note: This vacancy is published in German only, as proficient knowledge of the German language is essential for this position. Thank you for your understanding.

Die Deutsche Höhere Privatschule Windhoek sucht zum nächstmöglichen Zeitpunkt

eine/n Sonderpädagogen/in

- Leitung des Förderzentrums Entwicklung und Umsetzung des Differenzierungskonzeptes und der Inklusion Die Erstellung und Durchführung von individuellen Förderplänen und Gestaltung differenzierter Unterrichtsmatenällen Koordination der Schubegleitungen

- Sprachförderkoordination
- Sprachtförderkoordination
 Fredback- und Beratungsgespräche mit Eltern und Lehkräften
 Zusammenarbet mit schulischen und außerschulischen Förderkräften und Therapeuten
 Teilnahm en Schulvernast ätungen (Konferenzen, Besprechungen)
 Durchführung der Schuleingangsbeobachtung
 Beil Bedarf auch Einstat im Unterricht vorgesehen

- Ihr Profil:
 Lehramtsstudium der Sonderpädagogik (2. Staatsexamen), vorzugsweise mit den Förderschwerpunkten Sprache, Lernen und Sozial-Emotionale Entwicklung oder Lehrantsstudium der Johrus Hansesvan Förderschwerpunkten Syrache, Lernen und Sozial-Emotionale Entwicklung or vergleichbare Ausbildung
 Erfahrung in der Valuation von Schüfern, der Auswertung von Diagnostik und dem Erstellen von individuellen Förderplänen und Unterrichtsmaterialen Fießende Deutsch- und Englischkenntnisse in Wort und Schrift
 Offenheit, Teamfähigkeit und Flexibilität

eutsche Höhere Privatschule bietet Ihnen einen Arbeitsplatz in einem engagierten , ein leistungsgerechtes Gehalt sowie Beiträge zur Kranken- und Rentenversicherung. Bei Interesse richten Sie bitte Ihre aussagekräftige Bewerbung mit vollständigem Lebenslauf und Lichtbild

Die Personalabteilung P.O. Box 78, Church Street 11 – 15 Windhoek

Bewerbungsschluss: 14. März 2023 Fax: 061-221 306 Email: hr@dhps-windhoek.com

CALL FOR PUBLIC PARTICIPATION

ENVIRONMENTAL IMPACT ASSESSMENT FOR **MINERAL EXPLORATION ON EPL 8291**

This notice serves to inform all interested and affected parties that an application for the environmental clearance certificate will be launched with the Environmental Commissioner in terms of the Environmental Management Act (No.7 of 2007) and the Environmental Regulations (GN 30 of 2012)

Project: The licence is located 16 km southeast of Khorixas, accessible along the C39 road. The proponent intends to explore for Base Metals. Exploration methods may include geological mapping, geophysical surveys, sampling, and drilling.

Proponent: Carl Andries Joone

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NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED CONSTRUCTION AND OPERATION OF THE ARIAMSVLEI TRCUKPORT AND SERVICE STATION, KARAS REGION: NAMIBIA.

EnviroPlan Consulting cc hereby gives notice to all potential Interested and Affected Parties (I&APs), that an application for Environmental Clearance certificate will be made to the Environmental Commissioner in terms of the Environmental Management Act (No. 7 of 2007) as follows:

Proponent: Ahram Investment cc

Environmental Assessment Practitioner: EnviroPlan Consulting cc.

Project Description and Location:

a.) Farm Ukamas No. 69 in Ariamsvlei.

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EnviroPlan Consulting cc Environmental Consultant Phone: +264813634904 Email: info@enviroplanconsult.com



NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY AND ASSOCIATED INFRASTRUCTURE AT MPUNGU, KAVANGO WEST REGION-NAMIBIA.

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Project Description and Location:

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EnviroPlan Consulting co Environmental Consultant Phone: +264813634904 mail: info@enviroplanconsult.com

DB Space cc DEVELOP YOUR KNOWLEDGE 🎾

DB Space cc / Molex is presenting a two day, training course (BP130), consisting of both theory and practical.

Windhoek 15th & 16th March 2023 Training course covers all technology up to and including Category 7A. Basic Fibre Optic solutions, POE .

Contact D Maree training@dbspace.cc Tel 061 42 5808



WEDNESDAY 22 FEBRUARY 2023



Hitmen were probably paid R250 000 to kill AKA and were not amateurs

urban - The hitmen who gunned down Kiernan 'AKA' Forbes, may have been paid almost R250 000. This was revealed by a local taxi boss who has knowledge of professional hits. Forbes was gunned down outside Wish Restaurant in Florida Road on February 10, alongside a friend, Tebello "Tibz" Motsoane.

To date, police have made no

arrests. Forbes was laid to rest in a

private ceremony on Saturday. There has been an outpouring of grief on social media following his death.

