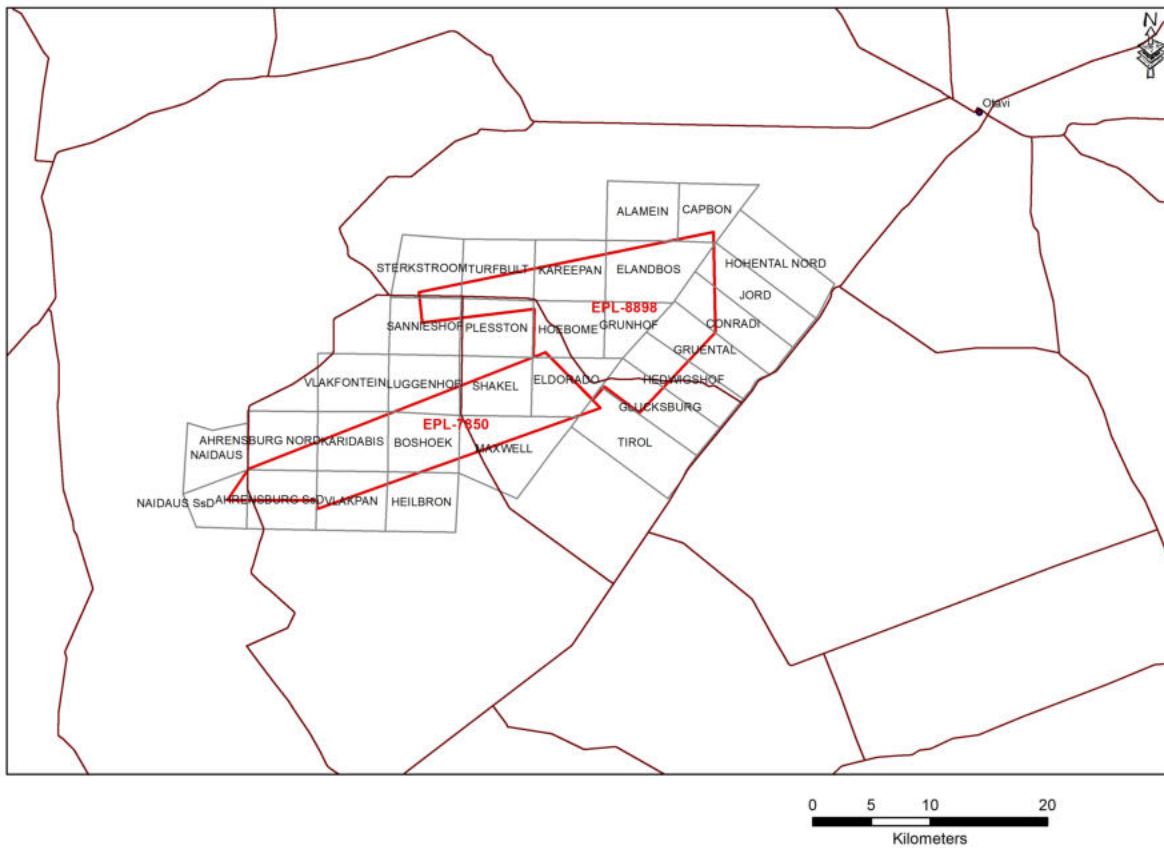




BACKGROUND INFORMATION DOCUMENT

Environmental Impact Assessment for the Proposed Exploration Activities of Base and Rare Metals, Industrial Minerals, Precious Metal On Exclusive Prospecting Licenses 7850 & 8898 Between Otavi and Otjiwarongo, Otjozondjupa Region



DOCUMENT INFORMATION

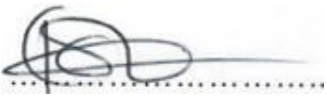
DOCUMENT STATUS	FINAL
PROJECT TITLE	Environmental Impact Assessment for the Proposed Exploration Activities of Base and Rare Metals, Industrial Minerals, Precious Metal On Exclusive Prospecting Licenses 7850 & 8898
CLIENT / PROPONENT	EPL 7850: Mr. Linus Fredrick Nambili EPL 8898 Mr. Julius Nyerere Namoloh
LOCATION	Between Otavi and Otjiwarongo, Otjozondjupa Region
DATE	20 November 2023
AUTHOR:	Mr. Ipeinge Mundjulu Red-Dune Consulting CC 
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Executive Summary

