

Environmental Management Plan (EMP) for Proposed Prospective and Exploration Activities on Exclusive Prospecting Licence (EPL) No. 8492 located within Okongwe settlement, Erongo Region, Namibia

# ECC Application Reference No.: APP-00684

# **Document Version: Draft**

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## **1 INTRODUCTION**

## 1.1 Project Background

Margreth Scholastica Utete De Jesus (hereinafter referred to as the Proponent) has applied to the Ministry of Mines and Energy (MME) for the Exclusive Prospecting Licence (EPL) No. 8492 on 17<sup>th</sup> November 2020. However, the approval and granting of the EPL requires an Environmental Clearance Certificate (ECC), before any proposed prospecting and exploration works commence.

EPL 8492 is located within Okongwe Settlement (**Figure 1**) and covers an area of 12 983.9011 ha in size. The EPL falls within the Otjihorongo reserve (**Figure 2**).

The target commodities for prospecting and exploration are Base and Rare Metals, Dimension stones, Industrial Minerals, and Precious Metals.

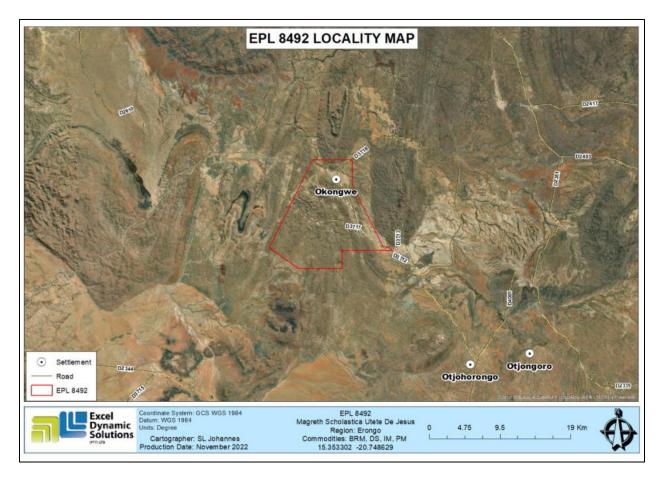


Figure 1: Locality for EPL No. 8492

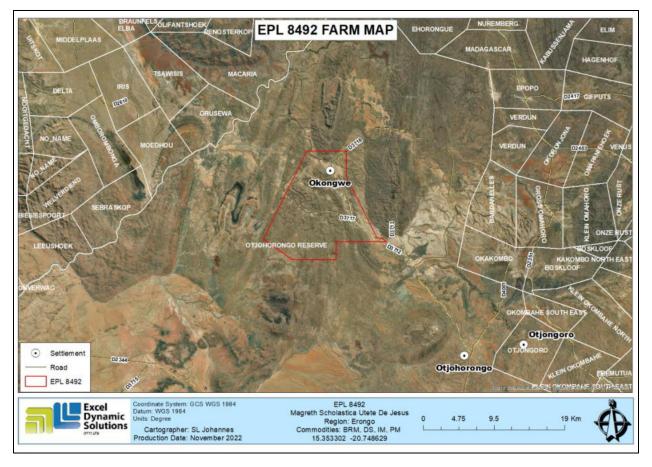


Figure 2: Land use (affected and neighboring farms) for EPL No.8492.

According to Section 27 (1) of the Environmental Management Act (EMA), No. 7 of 2007, and in line with Sections 32-37 of the EMA as gazetted in 2012, the proposed prospecting and exploration activities on EPL 8492 form part of the listed activities that may not be conducted without an EIA undertaken. The relevant listed activities as per EIA regulations are:

- 3.1 The construction of facilities for any process or activities which requires a license, the right of other forms of authorization, and the renewal of a license, right or other forms of authorization, in terms of the Minerals (Prospecting and Mining Act, 1992).
- 3.2 Other forms of mining or extraction of any natural resources whether regulated by law or not.
- 3.3 Resource extraction, manipulation, conservation, and related activities.

This statutory document has been prepared as per requirement in accordance with Section 8 of the EMA (No. 7 of 2007). The compilation of this EMP is one of the requirements (scope of work)

presented to Excel Dynamic Solutions (Pty) Ltd by The Proponent. It is required of the Environmental Consultant to comply with the EMA and provide for the following:

- Prepare an explicit Environmental Management Plan to be used as a guideline to monitor compliance with the recommendations stipulated in the EIA and to assist in managing and monitoring activities throughout the exploration and maintenance of the proposed exploration activities and sites on the EPL.
- The Environmental Consultant must elucidate in the EMP the roles and responsibilities of the Proponent, the contractors, and any other identified stakeholders.

## **1.2** Aim of the Draft Environmental Management (EMP)

Regulation 8(j) of the EIA Regulations (2012) requires that a draft Environmental Management Plan (EMP) shall be included as part of the Environmental Assessment (EA). A '**Management Plan**' is defined as:

"...a plan that describes how activities that may have significant environments effects on the environment are to be mitigated, controlled and monitored."

An EMP is one of the most important outputs of the EA process. It synthesizes all the proposed management & mitigation and monitoring actions, set to a timeline and with specific assigned responsibilities. It provides a link between the impacts identified in the EA process and the required mitigation measures to be implemented during exploration. It is important to note that an EMP is a statutory document and a person who contravenes the provisions of this EMP may face imprisonment and/or a fine. This EMP is a living document and can be amended to adapt to addressing project changes and/or environmental conditions and feedback from compliance monitoring.

The purpose of this document is, therefore, to guide environmental management throughout the different phases of the proposed exploration activities, namely: planning, prospecting & exploration, and decommissioning & rehabilitation phase:

• **Planning phase** - This is the stage of the proposed project during which the Proponent prepares all the administrative and technical requirements needed for the actual works on the ground. Planning includes things like obtaining the necessary permitting and authorization from relevant national and local stakeholders (such as affected parties),

facilitating the recruitment and procurement processes, etc., in preparation for the exploration activities (and site maintenance).

- Prospecting and Exploration phase This is the phase where the Proponent will do
  prospecting and exploration activities for the targeted commodities groups and undertake
  related activities on site. It is also the phase during which maintenance of the area,
  equipment, and machinery is done by the Proponent.
- Decommissioning and Rehabilitation This is the phase during which the exploration activities on the EPL cease. The decommissioning of the EPL exploration activities may be considered because of poor results or declining in the focus commodity market price. Before the decommissioning phase, The Proponent will need to put site rehabilitation measures in place.

*Environmental Monitoring Requirements*: To support and ensure that the proposed mitigation measures are achieving the desired results, a monitoring plan must be implemented alongside the mitigation plan.

This draft EMP will be used by the Proponent, employees, and/or contractors to provide management measures to be undertaken during mining activities, to address the environmental impacts identified in the scoping report, and ensure that the impacts on the environment are avoided or limited if they cannot be avoided completely.

## **1.3 Appointed Environmental Assessment Practitioner**

To fulfill the requirements of the EMA and its 2012 EIA Regulations, the Proponent appointed Excel Dynamic Solutions (Pty) Ltd (EDS), an independent consultant, to conduct the required EA process on their (Proponent's) behalf. This EMP is submitted as part of an application for the proposed exploration method on the EPL to the Environmental Commissioner at the Department of Environmental Affairs and Forestry (DEAF), at the Ministry of Environment, Forestry and Tourism (MEFT).

## **1.4 Environmental Assessment Legal Requirements**

The content of the EMP must meet the requirements of Section 8 (j) of the EIA Regulations. The EMP must address the potential environmental impacts of the prospecting and exploration activities on the environment throughout the project life cycle. It must also include a system for assessment of the effectiveness of monitoring and management arrangements after project implementation.