Many social media users are playing detectives, revealing who they think may be linked to the hit. But a taxi boss told Times Live

that hits could range from R10 000 to kill an ordinary person with no bodyguards to R500 000. The man, who was not named, said the "more dangerous" a person was, the more expensive the contract killing became. The taxi boss said killing a person could take time and a

person could take time, and a hit for a person with bodyguards could take months to execute. To carry out the hit, the taxi boss told TimesLive, that someone had to inform the killers of AKA's whereabouts, one person was hired to pull the trigger, and someone to drive the getaway car. In addition, he said the

hitmen who killed AKA were not amateurs.

"They shot the two people in the presence of many. An amateur would not be able to do that. These are serious hitmen," he told TimesLive. IOL

CALL FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL EXPLORATION ON EPL 8650

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Liam Neeson slams his appearance on 'The View': 'It was embarrassing BS!'

iam Neeson has slammed his appearance on "The View" as "embarrassing" and "BS" over its focus on co-host Joy Behar's crush on him.

The "Taken" actor, 70, was on the ABC show last week to plug his upcoming 100th film 'Marlowe', in which he plays detective Philip Marlowe, when a montage of clips was played showing comic Behar, 80, admitting her love for the Oscar nominee.

They included the married mumof-one saying: "I would just like to have my ashes sprinkled over Liam Neeson,", and one of her co-hosts joking: "Joy wants to get 'taken' by you".

Neeson, whose wife Natasha Richardson died aged 45 in 2009 after sustaining a head injury as a result of a skiing accident in Canada, told the new issue of Rolling Stone magazine about how he thought he was going on the show for a serious debate: "I was in the dressing room drinking a cup of tea, turned the TV up, and I thought, 'Oh, this will be great'. "They're talking about gun violence in America, and I agree that it's an American problem.' "I go onstage and join the ladies during the break, and I was congratulating them on this discussion.

"And then our segment starts, and it's just all this BS with Joy and Liam Neeson and having a crush, and I've known Whoopi for years and Joy a little bit, but I just wasn't impressed. "I'm uncomfortable in those situations, you know?" The social media account for "The View" messaged about his appearance: "Liam Neeson – our Joy Behar's favorite actor – tells us about his new movie #Marlowe and we look back on Joy's well-documented admiration for him!" Neeson did admit he had a "good, intelligent conversation" with co-host Sunny Hostin, 54, after they finished shooting his segment.-IOL



Nota claims he knew Sim Dope long before AKA on DJ Sbu's podcast

rtist manager and controversial Twitter user, Nota took to DJ Sbu's podcast, "The Hustle Corner" to state his case about recklessly naming suspects he thinks had a hand in rapper AKA's murder.

The "Company" hitmaker was shot and killed earlier this month outside Wish, a restaurant in Florida Road, Durban. A lot of people are angry at Nota for

A lot of people are angry at Nota for calling out suspects on social media with no proof.

To this he said: "This is a very tragic situation, it's a very sad situation. The first thing I need to tell fans of AKA, the Megacy, is that we need to let go and let God.

"What you were seeing from me is the exact example of a friend who is going through grief and trauma, and finding it hard to accept the finality of a loss of life. I will never ever speak to Kiernan again. I will never hear his voice again.

"Kiernan to me is not just another guy. Kiernan is another me, he's my mirror, he's my measuring stick."

He went on to say that AKA was left vulnerable in Durban and gave a long explanation as to why he felt the need to be a social media detective, along with thousands of other social media users.

Further along in the interview he spoke of Sim Dope, who was AKA's best friend at St John's College, and who AKA wrote a song about.

Nota claimed that he knew Sim Dope before AKA and shared the story of how Sim Dope got a scar on his face.

"Sim Dope got that scar in primary school while climbing a tree with me. I was climbing a tree with him and he climbed higher than me and he fell. At Radford house, a boutique primary school.

"Before Kiernan ever met Sim Dope, I was in primary school with Sim Dope. He went to get his stitches and after the second break, he was back in school. That's Sim Dope." Nota said.-IOL

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Windhoek

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an: Die Personalabteilung P.O. Box 78, Church Street 11 – 15

Bewerbungsschluss: 14. März 2023 Fax: 061-221 306 Email: hr@dhps-windhoek.com

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ENVIRONMENTAL IMPACT ASSESSMENT FOR **MINERAL EXPLORATION ON EPL 8291**

This notice serves to inform all interested and affected parties that an application for the environmental clearance certificate will be launched with the Environmental Commissioner in terms of the Environmental Management Act (No.7 of 2007) and the Environmental Regulations (GN 30 of 2012).

Project: The licence is located 16 km southeast of Khorixas accessible along the C39 road. The proponent intends to explore for Base Metals. Exploration methods may include geological mapping, geophysical surveys, sampling, and drilling.

Proponent: Carl Andries Joone

All interested and affected parties are hereby invited to register and submit their comments regarding the proposed project on or before 14/03/2023. Contact details for registration and further information:

Impala Environmental Consulting Mr. S. Andjamba Email: public@impalac.com, Tel: 0856630598





NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED CONSTRUCTION AND OPERATION OF THE ARIAMSVLEI TRCUKPORT AND SERVICE STATION, KARAS REGION: NAMIBIA.