The proponents, Mr. Linus Nambili Frederick and Mr. Julius Nyerere Namoloh, owns the Exploration Prospecting Licenses (EPLs) 7850 and 8898 as per the Mineral Resource Act 1992 respectively. The EPLs are located about 60 kilometres north of Otjiwarongo and about 30km north of Otavi in Otjozondjupa Region. The proponents intends to carry out exploration activities of Base and Rare Metals, Industrial and Precious Metals on the EPLs.

The purpose of this document is to outline a brief background information on the proposed exploration activities on the EPLs and to invite public, stakeholders, interested and affected parties (I&APs) to register, to be part of the planned an inclusive environmental impact assessment as per the Environmental Management Act 2007 (Act No. 7 of 2007) (EMA).

It is our intention to distribute this BID to all stakeholders and gather all necessary and valuable information that will eventually lead to an informed decision by the Environment Commissioner. To enhance our outreach, we strongly believe that, after advertising this project into two daily newspapers that are widely circulated in the country, many interested and affected parties will register to provide input and ask for clarity. The farm owners are encouraged to share this BID with their affected neighbours and attend a public as outlined in the document.

1. Introduction

1.1. The Proponent

Mr. Linus Nambili Frederick and Mr. Julius Nyerere Namoloh, are Namibian citizen who owns mineral Exploration Prospecting Licenses (EPLs) 7850 and 8898 respectively in accordance with the Minerals (Prospecting and Mining) Act 33 of 1992. They intent to carry out exploration activities of Base and Rare Metals, Industrial and Precious Metals on the EPLs.

1.2. Statutory Requirements

The protection of the environment is provided for under Article 95(1) of the Namibia Constitution¹ and the Environmental Management Act 2007 (Act No 7 of 2007) (EMA).

In accordance with the Environmental Impact Assessment Regulation Government Gazette of 6 February 2012 No. 4878, of EMA, the proposed exploration activity is a listed activity that may not be under taken without an Environmental Clearance Certificate (ECC) (Table 1).

Table 1. Identified listed activities concerning the proposed project.

Activity	Applicability
3.1 The construction of facilities for any process or activities which requires a license, right or other form of authorization, and the renewal of a license, right or other form of authorization, in terms of the Minerals (Prospecting and Mining Act), 1992.	The projects includes the prospecting of mineral.
3.2 Other forms of mining or extraction of any natural resources whether regulated by law or not.	Mining activities shall involve, drilling and digging to extract natural resource.

¹ Article 95(1) of the Constitution of Namibia states that: “*The State shall actively promote and maintain the welfare of the people by adopting policies aimed at the maintenance of ecosystems, essential ecological processes and biological diversity of Namibia and utilization of living natural resources on a sustainable basis for the benefit of all Namibians, both present and future*”

3.3 Resource extraction, manipulation, conservation and related activities.	The project shall extract resource sample for manipulations / analysis.
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It is against the above background that the proponents appointed Red-Dune Consulting CC (RDC) to carry out an environmental impact assessment for the proposed exploration activities as per the provisions of EMA.

As an important part of the Environmental Impact Assessment (EIA), this BID is distributed to you as an identified potential stakeholder or a registered I&APs to inform you about the environmental impact assessment that will follow and your participation.

Our client is the Environment. As natural resource managers, we strive to pursue mechanisms that protects and preserve the environment while optimizing maximum economic and social benefit of the people. Our endeavour is to strike a sustainable balance for the co-existence of development and environment. Against this background you, the scholar, activist, resident, interested party are urged to be objective and practical in your contribution towards this environmental impact assessment.