The Proponent, therefore, has the responsibility to ensure that the exploration activities, as well as the EA process, conform to the principles of the EMA, and must ensure that employees act in accordance with such principles. **Table 1** below outlines the requirements of an EMP as stipulated by Section 8(e) of the EIA Regulations, primarily on specific approvals and permits that may be required for the activities required of the EPL.

| Legislation/Policy/ Guideline  | Relevant Provisions  | Implications for this project   |  |  |
|--|--|---|--|--|
| Environmental Management Act<br>EMA (No 7 of 2007)                         | Requires that projects with<br>significant environmental<br>impacts are subject to an<br>environmental assessment<br>process (Section 27).<br>Details principles that are to<br>guide all EIAs.  | The EMA and its regulations should inform<br>and guide this EA process.<br>Should the ECC be issued to the Proponent,<br>it should be renewed every 3 years,<br>counting from the date of issue.      |  |  |
| Environmental Impact<br>Assessment (EIA) Regulations<br>GN 28-30 (GG 4878) | Details requirements for public<br>consultation within a given<br>environmental assessment<br>process (GN 30 S21).<br>Details the requirements for what<br>should be included in a Scoping<br>Report (GN 30 S8) and an<br>Assessment Report (GN 30<br>S15).  | Office of the Environmental<br>Commissioner<br>Tel: +264 61 284 2701  |  |  |
| Minerals (Prospecting and<br>Mining)<br>Act (No. 33 of 1992)               | Section 48 (3): To enable the<br>Minister to consider any<br>application referred to in section<br>47 the Minister may (b) require<br>the person concerned by notice<br>in writing to (i) carry out or cause<br>to be carried out such<br>environmental impact studies as<br>may be specified in the notice.<br>Section 54(2): details provisions<br>of the decommissioning or<br>abandonment of a mine. | The Proponent should ensure that all<br>necessary permits/authorization for these<br>EPL are obtained from the Ministry of Mines<br>and Energy (MME).<br>Mining Commissioner<br>Tel: +264 61 284 8086 |  |  |

| Legislation/Policy/ Guideline    | Relevant Provisions                 | Implications for this project                  |
|----------------------------------|-------------------------------------|--|
|                                  | Under this Act (Section 51 (1a)),   | The Proponent should timely enter into         |
|                                  | the holder of a mineral license     | and sign an access and land use                |
|                                  | cannot exercise any rights on       | agreement (consent) with the respective        |
|                                  | private land until the holder has   | affected farm owners.                          |
|                                  | entered into an agreement with      |  |
|                                  | the owner regarding the payment     |  |
|                                  | of compensation                     |  |
| Petroleum Products and Energy    | Regulation 3(2)(b) states that      | The Proponent should obtain the necessary      |
| Act (No. 13 of 1990) Regulations | "No person shall possess or store   | authorisation from the MME for the storage     |
| (2001)                           |                                     | of fuel on-site.                               |
| (2001)                           | any fuel except under the           | of fuel off-site.                              |
|                                  | authority of a license or a         | Ministry of Mines and Energy: Director –       |
|                                  | certificate, excluding a person     | Petroleum Affairs                              |
|                                  | who possesses or stores such        | Tel: +264 61 284 8291                          |
|                                  | fuel in a quantity of 600 litres or |  |
|                                  | less in any container kept at a     |  |
|                                  | place outside a local authority     |  |
|                                  | area"                               |  |
| Forestry Act 12 of               | Prohibits the removal of any        | Should there be protected plant species,       |
| 2001, Amended Act 13 of 2005     | vegetation within 100 m from a      | which are known to occur within the project    |
|                                  | watercourse (Forestry Act S22       | site, these are required to be removed and     |
|                                  | (1)). The Act prohibits the         | a permit should be obtained from the           |
|                                  | removal of and transport of         | nearest Forestry office (Ministry of           |
|                                  | various protected plant species.    | Environment, Forestry and Tourism              |
|                                  |                                     | (MEFT)) before removing them.                  |
|                                  |                                     | Director of Forestry Division                  |
|                                  |                                     | Tel: +264 61 208 7320                          |
| National Heritage Act No. 76 of  | Call for the protection and         | Should there be any archaeological             |
| 1969                             | conservation of heritage            | material, such as bones, old                   |
|                                  | resources and artefacts.            | weapons/equipment, etc. found on the EPL       |
|                                  |                                     | site, work should stop immediately, and the    |
|                                  |                                     | National Heritage Council of Namibia must      |
|                                  |                                     | be informed as soon as possible. The           |
|                                  |                                     | Heritage Council will then decide to clear the |
|                                  |                                     | area or decide to conserve the site or         |
|                                  |                                     | material.                                      |
|                                  |                                     | Contact Details at National Heritage           |
|                                  |                                     | Council of Namibia                             |
|                                  |                                     |  |

| Legislation/Policy/ Guideline | Relevant Provisions | Implications for this project  |
|-------------------------------|---------------------|--|
|                               |                     | Regional Heritage Officer – National<br>Heritage Council of Namibia<br>Tel: (06) 301 903 |

## 1.5 Draft EMP Limitations

This EMP has been drafted with the acknowledgment of the following limitations:

- This EMP has been drafted based on the Environmental Assessment (EA) conducted for targeted prospecting and exploration activities for Base and Rare Metals, Dimension stones, Industrial Minerals, and Precious Metals on EPL 8492.
- The mitigation measures recommended in this EMP document are based on the risks/impacts in the ESA Report which were identified based on the project description as provided by the Proponent, site investigation, and public input. Should the scope of the proposed project change, the risks/impacts will have to be reassessed and mitigation measures provided accordingly.

## 2 EMP ROLES AND RESPONSIBILITIES

The Proponent is ultimately responsible for the implementation of the EMP. However, the Proponent may delegate this responsibility at any time, as they deem necessary during the project phases. The roles and responsibilities of all delegates/parties involved in the effective implementation of this EMP are set out below:

# 2.1 Competent Monitoring Authority: Department of Environmental Affairs and Forestry (DEAF, MEFT))

The DEAF is responsible for enforcing compliance with the EMA, its regulations, and the full implementation of this EMP. The competent authority also reviews biannual reports and grants ECC renewal after 3 years.

## 2.2 The Proponent or Proponent's Representative (PR)

If the Proponent does not personally manage all aspects and phases' activities referred to in this EMP, they should assign this responsibility to a suitably qualified individual referred to in this plan as the Proponent's Representative (PR). The PR may be appointed to manage all phases of the project or to manage only the EMP aspects of the project. The PR's responsibilities may include:

- Managing the implementation of this EMP and updating and maintaining it when necessary.
- Managing and monitoring of individuals and/ or equipment on-site in terms of compliance with this EMP.
- Issuing fines for contravening EMP provisions.

## 2.3 Exploration Manager (as appropriate)

This individual will be responsible to ensure that the exploration activities of the project are completed on time. The Manager's duties and responsibilities will include:

- Ensure that relevant commitments contained in the EMP Action Plans are adhered to.
- Ensure relevant staff is trained in procedures entailed in their duties.
- Maintain records of all relevant environmental documentation for the project.
- Reviewing the EMP annually and amending the document when necessary.
- Issuing fines to individuals who may be in breach of the EMP provision and if necessary, removing such individuals from the site.

- Cooperate with all relevant interested and affected parties/stakeholders.
- Development and management of schedules for daily activities.

## 2.4 Environmental Control Officer (ECO)

The Proponent may assign the responsibility of ensuring EMP compliance throughout the project life cycle to a designated member of staff or an external qualified and experienced person, referred to in this EMP as the Environmental Control Officer (ECO). The ECO will have the following responsibilities:

- Management and facilitation of communication between the Proponent, PR, and Interested and Affected Parties (I&APs) regarding this EMP.
- Conducting site inspections (recommended frequency is monthly or weekly as recommended – please refer to Table 3) of all areas with respect to the implementation of this EMP (monitor and audit the implementation of the EMP).
- Advising the PR on the removal of person(s) and/or equipment not complying with the provisions of this EMP.
- Making recommendations to the PR with respect to the issuing of fines for contraventions of the EMP.
- Undertaking an annual review of the EMP and recommending additions and/or changes to this document.
- Ensuring that the exploration activities on site are conducted in accordance with the International System Organization (ISO) standard 14001: 2015.