EnviroPlan Consulting cc hereby gives notice to all potential Interested and Affected Parties (I&APs), that an application for Environmental Clearance certificate will be made to the Environmental Commissioner in terms of the Environmental Management Act (No. 7 of 2007) as follows:

Proponent: Ahram Investment cc

Environmental Assessment Practitioner: EnviroPlan Consulting cc.

Project Description and Location:

a.) Farm Ukamas No. 69 in Ariamsvlei

The proponent intends to construct and operate a fuel retail facility and truck port to service trucks and vehicles passing through to South Africa through the Ariamsvlei border, including local residents of Ariamsvlei.

Public participation process: Interested and affected parties are hereby notified that a public participation meeting will be held on 04 March 2023. The venue and time will be communicated to registered Interested and Affected Parties (I&APs). The participation and commenting period is effective until 20 March 2023.

To register or request for documents submit your details in writing to the Environmental Consultant or alternatively fill the online form, link and contact details given; https://forms.gle/PhfCogbnQPxu8ggi6

EnviroPlan Consulting cc Environmental Consultant Phone: +264813634904 Email: info@enviroplanconsult.com



NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED CONSTRUCTION AND OPERATION OF A FUEL RETAIL FACILITY AND ASSOCIATED INFRASTRUCTURE AT MPUNGU, KAVANGO WEST REGION-NAMIBIA.

EnviroPlan Consulting cc hereby gives notice to all potential Interested and Affected Parties (I&APs), that an application for Environmental Clearance certificate will be made to the Environmental Commissioner in terms of the Environmental Management Act (No. 7 of 2007) as follows

Proponent: Dapps Enterprises CC Environmental Assessment Practitioner: EnviroPlan Consulting cc.

Project Description and Location:

a.) Site is located at the intersection of the C45 and D3407 road in Mpungu Village

Site Coordinates Lat: -17.652527°, Long: 18.240668°

Public participation process: Interested and affected parties are hereby notified that a public participation meeting will be held on 04 March 2023. The venue and time will be communicated to registered Interested and Affected Parties (I&APs). The participation and commenting period is effective until 20 March 2023.

To register or request for documents submit your details in writing to the Environmental Consultant or alternatively fill the online form, link and contact details given; <u>https://forms.gle/PhfCoqbnQPxu8qqi6</u>

EnviroPlan Consulting co Environmental Consultant Phone: +264813634904 mail: info@enviroplanconsult.com

DB Space cc DEVELOP YOUR KNOWLEDGE 🎾

DB Space cc / Molex is presenting a two day, training course (BP130), consisting of both theory and practical.

Windhoek 15th & 16th March 2023 Training course covers all technology up to and including Category 7A. Basic Fibre Optic solutions, POE .

Contact D Maree training@dbspace.cc Tel 061 42 5808

NATIONAL

Brazil star Dani Alves must remain in custody court

arcelona -Former Barcelona and Brazil star Dani Alves will remain in custody pending his trial for allegedly raping a woman as he is considered a high flight risk, the Provincial Court of Barcelona decided on Tuesday.

"There is an elevated risk of absconding, linked on the one hand to the high sentence that could be imposed because of the present case, the serious evidence of criminality against him and large financial resources that would allow him to leave Spain at any time," the court said in a statement.

The court believe taking the 39-year-old's passport would not prevent him from leaving Spain "by air or sea or even by land without documentation.'

If he were to return to Brazil, his homeland, the court believes he would not be handed over to Spain as the South American country does not usually extradite its citizens.

The public prosecutor's office opposed his release.

On 2 January, a young woman alleged that Alves had raped her in the bathroom of a nightclub in Barcelona at the end of December.

The player, who initially denied knowing her, changed his story several times but later said they had consensual relations. according to sources close to the case.

Alves is on trial for the alleged crime of sexual assault - which in the Spanish penal code includes rape.

The investigating judge ordered on 20 January that he be remanded in custody without bail, taking into account, among other things, the contradictions in his initial statements and the high risk of absconding.

Alves was sacked by his club Pumas Unam in Mexico after his arrest.

In a highly successful career, Alves made 408 appearances for Barcelona, with 391 of those coming in his first spell from 2008-2016.

During that initial stint, he won six La Liga titles, three Champions League crowns and four Copa del Rey trophies.

At last year's World Cup in Qatar he became the oldest player to represent Brazil at football's showpiece tournament.

AFP



CALL: 0817234373 EMAIL: sales@observer.com.na | marketing@observer.com.na

"

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EnviroPlan

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT AND PUBLIC PARTICIPATION PROCESS FOR THE PROPOSED CONSTRUCTION AND OPERATION OF THE ARIAMSVLEI TRCUKPORT AND SERVICE STATION, KARAS REGION: NAMIBIA.