2. Project Description

2.1. Location

The EPLs are located about 60 kilometres north of Otjiwarongo and about 30km north of Otavi in Otjozondjupa Region at B2GOLD mine areas.

EPL 7850 is located at coordinates (-19.893447°S, 16.895574°E), Figure 1, Table 2. It measures 15729.44 hectares (ha) and cover farms Ahrensburg Sued 86, Ahrensburg Nord 79, Vlakpan 85, Karidabis 80, Heilbronn 84, Boshhoek 81, Maxwell 82, Juggenhof 76, Shakel 75, Eldorado 74, Tirol 560, Hoebome 72, Naidaus, South 382.

Table 2. EPL7850 Coordinates

Point	Latitude	Longitude
1	-19.830833°S	16.991961°E
2	-19.872778°S	17.036961°E
3	-19.953056°S	16.807222°E
4	-19.947017°S	16.748457°E
5	-19.922944°S	16.751406°E

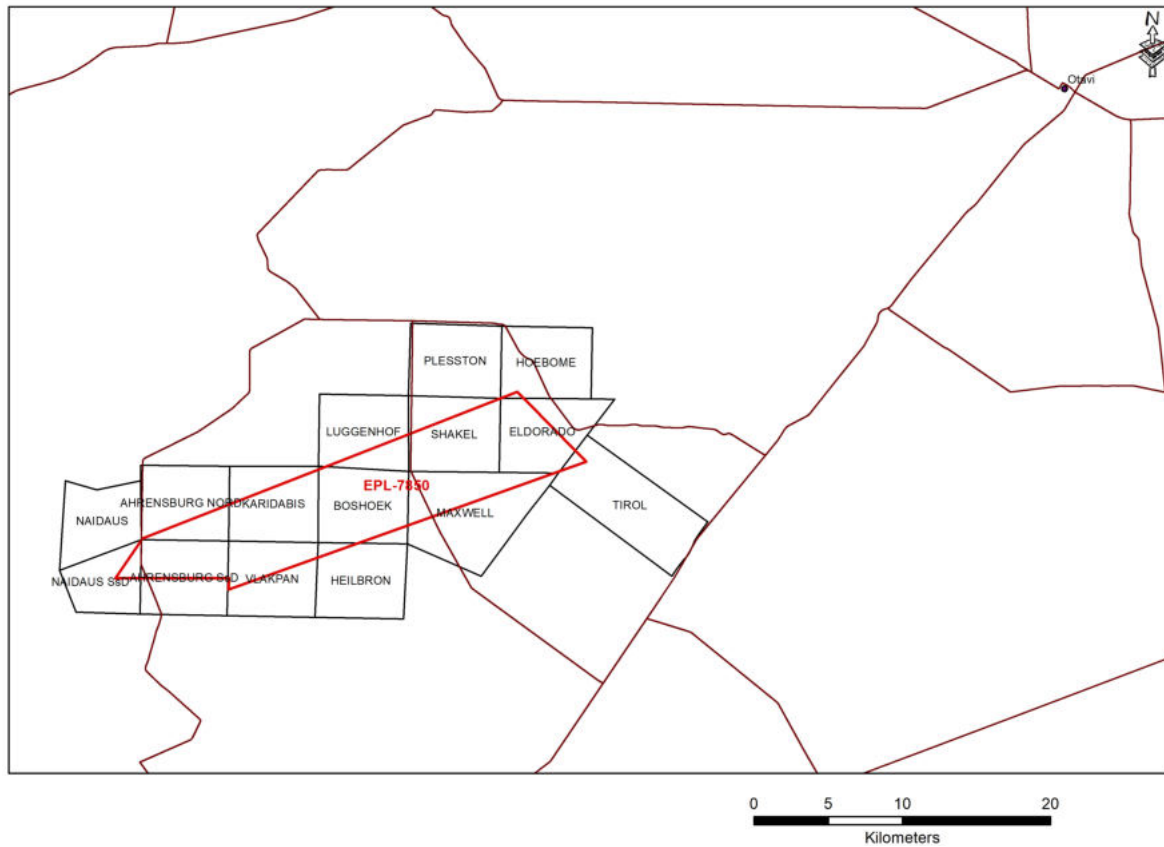


Figure 1. Location of EPL 7850

EPL 8898 is located at coordinates (-19.815777°S, 17.023955° °E). Figure 2 table 3. It measures 19836.0052 hectares (ha) and cover farms Eldorado 74, Tirol 560, Hoebome 72, Elandbos 66, Gluecksburg 559, Gruenthal 557, Hedwigshof 558, Conradi 556, Capbon 65, Plesston 71, Sannleshof 70, Karrepan 1241, Hoebome 72, Turbult 68, Sterktroom 385, Gruenhof 73, Jord 555.

Table 3. EPL 8898 Coordinates

Order	Lat Deg	Long Deg
1.	-19.737158°	17.127584°
2.	-19.814053°	17.130504°
3.	-19.876584°	17.069427°
4.	-19.856551°	17.040442°
5.	-19.866941°	17.031397°
6.	-19.831143°	16.991469°
7.	-19.834570°	16.982456°
8.	-19.797576°	16.982643°
9.	-19.809007°	16.891734°
10.	-19.786354°	16.888940°



Figure 2. Location of EPL 8898

2.2. Site description