#### Archaeology: Chance Finds Procedure (CFP) Implementation Roles

The following personnel has been assigned responsibilities as per the Chance Finds procedure (Appendix 1):

- **Operator:** To exercise due caution if archaeological remains are found.
- Foreman: To secure the site and advise management timeously.
- **Superintendent**: To determine safe working boundaries and request inspection.
- Archaeologist: To inspect, identify, advise management, and recover remains.

The Proponent should assess these commitments in detail and should acknowledge their obligation to the specific management actions detailed in the Tables under the following sections.

## **3 ENVIRONMENTAL MANAGEMENT & MITIGATION MEASURES**

## 3.1 Management of Key Potential Adverse Environmental Impacts

From the assessment conducted, the following key potential negative impacts have been identified and are summarized below.

- Potential disturbance of grazing land areas,
- Physical land/soil disturbance
- Impact on local biodiversity (fauna and flora) and habitat disturbance and potential illegal wildlife hunting (poaching) in the area.
- Potential impact on water resources and soils particularly due to pollution,
- Air quality issue: potential dust generated from the project.
- Potential occupational health and safety risks
- Vehicular traffic safety and impact on services infrastructure such as local roads
- Vibrations and noise associated with drilling activities may be a nuisance to locals
- Environmental pollution (solid waste and wastewater)
- Archaeological and heritage resources impact
- Potential social nuisance and conflicts (theft, damage to properties, etc.).

## 3.2 Aim of the Environmental Management Action Plan

The management actions of the EMP aims to avoid the potential negative impacts, where possible. Where impacts cannot be avoided, measures are provided to reduce the significance of these impacts.

Management actions recommended for the potential impacts rated in the ESA carried out for the prospecting and exploration activities were based on the following project stages (phases):

- Planning, Prospecting, and Exploration (and site maintenance) phases (**Table 2**)
- Monitoring (**Table 3**)
- Decommissioning and Rehabilitation (Section 3.5).

The responsible person(s) should assess these actions in detail and acknowledge their commitment to the specific management actions detailed in the phases given under the following subsections.

## 3.3 Exploration Activities Mitigation Plan

The management action plan recommended for these exploration phases is presented in **Table 2** below.

#### Table 2: Management and mitigation action plans for the planning and exploration phases

| Aspect                                | Impact  | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources  | Timeline                       |
|---------------------------------------|---|--|--|----------------------------------|--|--------------------------------|
|                                       |   | P  | LANNING PHASE  |                                  |  |                                |
| EMP<br>implementation<br>and training | Lack of EMP<br>awareness and<br>implications<br>thereof | -A Comprehensive Health and<br>Safety Plan for the project<br>activities should be compiled. This<br>will include all the necessary<br>health, safety, and environmental<br>considerations applicable to<br>respective works on sites. | -All required Plans and<br>systems are compiled<br>and in place.<br>and Environmental<br>Control Officer (ECO)<br>is appointed                       | Proponent                        | EMP implementation<br>Plans and Systems                            | Pre-exploration<br>works       |
|                                       |   | An EMP non-compliance penalty<br>system should be implemented<br>on-site.<br>The Proponent should appoint an<br>ECO to be responsible for<br>managing the EMP  |  |                                  |  |                                |
| Authorizations                        | Lack of<br>Agreements,<br>Permits/<br>Licenses          | -All the required agreements and<br>licenses or permits should be<br>applied for and signed,<br>respectively before the<br>commencement of work on the<br>EPL, or as required.   | -Applicable permits<br>and licenses to be<br>obtained from relevant<br>authorities and kept on<br>site for record keeping<br>and future inspections. | Proponent                        | Proponent<br>Respective authorities<br>and services<br>provider(s) | Before<br>exploration<br>works |
|                                       |   | -The permits and agreements referred to herein include:  | -Agreements/permits<br>signed and obtained on<br>time, <b>min. 2 months</b>  |                                  |  |                                |

| Aspect   | Impact  | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility  | Resources                  | Timeline  |
|--|---|--|--|---|----------------------------|---|
| Communication<br>between the<br>Proponent and<br>other<br>neighbouring<br>land users and<br>custodians | Lack of<br>communication<br>(proper liaison)<br>between other<br>land users and<br>Proponent with<br>regard to land | <ul> <li>-Land access by the farm owners<br/>(landowners).</li> <li>-Waste management disposal<br/>permits from the relevant facility<br/>operator/owner</li> <li>-Water supply agreements.</li> <li>-Onsite fuel storage permit from<br/>MME for any petroleum stored<br/>onsite.</li> <li>-The Proponent should appoint a<br/>Public Relation Officer (PRO) to<br/>liaise with the land users.</li> <li>-A clear communication<br/>procedure/plan which should<br/>include a grievance mechanism.</li> </ul> | before planned<br>commencement date<br>of works.   | Proponent   | PRO<br>Complaint's logbook | PRO<br>appointment<br>(Prior to project<br>activities) and<br>their<br>responsibilities<br>throughout the |
| Employment   | use<br>Creation of<br>employment<br>opportunities   | -Non-skilled labour should be<br>sourced from the locally affected<br>area (people from the local<br>communities), in accordance with  | PRO contact details to<br>be provided to the<br>affected landowners<br>-Number of locals<br>employed for<br>exploration activities | Proponent in<br>collaboration<br>with the<br>Exploration<br>Manager (if<br>necessary) | Record of employees        | Pre-project<br>activities and<br>when<br>necessary,<br>throughout   |

| Aspect                                    | Impact                            | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility    | Resources   | Timeline  |  |  |
|---|-----------------------------------|--|------------------------------------|-------------------------------------|---|---|--|--|
|   |                                   | procedures approved by the<br>relevant authorities.<br>-Preference of local people for<br>employment for jobs should be<br>implemented, i.e., permanent<br>residents from the farms<br>surrounding areas should be<br>employed for the unskilled labour<br>preferentially to out-of-area people<br>(outsiders) where possible. Out-<br>of-area employment should be<br>justified, for example by the<br>unavailability of local skills only.<br>-Equal opportunity should be<br>provided for both men and women,<br>when and where possible. |                                    |                                     |   |   |  |  |
| Specialised<br>procurement of<br>services | Contractors<br>and services       | -All services related to exploration<br>activities such as trenching/pitting<br>and drilling that the Proponent<br>may need, preference should be<br>given to local providers of such<br>services. If not available locally,<br>the services search should be<br>extended to a regional level<br>(Erongo Region), nationally, and<br>lastly, internationally.  | The number of hired contractors.   | Proponent<br>Exploration<br>Manager | Record of hired or<br>contracted companies<br>or services providers | Pre-project<br>activities and<br>when<br>necessary,<br>throughout |  |  |
|   | PROSPECTING AND EXPLORATION PHASE |  |                                    |                                     |   |   |  |  |

| Aspect   | Impact   | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources   | Timeline  |
|--|--|--|--|----------------------------------|---|---|
| EMP<br>implementation<br>and training  | Lack of EMP<br>awareness and<br>implications<br>thereof  | <ul> <li>-EMP pieces of training should be provided to all new workers on site.</li> <li>-All site personnel should be aware of necessary health, safety, and environmental considerations applicable to their respective work.</li> <li>-The implementation of this EMP should be monitored.</li> <li>The site should be inspected, and a compliance audit is done throughout <u>the project activities, monthly.</u></li> <li>An EMP non-compliance penalty system should be implemented on-site.</li> </ul> | Compliance monitoring<br>is conducted bi-<br>annually and should be<br>recorded.   | ECO                              | Bi-annual reports<br>Records of EMP<br>training conducted.  | Throughout the<br>exploration<br>phase and as<br>required |
| Communication<br>between the<br>Proponent and<br>other<br>neighbouring<br>land users and<br>custodians | Lack of<br>communication<br>(proper liaison)<br>between<br>community<br>members and<br>Proponent with<br>regard to land<br>use | -The PRO should be introduced to<br>the farm owners and his or her<br>contact details provided to them<br>prior to undertaking activities for<br>easy communication during<br>exploration activities.<br>The Proponent should compile a<br>clear communication<br>procedure/plan which should<br>include a grievance and response<br>mechanism.  | -PRO is part of the<br>project personnel.<br>-Ongoing community<br>members' engagement<br>& consultation<br>throughout the project<br>cycles, when and as<br>required<br>-<br>Community/community<br>members' grievances | PRO                              | Complaint's logbook<br>PRO contact details<br>are to be provided to<br>the affected land<br>users.<br>Records of community<br>members' consultation | Throughout the<br>exploration<br>activities               |