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EnviroPlan Consulting cc Environmental Consultant Phone: +264813634904 Email: info@enviroplanconsult.com

CALL FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR **MINERAL EXPLORATION ON EPL 8650**

This notice serves to inform all interested and affected parties that an application for the environmental clearance certificate will be launched with the Environmental Commissioner in terms of the Environmental Management Act (No.7 of 2007) and the Environmental Regulations (GN 30 of 2012).

Project: The licence is located 32 km southeast of Khorixas, accessible along the C39 road. The proponent intends to explore for Base Metals. Exploration methods may include geological mapping, geophysical surveys, sampling, and drilling.

Proponent: Ongwe Minerals (Pty) Ltd

All interested and affected parties are hereby invited to register and submit their comments regarding the proposed project on or before 14/03/2023. Contact details for registration and further information:

Impala Environmental Consulting Mr. S. Andjamba

Email: public@impalac.com, Tel: 0856630598

CALL FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR **MINERAL EXPLORATION ON EPL 8291**

This notice serves to inform all interested and affected parties that an application for the environmental clearance certificate will be launched with the Environmental Commissioner in terms of the Environmental Management Act (No.7 of 2007) and the Environmental Regulations (GN 30 of 2012).

Project: The licence is located 16 km southeast of Khorixas accessible along the C39 road. The proponent intends to explore for Base Metals. Exploration methods may include geological mapping, geophysical surveys, sampling, and drilling.

Proponent: Carl Andries Joone

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Impala Environmental Consulting Mr. S. Andjamba Email: public@impalac.com, Tel: 0856630598



IMPALA

DB Space cc DEVELOP YOUR KNOWLEDGE 义

DB Space cc / Molex is presenting a two day, training course (BP130), consisting of both theory and practical.

Windhoek 15th & 16th March 2023 Training course covers all technology up to and including Category 7A. Basic Fibre Optic solutions, POE .

Contact D Maree training@dbspace.cc Tel 061 42 5808

EW ERA

ASSIFIEDS

Notices

LIQUIDATION AND

DISTRIBUTION ACCOUNT IN DECEASED ESTATE

LYING FOR INSPECTION In terms of section 35(5) of Act 66 of 1965 notice is

hereby given that copies of the liquidation and distribution

accounts (first and final, unless

otherwise stated) in the estates specified below will be open for

the inspection of all persons interested therein for a period

of 21 days (or longer if specially stated) from the date specified or from the date of publication

hereof, whichever may be the later, and at the offices of the Maters and Magistrates as

Registered number of estate. E 340/2022

Margaret Katie Identity number: 470131 00188 Last Address: Remaining Extent of Farm L'Amour No 425, Gobabis District

Description of account other than First and Final: Final Period of inspection other than

21 days: 21 days Magistrate's Office: Gobabis Mater's Office: Windhoek

Name and (only name) address of executor or authorized agent

40, CUITO CUANAVALAE AVE, GOBABIS

REPUBLIC OF NAMIBIA MINISTRY OF INDUSTRIALISATION AND TRADE, LIQUOR ACT, 1998 NOTICE OF APPLICATION TO A COMMITTEE IN TERMS OF THE LIQUOR ACT, 1998 (regulations 14, 26 & 33) Notic e is given that an application in terms of the Liquer Act, 1998, particulars of which appear below, will be made to the Regional Liquor Licensing Committee. Region

OSHANA 1. Name and postal address of applicant. LEENA MWETULUNDILA P. O BOX 132 ONDANGWA 2. Name of business or proposed Business to which applicant relates OKA - SPOTA 3. Address/Location of premises to which Apolic stor prelates:

which Application relates: OMWANDI - ONDANGWA

Nature and details of applicatio SHEBEEN LIQUOR LICENCE

ONDANGWA MAGISTRATE

be Lodged: 28 FEBRUARY 2023

Which application will be heard: 12 APRIL 2023

Any objection or written submission in terms of section 28 of the Act in

In terms of section 28 of the Act in relation to the applicant must be sent or delivered to the Secretary of the Committee to reach the Secretary not less than 21 days before the date of the meeting of the Committee at which the application will be heard.

Date of meeting of C

5 Ck

ittee, Region

Licensing Committee OSHANA

Tel No.: 062 562602 Notice for publication in the Government Gazette on:

W H KEMPEN

17 February 2023

Surname: Hough Christian Names:

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Fax: (061) 220 584

Notices

PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL

the environmental clearance certificate will be launched with the Environmental Commissione in terms of the Environmental Management Act (No.7 of 2007) and the Environmental Regulations

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(Pty) Ltd All interested and affected parties are hereby invited to register and submit their comments regarding the proposed project on or before 14/03/2023. Contact details for registration and further

Impala Environmental Consulting Mr. S. Andiamba

Email: public@impalac.com, Tel: 0856630598

IMPALA

CALL FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL EXPLORATION ON EPL 8291

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Impala Environmental Consulting Mr. S. Andjamba