The EPL surround covers portions of commercial farms where land use is mainly agriculture, of which cattle farming is prominent. The areas has four active mining license, about 15km east of the EPL is the famous B2GOLD mine (see **Figure 3 below**). Detailed description of the affected environment shall be contained in the scoping report to follow.

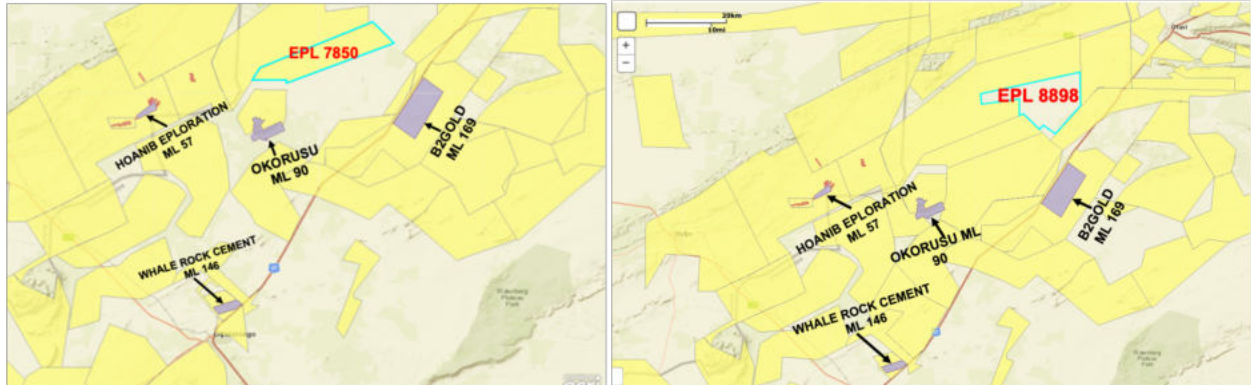


Figure 3. Description of the surrounding environment

2.3. Proposed Exploration Activities

The proposed exploration would adopt various prospecting methods for Base and Rare Metals, Industrial and Precious Metals on the EPL as follows;

- Reconnaissance field mapping
- Geochemical soil sampling and target generation
- Geophysical ground surveys (magnetics, electromagnetics, gravity)
- Diamond/RC Drilling of geophysical target

The above activities will be undertaken in phases as explained below.

2.3.1. Phase 1. Non-Invasive Exploration

The initial phase of prospecting and exploration involves non-invasive work. These activities do not cause physical damage to the environment. These activities include analysis of historical data,

geological maps and their interpretations. Analysis of these data would generate geophysical targets where evasive exploration would take place.

2.3.2. Phase 2. Evasive Exploration

The second phase of exploration would include geophysical activities for comprehensive geochemical sampling. During this phase, collection of geochemical samples from holes of less than 1m and drilling shall take place. Drilling operation will use existing roads and tracks as much as possible in order to limit the footprint at generated targets.