| Aspect             | Impact  | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility      | Resources                                       | Timeline                     |
|--------------------|---|--|--|---------------------------------------|---|------------------------------|
|                    |   |  | addressed to their satisfaction  |                                       | Land access<br>agreement conditions             |                              |
| Grazing land       | Loss of grazing<br>areas                                      | -Any unnecessary removal or destruction of grazing land, due to exploration activities should be avoided.  | -Limited cleared sites   | Proponent /<br>Exploration<br>Manager | Grievance logbook                               | Throughout the phases        |
|                    |   | -Vegetation found on the site, but<br>not in the targeted exploration<br>areas should not be removed but<br>left to preserve biodiversity and<br>grazing land.   | -No complaints from<br>community members<br>regarding significant<br>land/vegetation<br>clearing | ECO                                   |   |                              |
|                    |   | -Workers should refrain from<br>driving off-road and creating<br>unnecessary tracks that may<br>contribute to the loss of grazing<br>land.   |  |                                       |   |                              |
|                    |   | -Environmental awareness on the<br>importance of the preservation of<br>grazing land for local livestock<br>should be provided to the workers.   |  |                                       |   |                              |
| Water<br>Resources | Over-<br>abstraction<br>(water demand<br>and<br>availability) | -Given the high rainfall in the area,<br>drilling near rivers, streams, and<br>river beds (within 50m) should be<br>avoided during heavy rainy days.<br>This is to prevent easy wash off of<br>potential pollutants at the drilling<br>site surface into these surface<br>water bodies via runoff and<br>eventually Groundwater. | -Water supply<br>agreements<br>-Proof/ recording/<br>quantification of water-<br>saving efforts. | Proponent                             | Water supplier<br>Water supplying<br>agreements | Once off supply<br>agreement |

| Aspect | Impact | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources                                   | Timeline                               |
|--------|--------|---|------------------------------------|----------------------------------|---|--|
|        |        | <ul> <li>-Fuel and other hazardous substances should be stored and contained in properly sealed containers placed on or installed over a plastic liner or any impervious layer on the surface to prevent accidental spills and leakage from reaching the soils and water resources.</li> <li>-The drilling mud and associated additives should not be mixed with non-biodegradable or chemicals that may be harmful to groundwater resources.</li> <li>-Wastewater and used hydrocarbons (fuels, oil, and grease) must be properly secured and disposed of at the nearest approved wastewater treatment and hazardous waste management facility, respectively.</li> <li>-Hydrocarbon spill management and emergency procedures must be implemented onsite and personnel trained on how to effectively clean up spills.</li> <li>-Fuel and oil spill kits should be made available on-site and training thereof.</li> <li>-The project personnel and visitors alike should be provided with</li> </ul> |                                    | Exploration<br>Manager           | Proponent<br>Water storage tanks<br>on site | Throughout the<br>exploration<br>phase |

| Aspect | Impact | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|---|------------------------------------|----------------------------------|-----------|----------|
|        |        | portable toilets to ensure that no<br>one practices open defecation on<br>site leading to the migration of<br>human waste into surface water<br>and eventually groundwater.   |                                    |                                  |           |          |
|        |        | -If effluent or wastewater will be<br>discharged into the environment<br>by the Proponent, a Discharge<br>permit should be applied for and<br>obtained from the Water<br>Environment/ Law Administration<br>Division of the Ministry of<br>Agriculture, Water and Land<br>Reform (MAWLR). |                                    |                                  |           |          |
|        |        | -Water Resources protection<br>against pollution must be<br>incorporated into personnel's<br>induction and awareness made to<br>endure accountability among<br>project personnel while onsite.  |                                    |                                  |           |          |
|        |        | -A Groundwater Abstraction & Use<br>Permit should be applied for and<br>obtained from the Water Law<br>Administration Division of the<br>Ministry of Agriculture, Water and<br>Land Reform (MAWLR).   |                                    |                                  |           |          |
|        |        | -In case of drilling of new<br>boreholes for the project, a drilling<br>permit should be obtained from<br>MAWLR' Geohydrology Division.   |                                    |                                  |           |          |

| Aspect | Impact   | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources   | Timeline                               |
|--------|--|---|---|----------------------------------|---|--|
|        |  | -The recycling and re-use of water<br>should be encouraged and<br>practiced onsite, where possible.<br>-Groundwater use, management,<br>and conservation should be<br>encouraged onsite to ensure<br>accountability.  |   |                                  |   |  |
| Soils  | Physical<br>soil/land<br>disturbance<br>and loss of<br>topsoil | -Overburden soils and rocks<br>should be handled more efficiently<br>during operations to avoid erosion<br>when subjected to erosional<br>processes.<br>-Stockpiled topsoil and drill<br>materials should be used to<br>backfill the excavated and<br>disturbed site areas/spots.<br>-Soils that are not within the<br>intended and targeted footprints of<br>the site should be left undisturbed<br>and soil conservation<br>implemented as far as possible.<br>-Project vehicles and machinery<br>should stick to access roads<br>provide and or meant for the<br>project operations but not<br>unnecessarily create further tracks<br>on site by driving everywhere<br>resulting in soil compaction.<br>-The disturbance of the soil<br>surface in the vicinity of the | -No proliferation of<br>informal vehicle tracks.<br>-No new erosion<br>gullies. | ECO                              | Proponent<br>All personnel<br>Complaint's logbook | Throughout the<br>exploration<br>phase |

| Aspect                       | Impact                                    | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources  | Timeline                           |
|------------------------------|---|---|---|----------------------------------|--|------------------------------------|
|                              |   | working sites must be minimised<br>to prevent wind erosion. The<br>footprint of the EPL site area must<br>be kept small as much as possible<br>and existing access roads are to<br>be always utilised to avoid off-road<br>tracks.<br>-The project footprint area should<br>not be cleared entirely, and the<br>exploration vehicles and<br>equipment must be placed in such<br>a way that soil disturbance is<br>minimised, and the site should be<br>rehabilitated after each onsite<br>work.           |   |                                  |  |                                    |
| Soils and water<br>resources | Soils and water<br>resources<br>pollution | -Oil and wastewater spill control<br>preventive measures should be in<br>place on-site to manage soil<br>contamination, thus preventing<br>and minimizing the contamination<br>from reaching water resources<br>bodies. Some of the soil control<br>preventive measures that can be<br>implemented include:<br>-Spill control preventive measures<br>should be in place on-site to<br>manage soil contamination, thus<br>preventing and or minimizing the<br>contamination from reaching<br>water bodies. | No complaints of<br>pollutants on the soils<br>and eventually in the<br>water due to<br>exploration activities<br>No visible oil spills on<br>the ground or pollution<br>spots. | ECO                              | Complaint's logbook<br>Waste containers<br>Non-permeable<br>material to cover the<br>ground surface at<br>areas where<br>hydrocarbons and<br>potential pollutants are<br>utilized. | Throughout<br>exploration<br>phase |