Email: public@impalac.com, Tel: 0856630598

IMPALA

REPUBLIC OF NAMIBIA MINISTRY OF INDUSTRIALISATION AND TRADE, LIQUOR ACT, 1998 INTIGE OF APPLICATION TO A COMMITTEE IN TERMS OF THE LIQUOR ACT, 1998 (regulations 14, 26 & 33)
Notice is given that an application in terms of the Liquor Act, 1998, particulars of which appear below, will be made to the Regional Liquor Licensing Committee, Region: KHOMAS

 Name and postal address of applicant, CAFE CAPRI CC, PO BOX 1622, WINDHOEK
 Name and postal address to which applicant relates. 2. Name of business or proposed Business to which applicant relates

CAFE CAPRI CC 3. Address/Location of

Email: classifieds@nepc.com.na

Notic

CALL FOR P PARTICIPAT COMMEN

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CONSTRUCTION OF

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ON ERF 1 OF POI OF FARM FINKEN

Green Earth Envi

Consultants have appointed to atter complete an Envir

Impact Assessment

Environmental Mar Plan (EMP) to obta

Environmental Cle Certificate as per t requirements of th Environmental Mar Act (No. 7 of 2007)

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Assessment Regula (GN 30 in GG 4878

February 2012) for construction and o

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portion of Portion

Farm Finkenstein I

Name of proponer DCN (Pty) Ltd Project locati description: It is t

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of Farm Finkenste

Windhoek. The facilities to be

will include a fu facility for a sile

diesel generator communication allow wireless con with their clien

A locality plan of is displayed on

Planning Notice B Customer Care C Municipal Offices, I

Scott Street, Wind be obtained from

Environmental Con

Bridgeview Offices Kwame Nkruma Av

Interested and

parties are here to register in te assessment proc

input, comments, a regarding the propo A public meeting

only if there is en interest. Only I registered will be

the possible pub to be held.

The last date for

March 2023. Contact det registration an

Green Earth Env Consultants

Contact Persons: Toit/Carien van der Tel: 0811273145

E - m a i I : <u>c</u> greenearthnamibia

information:

Windhoek.

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for

526, WINDH

Notices

REZONING OF ERF 3191, NO.29-31 STEIN STREET, KLEIN WINDHOEK, FROM 'RESIDENTIAL' WITH A DENSITY OF 1 DWELLING PER 900m² TO 'HOSPITALITY' (FOR A HOTEL PENSION) DU TOIT TOWN PLANNING CONSULTANTS, on behalf of the owner of the erf, in terms of the stipulations of the Urban and Regional Planning Act, 2018 (Act No. 5 of 2018), intends to apply to the Windhoek City Council and the Urban and

Regional Planning Board for: • Rezoning of Erf 3191, No.29-31 Stein Street, Klein Windhoek, from 'residential' with a density of 1 dwelling per 900m² to 'hospitality' (for a Hotel Pension).

 Consent to use Erf 3191, No. 29-31 Stein Street, Klein Windhoek, in accordance with the new zoning while the rezoning is formally being completed

De Vagabond Pension has been located on Erf 3191, on Stein Street, just south of the Klein Windhoek business hub for many years. The City of Windhoek granted consent for the establishment in 1992. The current zoning is 'residential' with a density of 1:900 and the erf is 2870m² in extent.

The existing, well-maintained accommodation establishment has operated for many years. There are 11 rooms established. The City of Windhoek has requested the owners to convert to the 'hospitality' zoning category to bring the number of rooms in line with the Windhoek Zoning Scheme. According to the new zoning category of 'Hospitality', a Hotel Pension is an accommodation establishment with at least 10 but not more than 20 rooms Sufficient parking is provided for on-site as per the City of Windhoek requirements. There is thus no intention to change the current operations or ambiance of the establishment The locality plan of the erf lies for inspection on the Town Planning Notice Board in the Customer Care Centre, Municipal Offices Rev. Michael Scott Street, Windhoek and at the offices of Du Toit Town Planning, 4 Dr Kwame Nkrumah Avenue, Klein Windhoek

Any person objecting to the proposed use of land as set out above may lodge such objection together with the grounds thereof with the City Council (the Urban Planner-Town House, Fifth Floor, Room 516) and the applicant within 14 days of the last publication of this notice (final date for objections is 1 March 2023). Should you require additional information you are welcome to contact our office.

Applicant: DU TOIT TOWN PLANNING CONSULTANTS P O Box 6871 AUSSPANNPLATZ WINDHOEK Tel: 061-248010

CLASSIFIEDS

and Deadlines

 To avoid disappointment of an To avoid disappointment of an advertisement not appearing on the date you wish, please book timeoutly Classifieds smalls and hotices: 12:00, two working days prior to placing Cancellations and alterations: 16:00, two days before date of publication in writing only

Notices (VAT Inclusive) Legal Notice NS480.00 Loss Land Title NS402.50 Name Change NS402.50 Birthdays from NS200.00 Death Notices from NS200.00 Thank You Messages from NS200.00

Terms and Conditions Apply

DO YOU URGENTLY NEED CASH?