If necessary, a base camp for accommodation will be set up. A garbage dump and pit toilet may be established when necessary. No hazardous waste shall be dumped in a garbage dump. An impermeable special skip container will be on site for collecting hazardous waste (oil cans etc.). The toilet pits and garbage dump will be dump filled before leaving the site. Servicing of vehicles will take place at designated area in the camp to ensure potential oil, fuel, and lubricants do not pollute the environment.

2.4. Equipment

The following equipment will be used during the exploration phase.

- 4X4 vehicles
- Drill Rigs
- Water Truck
- Bulldozer (When necessary)
- Fixed Wing Plane (When necessary) and,
- Camping equipment

3. Potential Environmental Impacts

Environmental Impact Assessment (EIA) is a process that evaluates the potential impact of the project on the biophysical and socio-economic environment. The EIA study will aim to reduce the potential impact by developing an Environmental Management Plan (EMP) that will have practical mitigation measures to avoid the impact or minimize the impact to acceptable or insignificant levels.

The potential environmental impact of the proposed exploration includes;

Soil and Ground Water pollution: Fuel, Oil, and Lubricants spillages

Drilling activities: Dust creation, noise and wild life disturbances and spill of Hydraulic Fluids,

Biodiversity Loss, clearing of vegetation to make way for vehicles, camping sites and drilling.

Human Health & Safety Risk: Dust from drilling, accidents and Sanitation

Human Wildlife conflict and Poaching

Land Degradation: Off-road driving

Pollutions: Solid waste generated by workers, ablution facilities.

4. The EIA Process

The Namibia EIA process is explained in the EIA regulation 2012, GRN Gazette No. 4878. The process is shown in figure 2.