| Aspect | Impact | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|---|------------------------------------|----------------------------------|-----------|----------|
|        |        | -All project employees should be<br>sensitized about the impacts of<br>soil pollution and advised to follow<br>appropriate fuel delivery and<br>handling procedures.  |                                    |                                  |           |          |
|        |        | -The Proponent should develop<br>and prepare countermeasures to<br>contain, clean up, and mitigate the<br>effects of an oil spill. This includes<br>keeping spill response procedures<br>and a well-stocked cache of<br>supplies easily accessible. |                                    |                                  |           |          |
|        |        | -Ensure employees receive basic<br>Spill Prevention, Control, and<br>Countermeasure (SPCC) Plan<br>training and mentor new workers<br>as they get hired.  |                                    |                                  |           |          |
|        |        | -Project machines and equipment<br>should be equipped with drip trays<br>to contain possible oil spills when<br>operated on-site.   |                                    |                                  |           |          |
|        |        | -Polluted soil should be removed<br>immediately and put in a<br>designated waste-type container<br>for later disposal.  |                                    |                                  |           |          |
|        |        | -Drip trays must be readily<br>available on this trailer and<br>monitored to ensure that<br>accidental fuel spills along the tank<br>trailer path/route around the<br>exploration sites are cleaned on  |                                    |                                  |           |          |

| Aspect       | Impact                     | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources   | Timeline                               |
|--------------|----------------------------|--|---|----------------------------------|---|--|
|              |                            | time (soon after the spill has happened).  |   |                                  |   |  |
|              |                            | -Polluted soil must be collected<br>and transported away from the site<br>to an approved and appropriately<br>classified hazardous waste<br>treatment facility.  |   |                                  |   |  |
|              |                            | -Washing of equipment<br>contaminated hydrocarbons, as<br>well as the washing and servicing<br>of vehicles should take place at a<br>dedicated area, where<br>contaminants are prevented from<br>contaminating soil or water<br>resources.                     |   |                                  |   |  |
|              |                            | -Toilet water should be treated<br>using the long drop toilet system<br>and periodically emptied before<br>reaching capacity and transported<br>to a wastewater treatment facility.  |   |                                  |   |  |
| Biodiversity | Loss of Fauna<br>and Flora | Fauna:<br>-The poaching (illegal hunting) of<br>wildlife on the farms and<br>surrounding areas is strictly<br>prohibited.<br>-The project workers should<br>refrain from killing or snaring the<br>farm livestock that may be found<br>on and around the site. | No disturbance to<br>unmarked areas.<br>No complaints from<br>locals regarding<br>unauthorised<br>vegetation removal or<br>cutting down of trees. | ECO                              | Barricading tape (to<br>indicate working<br>areas)<br>Complaint logbook | Throughout the<br>exploration<br>phase |

| Aspect | Impact | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|---|---|----------------------------------|-----------|----------|
|        |        | -Workers should refrain from<br>disturbing and poaching animal<br>species found within the EPL and<br>surrounding areas.  | No complaints of wildlife hunting by the project personnel.                                 |                                  |           |          |
|        |        | -Access roads (even existing<br>ones) should be utilized<br>appropriately in a manner that<br>disturbs as minimal land areas as<br>possible, thus minimizing faunal<br>habitat destruction. | No intentional<br>disturbance or<br>destruction of site<br>vegetation and faunal<br>species |                                  |           |          |
|        |        | -Breeding sites for faunal species<br>that are found within the site and<br>nearby should not be disturbed.   | Visible preservation of onsite vegetation   |                                  |           |          |
|        |        | -Environmental awareness of the importance of faunal preservation should be provided to the workers and contractors.  |   |                                  |           |          |
|        |        | Flora:  |   |                                  |           |          |
|        |        | -The Proponent should avoid<br>unnecessary removal of<br>vegetation, thus promoting a<br>balance between biodiversity and<br>their exploration works.                                       |   |                                  |           |          |
|        |        | -Vegetation found on the site, but<br>not in the targeted exploration<br>areas should not be removed but<br>left to preserve biodiversity on the<br>site.                                   |   |                                  |           |          |
|        |        | -Movement of vehicles and machinery should be restricted to   |   |                                  |           |          |

| Aspect          | Impact                      | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)                                 | Implementation<br>Responsibility | Resources           | Timeline                                    |
|-----------------|-----------------------------|---|--|----------------------------------|---------------------|---|
|                 |                             | existing roads and tracks to prevent unnecessary damage to the vegetation.  |  |                                  |                     |   |
|                 |                             | -Design access roads<br>appropriately in a manner that<br>disturbs minimal land areas as<br>possible.   |  |                                  |                     |   |
|                 |                             | -Make use of the existing road<br>network as much as possible and<br>avoid off-road driving, thus<br>minimizing onsite floral<br>destruction.   |  |                                  |                     |   |
|                 |                             | -Vegetation clearing to be kept to<br>a minimum. The vegetation of the<br>site is largely low and open and<br>therefore wholesale vegetation<br>clearing should only be applied<br>where necessary and within the<br>EPL footprint. |  |                                  |                     |   |
|                 |                             | -Vegetation found on the site, but<br>not in the targeted areas should<br>not be removed but left to preserve<br>biodiversity on the site.  |  |                                  |                     |   |
|                 |                             | -Environmental awareness of the<br>importance of floral biodiversity<br>preservation should be provided to<br>the workers and contractors.  |  |                                  |                     |   |
| Illegal hunting | Illegal hunting of wildlife | -No wildlife hunting is permitted.  | Incident reports of<br>illegal hunting of<br>wildlife by the crew. | ECO                              | Complaint's logbook | During site<br>setup, and<br>throughout the |

| Aspect              | Impact  | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources   | Timeline                               |
|---------------------|---|---|---|----------------------------------|---|--|
|                     |   | -Site personnel should refrain from<br>killing/poaching or intentionally<br>disturbing wildlife, or any faunal<br>species found on-site and around<br>the EPL site.   |   |                                  | Anti-poaching Police<br>Unit                              | exploration<br>phase                   |
| Land Use            | The conflict<br>between land<br>uses and<br>exploration<br>activities | <ul> <li>Exploration activities should not<br/>in any way hinder the existing land<br/>uses within the EPL but rather<br/>promote co-existence throughout<br/>the project operations while<br/>respecting other land users.</li> <li>The project workers and vehicles<br/>should be limited to the actual EPL<br/>active sites only but not<br/>unnecessarily wander and drive<br/>around other land uses sites,<br/>respectively.</li> <li>The Proponent should ensure<br/>that their activities comply with the<br/>conditions set by the competent,<br/>regulatory, and affected<br/>authorities such that the proposed<br/>exploration activities do not<br/>severely impact the different<br/>existing activities around the EPL.</li> </ul> | Land access and use<br>permits/authorizations.<br>Compliance with<br>conditions set within<br>operational permits by<br>relevant and affected<br>authorities.<br>Little to no complaints<br>of significant<br>interference from the<br>neighbouring land<br>users | PRO<br>Proponent<br>ECO          | Proponent<br>Relevant authorities<br>(MEFT, MME, etc.)    | Throughout the<br>exploration<br>phase |
| Road use and safety | Increase in<br>vehicular traffic<br>flow                              | -Vehicles should be driven only on<br>existing access roads and<br>necessary temporary access<br>roads only leading to EPL mapped   | No complaints from<br>members of the public<br>regarding vehicular<br>traffic issues related to<br>the project activities.  | Proponent<br>ECO                 | Number of project<br>vehicles on site<br>Names of drivers | Throughout<br>exploration<br>phase     |

| Aspect | Impact | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources                  | Timeline   |
|--------|--------|--|--|----------------------------------|----------------------------|--|
|        |        | sites; no new roads should be<br>constructed where possible.<br>-The transportation of project<br>materials, equipment, and<br>machinery should be limited to<br>once or twice a week only, but not<br>every day.  | All personnel operating<br>the project vehicles<br>and machinery are<br>appropriately licensed<br>and in possession of<br>valid driving licenses.                                    |                                  | Frequency of water carting | Site access<br>permit (s) to be<br>applied for and<br>obtained prior to<br>commencement<br>of exploration<br>works |
|        |        | <ul> <li>The heavy truck loads should comply with the maximum allowed limit while transporting materials and equipment/machinery on public and access roads.</li> <li>The carted water into the area from outside the project area should be done once or twice a week in a container that can supply and store water for most of the week, thus reducing the number of trucks on the road.</li> </ul> | Demarcated areas for<br>parking, offloading,<br>and loading zones are<br>on site.<br>If required, site access<br>road permits are<br>obtained, and<br>requirements are<br>fulfilled. |                                  |                            |  |
|        |        | <ul> <li>-Drivers of all project phases' vehicles should own a valid and appropriate driving licenses.</li> <li>Vehicle drivers should adhere to the road safety rules.</li> <li>-Drivers should drive slowly (40km/hour or less), and be on the lookout for wildlife and people.</li> <li>-Project vehicles should be in a roadworthy condition and serviced regularly to avoid accidents</li> </ul>  | No creation of<br>unnecessary tracks on<br>site.   |                                  |                            |  |