Park your car and get up to 45% of it's value! Cash in you account in 30 min! No payslip no bank statement, just the carl Auto cash 061-400676

IT'S THAT SIMPLE!

Employment

EMPLOYMENT CORNER DOMESTIC JOBS

Rita age 35 is looking for genera office assistant, messenge duties, general office cleaning job. Has experience and reference. Contact: 0813785693

Esmeralda 33 years of age is looking for cleaning, ironing, washing or any general office cleaning job. Has experience. Contact 0813032287

A 34 year old male, looking for any driving or construction job. I have Code C driving license with GP Certificate of Conduct. Basic First Aid, Occupational Basic First Aid, Occupational Health and Safety, Motor grader, Excavator, Bulldozer, forklift, Hydraulic Mobile Crane Certificates. Anywhere In Namibia. Contact: 0814024325

I am 35 years' old lady, live in Windhoek, Looking for domestic work full or part time a week. Call D817764800

I am Rauna Ileka, a 37 years' old lady looking for domestic work around Windhoek (only white people) Contact: 0813522592 or 0812320385

I am 35 years' old lady, live in Windhoek, Looking for domestic work full or part time a week Call 0817764800

Laina Namukwambi is looking for a job for cleaning office or house, ironing, washing. Everyone that need me my service. Contact 0813556030.





Radiology cc is an equal opportunity employer and invites proactive. professional, caring, ethical person to apply for the following positions

Position: MRI & CT Radiographer

Qualifications. Skills, Competencies and Experience **Requirements:**

Bachelor of Medical Imaging. • Minimum 4 years

- experience as a Radiographer
- Valid license to practice the profession, must be registered with HPCNA. Namibian citizen or

eligible to work within Namibia

Should you meet the above-mentioned requirements, kindly submit your CV and all certified supporting documents at the Human Resource Department, Ondangwa Private Hospital, P.O. Box 2775 Ondangwa or forward them via e-mail to recruitment@oph.com.na

Closing Date: 24 February 2023



Conservation **Programs Manager**

Required experience of min. 5 years: Elephant

behavior, elephant conservation, humanelephant conflict

- management Community work Project management (budgets, reporting,
- coordination) Proven track record of successful
- fundraising, grant and donor management Field research and
- data management Guiding with
 - international tourists

Required skills /

qualification - Excellent English and German literacy **FGASA Field Guiding** Qualification

Advanced skills using graphic design programs Adobe InDesign, Illustrator,

Lightroom, Photoshop

· Provide admin services VISA Applications Company secretarial services Open / close office as per

Employment

Val & Sons

General Trading (pty) Ltd

ADMINISTRATIVE

MANAGER Duty Station: WINDHOEK

Oversee, undertake

managerial and

administrative, clerical,

accounting tasks. Manage calls / written

correspondences Perform bookkeeping tasks; vat/SSC/Paye

business hours
Supervise secure business premises, staff

Duties:

- Minimum requirements: Diploma or Certificate in Business administration
 - and accounting Minimum 3 years' experience • Grade 12 or MATRIC

Experience and Skills: Must be computer literate

(MS Office) Communication organizational & Time management • Must be self-motivated &

results oriented Other:

Must be Namibian Citizen Send CV's and

accompanying qualifications to valerymessi@yahoo.fr Only shortlisted candidates will be contacted. After 30 days consider applicati unsuccessful.

CLOSING DATE: APRIL 30TH 2023

Notices

REPUBLIC OF NAMIBIA

MINISTRY OF

TRADE, LIQUOR ACT, 1998 NOTICE OF APPLICATION TO A COMMITTEE IN TERMS OF THE LIQUOR ACT, 1998 (regulations 14, 26 & 33)

Notice is given that an application in terms of the Liquor Act, 1998, particulars of which appear below, will be made to the Regional Liquor

Licensing Committee, Region OSHHIKOTO 1. Name and postal address of applicant,

IMMANUEL ARUUNDA P.O BOX 744 ONDANGWA

NAMIBIA 2. Name of business or proposed Business to which applicant relates OMZEE BAR

3. Address/Location of premises which Application relates: ONGUMA VILLAGE, ONIIPA 4 Nature and details of a

SPECIAL LIQUOR LICENCE of the court with Application will be lodged: ONDANGWA MAGISTRATE

6 Date or

CALL FOR PUBLIC

EXPLORATION ON EPL 8650 This notice serves to inform all interested and affected parties that an application for HOUSE TO RENT IN KHOMASDAL 3 Bedroomed house, 2 bathrooms to rent in Khomasdal and garage Available 1" of March 2023. NS7,000.00 water included, Deposit required, with negotiable payment. Contact Arthur 0812859631

Excellent 4x4 driving skills Driver's license and

first aid qualification Deadline: 03.03.2023

Contact:

7 Date of meeting of Committee at Which application will be heard: 12 APRIL 2023 Any objection or written submission in terms of section 28 of the Act in In terms of section 28 of the Act in relation to the applicant must be sent or delivered to the Secretary of the Committee to reach the Secretary not less than 21 days before the date of the meeting of the Committee at which the application will be heard. rachel@ehranamibia.org

28 FEBRUARY 2023

ERF 1504, INDEPENCE AVENUE, WINDHOEK
4. Nature and details of application:
SPECIAL LIQUOR LICENCE
5. Clerk of the court with whom Application will be lodged:
WINDHOEK MAGISTRAT COURT
6. Date on which application will be Lodged:
01 MARCH 2023
7 Date of meeting of Committee at Which application will be heard:
12 APPIL 2023
Any objection or written submission in terms of section 28 of the Act in relation
to the applicant must be sent or delivered to the Secretary of the Committee to
reach the Secretary not less than 21 days before the date of the meeting of Committee at which the application will be heard.







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Fax: (061) 220 584

Email: classifieds@nepc.com

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To avoid disappointment of an advertisement not appearing on the date you wish, please book timeously • Classifieds smalls and notices: 12:00, two working days prior to placing • Cancellations and alterations: 16:00, two days before date of publication in writing only

Notices

Notices (VAT Inclusive) Legal Notice N\$460.00 Lost Land Title N\$575.00 Liquot License N\$460.00 Name Change N\$460.00 Birthdays from N\$200.00 Death Notices from N\$200.00 Tombstone Iluveiling from **Tombstone Unveiling from** N\$200.00

Thank You Messages from N\$200.00 Terms and Conditions Apply.

DO YOU URGENTLY NEED CASH?

Park your car and get up to 45% of it's value! Cash in your account in 30 min! No payslip, no bank statement just the carl Auto 061-400676 to cash

IT'S THAT SIMPLE!

Employment

Offered

DENTAL PRACTICE looking for 2 Dental Therapist who have 5

years' or more experience and are registered with HPCN. Please send in your CVs to Lafrenzdental@gmail.

com VACANCY

Position: Medical Practitioner

Location: Ondanowa Company: St. John

Medical Centre Requirement: Registered

with the Health Professions Council of Namibia as a medical practitioner, Ability to work independently.

Interested candidates to kindly send their documents to : admin@

stiohnmedicalcentre.com

Property

ERF FOR SALE at Omdel Ext 2 Henties Bay, price on request and negotiab contact 0811222091 or

BLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL EXPLORATION ON EPL 8650

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Consulting Mr. S. Andjamba Email: public@impalac.com, Tel: 0856630598

IMPALA

CALL FOR PUBLIC PARTICIPATION ENVIRONMENTAL IMPACT ASSESSMENT FOR MINERAL EXPLORATION **ON EPL 8291**

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Impala Environmental Consulting Mr. S. Andiamba Email: public@impalac.com, Tel: 0856630598

IMPALA

PRICE INCREASE

LIOUOR LICENSE NOTICE N\$460-00 including VAT

SURNAME CHANGE NOTICE N\$460-00 including VAT

NS2500 Duration 2 mo A+ PC Technician

Physical Science, Geography, Biology, and Business Studies. Registration Fee: N\$250 Tuition Fee: N\$280 per subject per

0812792365.

LATE ESTATE NOTICE N\$575-00 including VAT

> LOST LAND TITLE NOTICE N\$460-00 including VAT

EFFECTIVE AS FROM JANUARY 2023 N+ Network Technician If Systems Support (Server/Network Technician) Fees I\$2500 - 2 months Tel 061 232652 Cell/min 0011401404 Infl@riverhighernstitute.edu.ne or danny@mweb.com.ne visit: N0 17 Faraday Street Ausspannplats windhoek Certificate will be issued after completion Windhoek, Ondangwa and Wolvisboy

rees N\$2500

month x 10. Register for the exams with us Excellent Teacher

Tel: + 264 61 232 652 Celi: +264 81 659 2581, Email: saintmonica@africaonline.c om.naVisit No. 12 Sauerstrasse Windhoek North (Next to Monitronics)





Mr. Ndaluka Amutenya

- 1. Proposed Position: Environmental Coordinator
- 2. Name of Firm: Impala Environmental Consulting
- 3. Name of Staff: Ndaluka Amutenya
- 4. Nationality: Namibian
- 5. Education: Bachelor of Technology, Chemical Engineering,

University of South Africa, 2020

- Bachelor of Science, Chemistry Major and Geology Minor, University of Namibia, 2012
- Namibia Senior Secondary Certificate (NSSC), Otjikoto Senior Secondary School, 2008
- Membership of Professional Associations:
 None
- 7. Other Training: None.
- 8. Countries of Work Experience: Namibia

| 9. Languages: | | | Speaking | Readin | g Wr | iting |
|---------------|--|-----------------------------------|----------------------|--------|--------------------------------|--------------------------------|
| | | English Afrikaans Oshiwambo | Exce Exce Exce | llent | Excellent Good Excellent | Excellent Good Excellent |