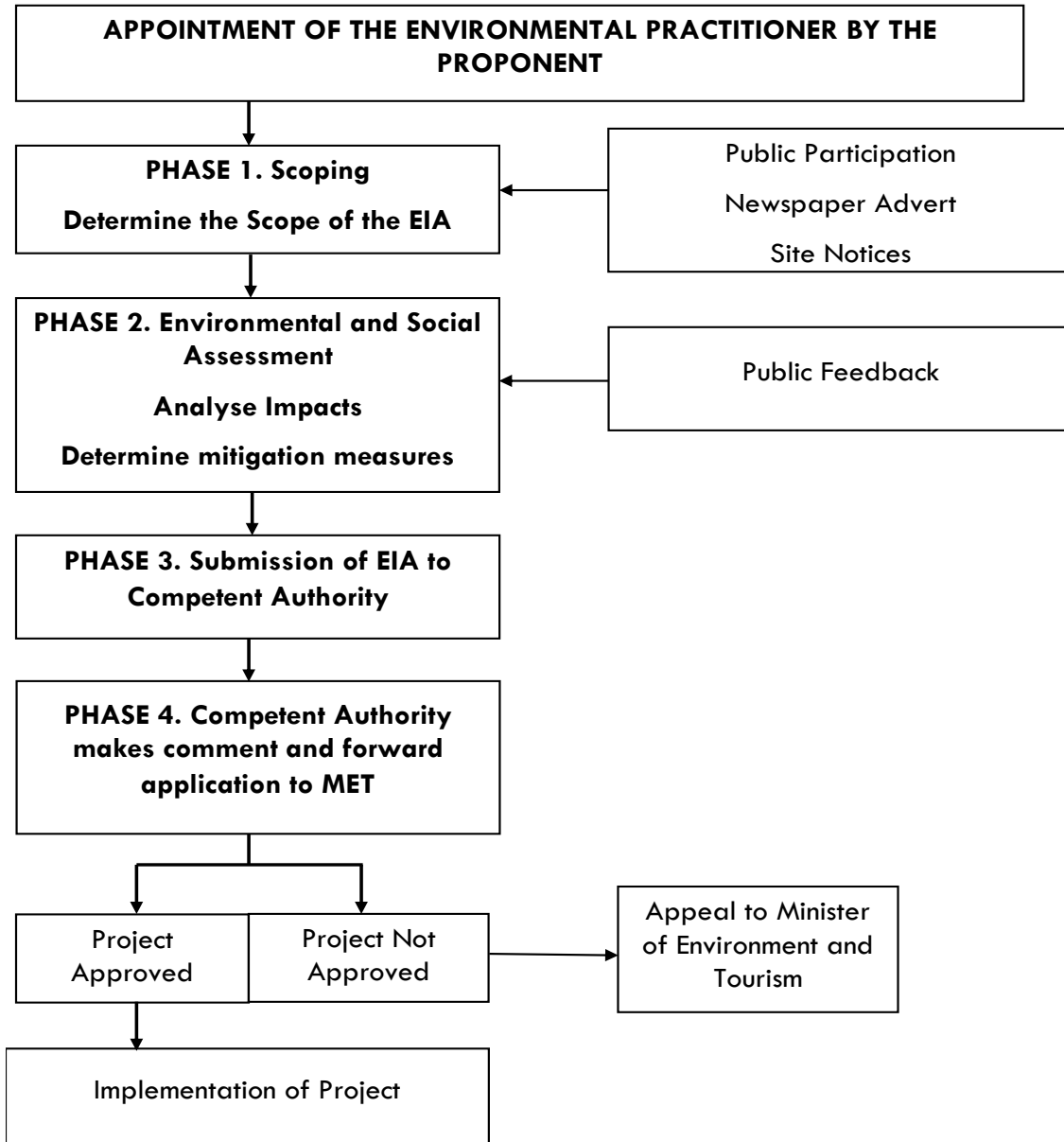


Figure 4. The EIA process in Namibia

5. Terms of Reference

The scope of the EIA is guided by this Terms of References as provided for in the EIA Regulation 2012, Section 9 (a-b) but, not limited to the following;

- Provide a comprehensive description of the proposed Project;
- Identify relevant legislation and guidelines for the project;
- Identify potential environmental (physical, biological and social) conditions of the project location and conduct risk assessment;
- Inform Interested and Affected Parties (I&APs) and relevant authorities about the proposed project to enable their participation and contribution;
- Develop an Environmental Management (EMP) that would be a legal guideline for the environmental protection by the project

6. Public Consultation

The public consultation process will follow the statutory requirement as outlined in the Environmental Management Act Regulation 2012 under Section 21. (<http://www.met.gov.na/downloads/>). The public meeting is arranged as follows;

Public meeting:

Date: 24 November 2023
Place and Venue: Khorab Lodge Namibia, Otavi
Time: 10:00 – 16:00

7. How to participate in the EIA Process

The public and, especially farm owners that are affected by the proposed exploration activities are urged to participate. The farmers are urged to attend a public meeting and comment on how the project shall affect them and their environment.

It is important to note that, your participation is critical for good governance and robust decision by the office of the Environmental Commissioner. We welcome criticism and suggestion towards achieving sustainable developmental goals while ensuring environmental protection.

8. Registration as an Interested and Affected Party

You, as an Interested and Affected Party (I&AP) are urged to register and submit your comment on or before 29 December 2023 using the comment form below and send to the following address;

Name of Consultancy : Red-Dune Consulting CC
Email : [reddunes18@gmail.com](mailto:redunes18@gmail.com)
Postal Address : P O Box 27623, Windhoek
Cell : +264 81 147 7889

COMMENT FORM

Environmental Impact Assessment for the Proposed Exploration Activities of Base and Rare Metals, Industrial Minerals, Precious Metal On Exclusive Prospecting Licenses 7850 and 8898 at Between Otjiwarongo and Otavi Area, Otjozondjupa Region

Date		Time	
Particulars of I&APs			
Surname		Initials	
First Name (s)		Tel/Cell	
Organisation		Postal Address	
Email		Postal Code	
Town			

What is your area of interest in the proposed Project?

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Kindly write your comment, Concerns, Recommendations and Questions below.

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