| Aspect                               | Impact   | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility           | Resources   | Timeline   |
|--------------------------------------|--|--|---|--|---|--|
|                                      |  | because of mechanical faults of vehicles.  |   |  |   |  |
| Local roads                          | Overuse and maintenance  | -The heavy trucks transporting<br>materials and services to the site<br>should be scheduled to travel at<br>least twice or thrice a week to<br>avoid daily 27ravelling to the site,<br>unless in cases of emergencies.   | -Visible efforts of<br>maintaining access<br>and community roads<br>by the Proponent      | Proponent                                  | Road clearing<br>machinery<br>(bulldozers)  | Throughout the<br>exploration<br>phase, when<br>necessary                                    |
|                                      |  | -The Proponent should consider<br>frequent maintenance of local<br>roads on the farms to ensure that<br>the roads are in a good condition<br>for other road users such as<br>community members, and<br>travellers from and outside the<br>area.  |   |  |   |  |
| Occupational<br>Health and<br>safety | General health<br>and safety<br>associated<br>with project<br>activities in<br>both phases | <ul> <li>The Proponent should commit to<br/>and make provision for bi-annual<br/>full medical check-ups for all the<br/>workers at the site to monitor the<br/>impact of project-related activities<br/>on them (workers).</li> <li>As part of their induction, the<br/>project workers should be<br/>provided with awareness training<br/>on the risks of mishandling<br/>equipment and materials on-site<br/>as well as health and safety risk<br/>associated with their respective<br/>jobs.</li> </ul> | Comprehensive health<br>and safety plan for all<br>exploration activities is<br>compiled. | Proponent<br>Exploration<br>Manager<br>ECO | Occupational Health<br>and Safety Personnel<br>Health and Safety<br>Training<br>First aid kits<br>Trained worker to<br>administer first aid | Throughout the<br>exploration<br>phase and<br>training is<br>offered as and<br>when required |

| Aspect | Impact | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|--|------------------------------------|----------------------------------|-----------|----------|
|        |        | -When working on-site,<br>employees should be properly<br>equipped with adequate personal<br>protective equipment (PPE) such<br>as coveralls, gloves, safety boots,<br>earplugs, dust masks, safety<br>glasses, etc. |                                    |                                  |           |          |
|        |        | -Heavy vehicles, equipment, and<br>fuel storage site should be<br>properly secured, and appropriate<br>warning signage placed where<br>visible.  |                                    |                                  |           |          |
|        |        | -Drilled boreholes that will no<br>longer be in use or to be used later<br>after being drilled should be<br>properly marked for visibility and<br>capped/closed off.   |                                    |                                  |           |          |
|        |        | -Ensure that after completion of<br>exploration holes, these are<br>capped and closed off and that<br>trenches are backfilled and<br>levelled,   |                                    |                                  |           |          |
|        |        | -An emergency preparedness<br>plan should be compiled, and all<br>personnel appropriately trained.   |                                    |                                  |           |          |
|        |        | -Workers should not be allowed to<br>drink alcohol prior to and during<br>working hours nor allowed on site<br>when under the influence of<br>alcohol as this may lead to<br>mishandling of equipment which          |                                    |                                  |           |          |

| Aspect                      | Impact  | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources   | Timeline  |
|-----------------------------|---|---|---|----------------------------------|---|---|
|                             |   | results in injuries and other health<br>and safety risks.<br>-The site areas that are<br>considered temporary risks should<br>be equipped with danger or<br>cautionary" signs.  |   |                                  |   |   |
|                             | Accidental fire<br>outbreak   | <ul> <li>Portable fire extinguishers should<br/>be provided on-site.</li> <li>No open fires to be created by<br/>project personnel on farms.</li> <li>Potential flammable areas and<br/>structures such as fuel storage<br/>tanks should be marked as such<br/>with clearly visible signage.</li> </ul>   | No wildfires were<br>recorded (due to the<br>presence of workers)   | Proponent                        | Fire extinguishers (1<br>per vehicle) and 1 per<br>working site | Throughout<br>exploration<br>phase  |
| Archaeology<br>and heritage | Accidental<br>disturbance<br>and<br>destruction of<br>archaeological<br>or heritage<br>objects and<br>sites | <ul> <li>-If any archaeological material or<br/>human graves/remains are<br/>uncovered during the exploration<br/>activities, work in the immediate<br/>area must halt, and the find would<br/>need to be reported to heritage<br/>authorities for inspection by an<br/>archaeologist.</li> <li>-Buffer zones should be<br/>maintained around known<br/>significant archaeological,<br/>historical, or cultural heritage sites<br/>as far as possible.</li> </ul> | Preservation of all<br>artefacts and objects<br>that are discovered on<br>and around the project<br>site<br>No-Go Areas avoided | Proponent                        | Salvage equipment   | As and when<br>required, i.e.,<br>prior to site set<br>up, and during<br>exploration. |

| Aspect | Impact | Management and Mitigation<br>Measure(s) | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources          | Timeline |
|--------|--------|---|------------------------------------|----------------------------------|--------------------|----------|
|        |        | -Graves and areas with cultural         |                                    |                                  |                    |          |
|        |        | significance are excluded from          |                                    | Operator                         |                    |          |
|        |        | any development.                        |                                    |                                  |                    |          |
|        |        | -A "No-Go-Zone" should be put in        |                                    |                                  |                    |          |
|        |        | place where there is evidence of        |                                    |                                  |                    |          |
|        |        | sub-surface archaeological              |                                    |                                  |                    |          |
|        |        | materials, archaeological sites,        |                                    | Foreman                          |                    |          |
|        |        | historical, rock paintings,             |                                    |                                  | Flag tapes         |          |
|        |        | cave/rock shelters, or past human       |                                    | Superintended                    |                    |          |
|        |        | dwellings. It can be a demarcation      |                                    |                                  | GPS (site marking) |          |
|        |        | by fencing, or by avoiding the site     |                                    | Archaeologist                    |                    |          |
|        |        | completely by not working close to      |                                    |                                  |                    |          |
|        |        | the known site.                         |                                    |                                  |                    |          |
|        |        | -On-site personnel and contractor       |                                    |                                  |                    |          |
|        |        | crews must be sensitized to             |                                    |                                  |                    |          |
|        |        | exercise and recognize "chance          |                                    |                                  |                    |          |
|        |        | finds heritage" in the course of        |                                    |                                  |                    |          |
|        |        | their work.                             |                                    |                                  |                    |          |
|        |        | -During the prospecting and             |                                    |                                  |                    |          |
|        |        | exploration works, it is important to   |                                    |                                  |                    |          |
|        |        | take note and recognize any             |                                    |                                  |                    |          |
|        |        | significant material being              |                                    |                                  |                    |          |
|        |        | unearthed, and make the correct         |                                    |                                  |                    |          |
|        |        | judgment on which actions should        |                                    |                                  |                    |          |
|        |        | be taken (refer to CFP Attached).       |                                    |                                  |                    |          |
|        |        | -If there is a possibility of           |                                    |                                  |                    |          |
|        |        | encountering or unearthing              |                                    |                                  |                    |          |