10 Employment Record:

| From: | 2019 to Present Employer: Positions held: | Impala Environmental Consulting Environmental Assessment Practioner |
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| From: | 2015 to 2018 Employer: | Tschudi Copper Mine |
| | Positions held: | Chemist |
| From: | 2013 to 2015 Employer: Positions held: | Heat Exchange Products (Water Treatment) Water Treatment Specialist |

| 11. Detailed Tasks Assigned | 12. Past Projects Undertaken |
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| Project Local Consultant Client Liaison | Name of assignment or project: Catchment Management Plan for the swakoppoort dam namibia Year: 2020 Location: Okahandja, Namibia. Client: Namwater |

| • | Water Sampling and Reporting Project Management Project Supervision | Main project features: Catchment Management Plan for the Swakoppoort Dam. Positions held: Local Consultant Activities performed: Water Sampling, logistics, site inspections and report writing. |
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| • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for the Development of a Tantalite Mine, Southern Namibia. Year: 2020 Location: Warmbad, Karas Region Client: Orange River Pegmatite (Pty) Ltd Main project features: Environmental Management Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Participation, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production. |
| • • • • • • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Proposed Development of A Medical Tourism University Hospital In Henties Bay Year: 2020 Location: Henties Bay, Erongo Region Client: Franco Civil Engineeering Cc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production. |
| • • • • • • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for the Development of a Marble Mine. Year: 2020 Location: 10 km north of Karibib Client: Sunsand Investments (Pty) Ltd Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production. |
| ••••• | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Dimension Stone Quarrying Activities on Mining Claims 71816, 71817, 71818, 71819, 71820, 71821, 71822, 71823, 71824, And 71825. Year: 2020 Location: 40 km northwest of Arandis Client: Rockstar Mining cc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production. |

| • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Sand Mining Activities on Mining Claim 72027 Year: 2020 Location: 30 km North of Ongwediva Client: Comitx Investments Group CC Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
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| • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Mineral Exploration Activities on EPL 6408 Year: 2020 Location: 5 km south of Karibib Client: Antler Gold Inc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
| • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Dimension Stone Quarrying Activities on Mining Claims 71896-71900 Year: 2020 Location: 15 km north of Karibib Client: Triple Tas Trading cc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Repo Writing, Public Meetings, Site Inspections, Stakeholde Engagement, Specialist Study Inputs and Map production |
| • | Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Mineral Exploration on EPL 7930 Year: 2020 Location: 40 km northwest of Karibib Client: Antler Gold Inc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
| • | Project Leader Client Liaison Public Participation | Name of assignment or project: Environmental Impact Assessment for Dimension Stone Quarrying Activities on |

| • Pr | eport Writing oject Management oject Supervision | Mining Claims 72100, 72101, 72102, 72103, 72104, 72105 And 72106 Year: 2020 Location: 40 km northeast of Arandis Client: Tala Mining cc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
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| Cli Pu Re Pr | oject Leader ent Liaison Iblic Participation oport Writing oject Management oject Supervision | Name of assignment or project: Environmental Impact Assessment for Mineral Exploration on EPL 5702 Year: 2020 Location: 30 km South of Kamanjab Client: Emor Mining (Pty) Ltd Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
| Cli Pu Re Pr | oject Leader ent Liaison iblic Participation eport Writing oject Management oject Supervision | Name of assignment or project: Environmental Impact Assessment for the Development of a Lodge in the Daures Conservancy Area. Year: 2019 Location: 50-80 km northwest of UIS Client: !U-#Gab Ams Investment cc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
| Cli Pu Re Pr | oject Leader ent Liaison ablic Participation eport Writing oject Management oject Supervision | Name of assignment or project: Eia For the Proposed Establishment of a Service Station on Erf 4121, Khorixas Year: 2019 Location: Khorixas Client: Noabeb's Trading Enterprises cc Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |
| Cli Pu Re Pr | oject Leader ent Liaison Iblic Participation eport Writing oject Management oject Supervision | Name of assignment or project: Environmental Impact Assessment on dimension stone and industrial mineral quarrying activities on mining claims 71227 and 71228. Year: 2019 Location: 10 km south of Omaruru Client: Hiku Poultry and Trading CC Main project features: Environmental Impact Assessment. |

| | Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production. |
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| Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Mineral Exploration Activities on Epl 5818, Central Namibia Year: 2019 Location: 40 km east of Khorixas Client: Gravity Empire Investments (Pty) Ltd Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production. |
| Project Leader Client Liaison Public Participation Report Writing Project Management Project Supervision | Name of assignment or project: Environmental Impact Assessment for Mineral Exploration on Epl 6374 Year: 2019 Location: 50 km South of Opuwo Client: Nami Geological Techniques (Pty) Main project features: Environmental Impact Assessment. Positions held: Lead Consultant Activities performed: Project Management, Report Writing, Public Meetings, Site Inspections, Stakeholder Engagement, Specialist Study Inputs and Map production |