| Aspect | Impact | Management and Mitigation<br>Measure(s) | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|---|------------------------------------|----------------------------------|-----------|----------|
|        |        | archaeological materials then it is     |                                    |                                  |           |          |
|        |        | better to change the layout design,     |                                    |                                  |           |          |
|        |        | to avoid the destruction that can       |                                    |                                  |           |          |
|        |        | occur.                                  |                                    |                                  |           |          |
|        |        | -Direct damage to archaeological        |                                    |                                  |           |          |
|        |        | or heritage sites should be             |                                    |                                  |           |          |
|        |        | avoided as far as possible and,         |                                    |                                  |           |          |
|        |        | where some damage to significant        |                                    |                                  |           |          |
|        |        | sites is unavoidable,                   |                                    |                                  |           |          |
|        |        | scientific/historical data should be    |                                    |                                  |           |          |
|        |        | rescued.                                |                                    |                                  |           |          |
|        |        | -All ground works should be             |                                    |                                  |           |          |
|        |        | monitored and where any                 |                                    |                                  |           |          |
|        |        | stratigraphic profiles in context       |                                    |                                  |           |          |
|        |        | with archaeological material are        |                                    |                                  |           |          |
|        |        | exposed, these should be                |                                    |                                  |           |          |
|        |        | recorded, photographed, and             |                                    |                                  |           |          |
|        |        | coordinates taken.                      |                                    |                                  |           |          |
|        |        | -The footprint impact of the            |                                    |                                  |           |          |
|        |        | proposed prospecting and                |                                    |                                  |           |          |
|        |        | exploration activities should be        |                                    |                                  |           |          |
|        |        | kept to a minimal to limit the          |                                    |                                  |           |          |
|        |        | possibility of encountering chance      |                                    |                                  |           |          |
|        |        | finds within the EPL boundaries.        |                                    |                                  |           |          |
|        |        | -A landscape approach of the site       |                                    |                                  |           |          |
|        |        | management must consider                |                                    |                                  |           |          |
|        |        | culture and heritage features in the    |                                    |                                  |           |          |

| Aspect | Impact | Management and Mitigation<br>Measure(s) | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|---|------------------------------------|----------------------------------|-----------|----------|
|        |        | overall planning of exploration         |                                    |                                  |           |          |
|        |        | infrastructures within and beyond       |                                    |                                  |           |          |
|        |        | the license boundaries;                 |                                    |                                  |           |          |
|        |        | -When there is the removal of           |                                    |                                  |           |          |
|        |        | topsoil and subsoil on the site for     |                                    |                                  |           |          |
|        |        | exploration purposes, the site          |                                    |                                  |           |          |
|        |        | should be monitored for                 |                                    |                                  |           |          |
|        |        | subsurface archaeological               |                                    |                                  |           |          |
|        |        | materials by a qualified                |                                    |                                  |           |          |
|        |        | Archaeologist or Site manager.          |                                    |                                  |           |          |
|        |        | -Show overall commitment and            |                                    |                                  |           |          |
|        |        | compliance by adopting a                |                                    |                                  |           |          |
|        |        | "minimalistic or zero damage            |                                    |                                  |           |          |
|        |        | approach" throughout the                |                                    |                                  |           |          |
|        |        | exploration activities.                 |                                    |                                  |           |          |
|        |        | -There should be a controlled           |                                    |                                  |           |          |
|        |        | movement of the people i.e. a           |                                    |                                  |           |          |
|        |        | contractor, exploration crews,          |                                    |                                  |           |          |
|        |        | equipment, setting up of camps          |                                    |                                  |           |          |
|        |        | and everyone else involved in the       |                                    |                                  |           |          |
|        |        | prospecting and exploration             |                                    |                                  |           |          |
|        |        | activities. This is recommended to      |                                    |                                  |           |          |
|        |        | limit the proliferation of informal     |                                    |                                  |           |          |
|        |        | pathways, gully erosion, and            |                                    |                                  |           |          |
|        |        | disturbance to surface and sub-         |                                    |                                  |           |          |
|        |        | surface artefacts such as stone         |                                    |                                  |           |          |

| Aspect | Impact | Management and Mitigation<br>Measure(s) | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|---|------------------------------------|----------------------------------|-----------|----------|
|        |        | tools and other buried materials,       |                                    |                                  |           |          |
|        |        | etc.                                    |                                    |                                  |           |          |
|        |        | -There must be controlled               |                                    |                                  |           |          |
|        |        | movement of heavy loads such as         |                                    |                                  |           |          |
|        |        | abnormal vehicles and kinds of          |                                    |                                  |           |          |
|        |        | heavy-duty machinery within the         |                                    |                                  |           |          |
|        |        | EPL. This means avoiding                |                                    |                                  |           |          |
|        |        | chances of crossing paths that          |                                    |                                  |           |          |
|        |        | may lead to the destruction of on       |                                    |                                  |           |          |
|        |        | and sub-surface archaeological          |                                    |                                  |           |          |
|        |        | materials                               |                                    |                                  |           |          |
|        |        | Should any previously undetected        |                                    |                                  |           |          |
|        |        | heritage or archaeological              |                                    |                                  |           |          |
|        |        | resources be exposed or                 |                                    |                                  |           |          |
|        |        | uncovered during the exploration        |                                    |                                  |           |          |
|        |        | phases of the proposed project,         |                                    |                                  |           |          |
|        |        | these should immediately be             |                                    |                                  |           |          |
|        |        | reported to the heritage specialist     |                                    |                                  |           |          |
|        |        | or heritage authority (National         |                                    |                                  |           |          |
|        |        | Heritage Council of Namibia).           |                                    |                                  |           |          |
|        |        | -The Proponent and Contractors          |                                    |                                  |           |          |
|        |        | should adhere to the provisions of      |                                    |                                  |           |          |
|        |        | Section 55 of the National              |                                    |                                  |           |          |
|        |        | Heritage Act in the event               |                                    |                                  |           |          |
|        |        | significant heritage and cultural       |                                    |                                  |           |          |
|        |        | features are discovered in the          |                                    |                                  |           |          |
|        |        | course of exploration works.            |                                    |                                  |           |          |

| Aspect  | Impact                     | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)  | Implementation<br>Responsibility | Resources   | Timeline                           |
|---|----------------------------|--|---|----------------------------------|---|------------------------------------|
|   |                            | -Whoever is going to be in charge<br>of mitigation and monitoring<br>measures must have the authority<br>to stop any exploration or<br>construction activities that are in<br>contravention of the National<br>Heritage Act of 2004 and National<br>Heritage Guidelines as well as the<br>overall project EMP.   |   |                                  |   |                                    |
| Littering and<br>waste<br>management<br>(general waste<br>and sanitation) | Environmental<br>Pollution | <ul> <li>-Workers should be sensitized to dispose of waste responsibly and not to litter.</li> <li>-After each daily work, the Proponent should ensure that there are no wastes left on the sites.</li> <li>-All domestic and general project waste produced daily should be contained until such that time it will be transported to designated waste sites.</li> <li>-No waste may be buried or burned on site or anywhere else.</li> <li>-The exploration site should be equipped with separate waste bins</li> </ul> | No visible litter around<br>the project area<br>Provision of sufficient<br>waste storage<br>containers<br>Waste management<br>awareness | ECO                              | Waste storage<br>containers<br>Waste disposal<br>permits for<br>municipalities<br>Environmental,<br>Health, and Safety<br>Statements and Policy | Throughout<br>exploration<br>phase |

| Aspect | Impact | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI) | Implementation<br>Responsibility | Resources | Timeline |
|--------|--------|--|------------------------------------|----------------------------------|-----------|----------|
|        |        | for hazardous and general/domestic waste.  |                                    |                                  |           |          |
|        |        | -Sewage waste should be stored<br>as per the available sewage<br>system (long drop toilets) supplied<br>on-site and regularly disposed of<br>at the nearest treatment facility   |                                    |                                  |           |          |
|        |        | -Oil spills should be taken care of<br>by removing and treating soils<br>affected by the spill.  |                                    |                                  |           |          |
|        |        | -A penalty system for irresponsible<br>disposal of waste on site and<br>anywhere in the area should be<br>implemented.   |                                    |                                  |           |          |
|        |        | -Careful storage and handling of<br>hydrocarbons on site are<br>essential, therefore should be<br>enforced.  |                                    |                                  |           |          |
|        |        | -Potential contaminants such as<br>hydrocarbons and wastewater<br>should be contained on site and<br>disposed of in accordance with<br>municipal wastewater discharge<br>standards so that they do not<br>contaminate surrounding soils and<br>eventually groundwater. |                                    |                                  |           |          |
|        |        | -An emergency plan should be<br>available for major/minor spills at<br>the site during exploration (with<br>consideration of air, groundwater,   |                                    |                                  |           |          |

| Aspect      | Impact   | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources   | Timeline                           |
|-------------|--|--|--|----------------------------------|---|------------------------------------|
|             |  | soil, and surface water) and during<br>the transportation of the product(s)<br>to the sites.   |  |                                  |   |                                    |
|             | Wastewater is<br>generated by<br>exploration<br>workers living<br>on-site. | <ul> <li>Provision of toilet facilities for<br/>workers (mobile/portable chemical<br/>toilet if possible).</li> <li>Emptying of chemical toilets<br/>according to the manufacturer's<br/>specifications.</li> </ul>  | Adequate toilet and basic ablution facilities on site.   | Proponent                        | Chemical toilets<br>Sewage removal<br>operator<br>waste treatment<br>agents/chemicals | Throughout<br>exploration<br>phase |
| Air Quality | Dust<br>generation   | <ul> <li>-Exploration vehicles should not drive at a speed of more than 40 km/h to avoid dust generation around the area.</li> <li>-When and if the project reaches the advanced stages of exploration, a reasonable amount of water should be used on gravel roads, using regular water sprays on gravel routes and near exploration sites to suppress the dust that may be emanating from certain exploration areas on the EPL.</li> <li>-Dust masks, eye protective glasses, and other respiratory personal protective equipment (PPE) such as face masks should</li> </ul> | No complaints from the<br>public about vehicle<br>emissions and dust<br>generation.<br>Visible efforts to curb<br>dust | ECO                              | Complaint's logbook<br>Dust suppressant<br>(Water)                                    | Throughout<br>exploration<br>phase |

| Aspect | Impact   | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources  | Timeline                           |
|--------|----------|--|--|----------------------------------|--|------------------------------------|
|        |          | be provided to the workers on site<br>drilling areas, where they are<br>exposed to dust.<br>-Excavating equipment should be<br>regularly maintained to ensure<br>drilling and excavation efficiency<br>and so to reduce dust generation<br>and harmful gaseous emissions.  |  |                                  |  |                                    |
| Noise  | Nuisance | <ul> <li>-Noise from project vehicles and equipment on the working sites of the EPL should be at acceptable levels.</li> <li>-The exploration times should be set such that, no such activities are carried out during the night or very early in the mornings (to be limited between 8 am and 5 pm on weekdays).</li> <li>-Exploration hours should be restricted to between 08h00 and 17h00 to avoid noise and vibrations generated by exploration equipment and the movement of vehicles before or after hours.</li> <li>-When operating the drilling machinery onsite, workers should be equipped with personal protective equipment (PPE) such</li> </ul> | Complaints from<br>community members<br>and neighbouring land<br>users about excessive<br>noise. | ECO                              | Complaint's logbook<br>Noise protective<br>equipment for workers | Throughout<br>exploration<br>phase |

| Aspect          | Impact   | Management and Mitigation<br>Measure(s)  | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources  | Timeline                         |
|-----------------|--|--|--|----------------------------------|--|----------------------------------|
|                 |  | as earplugs to reduce noise exposure.  |  |                                  |  |                                  |
| Social nuisance | Local<br>properties<br>disturbance<br>and values | <ul> <li>The Proponent should inform their workers on the importance of respecting the community members' properties by not intruding or damaging their houses, or fences or snaring and killing their livestock and wildlife.</li> <li>Any workers or site employees that will be found guilty of intruding on people's privately owned properties should be called in for a disciplinary hearing and/or dealt with as per their employer' (Proponent)'s code of employment conduct</li> <li>The project workers should be advised to respect the community and local's private properties, values, and norms.</li> <li>No worker should be allowed to wander in people's private yards or fences without permission.</li> <li>The project workers are not allowed to kill or in any way disturb local livestock and wildlife on</li> </ul> | No complaints from<br>community members<br>about property theft,<br>disturbance, or<br>intrusion | ECO                              | Grievance logbook<br>Land access<br>agreement conditions | Throughout the exploration phase |
|                 |  | farms.<br>-The cutting down or damaging of<br>vegetation belonging to land   |  |                                  |  |                                  |

| Aspect         | Impact                               | Management and Mitigation<br>Measure(s)   | Key Performance<br>Indicator (KPI)   | Implementation<br>Responsibility | Resources   | Timeline  |
|----------------|--------------------------------------|---|--|----------------------------------|---|---|
|                |                                      | owners the affected community<br>members or neighbouring farms is<br>strictly prohibited.<br>-Out-of-area workers that may be<br>employed (due to their unique<br>work skills) on-site should be<br>sensitized on the importance of<br>respecting the local values and<br>norms.  |  |                                  |   |   |
|                |                                      | PROGRESSIVE REHABILI  |  | SIONING PHASE                    |   |   |
| Rehabilitation | Disturbance<br>and damage to<br>land | <ul> <li>-All drilled boreholes and excavated pits related to the project activities must be capped and backfilled, respectively.</li> <li>-All waste generated and stored on-site during exploration activities must be disposed of at the respective nearest solid waste management sites.</li> <li>-The stockpiled topsoil should be levelled soon after the completion of works at the sites.</li> <li>-Any temporary setup on site must be dismantled, and the area rehabilitated as far as practicable, to its original state.</li> <li>-Explored areas on worksites must be progressively rehabilitated by stockpiling and backfilling.</li> </ul> | Capped boreholes and<br>backfilled pits<br>No sign of waste or<br>littering was seen on-<br>site and around site<br>areas.<br>Carrying away waste,<br>and removal of<br>vehicles and<br>equipment from the<br>site.<br>No stockpiled topsoil<br>(topsoil is levelled after<br>completion of each<br>work). | Proponent                        | Excavators and other<br>backfilling/demolishing<br>machinery<br>Record of pits<br>excavated, and<br>boreholes drilled (if<br>any)<br>Waste containers on<br>sites<br>Photo records of<br>backfilled sites<br>Records of finances<br>set aside for | Progressive<br>rehabilitation is<br>done<br>throughout the<br>exploration<br>phase and<br>completely<br>decommission<br>and<br>rehabilitation<br>are done after<br>the completion<br>of exploration<br>works. |

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| Aspect | Impact | Management and Mitigation<br>Measure(s) | Key Performance<br>Indicator (KPI)     | Implementation<br>Responsibility | Resources       | Timeline |
|--------|--------|---|--|----------------------------------|-----------------|----------|
|        |        | -Provision of financial and             | The campsite is                        |                                  | decommissioning |          |
|        |        | technical resources for                 | dismantled and                         |                                  | activities      |          |
|        |        | progressive rehabilitation must be      | materials are taken                    |                                  |                 |          |
|        |        | made by the Proponent.                  | away from the site.                    |                                  |                 |          |
|        |        |   |  |                                  |                 |          |
|        |        |   | Visible signs of<br>stockpiled topsoil |                                  |                 |          |

# 3.4 Monitoring Action Plans (Monitoring Plan)

To support and ensure that the proposed mitigation measures are achieving the desired results, a monitoring plan must be implemented. The monitoring action plans recommended for planned exploration works are presented in **Table 3** below.

Table 3: Management action plans for Monitoring

| Environmental<br>Feature | Impact          | Monitoring Actions                        | Implementation responsibility | Frequent     | Threshold         | Action if a threshold is exceeded |
|--------------------------|-----------------|---|-------------------------------|--------------|-------------------|-----------------------------------|
| Archaeology              | Rock            | No exploration activities at the outcrops | ECO                           | Weekly       | Observed          | Remedy the                        |
| and Heritage             | paintings,      | with rock art paintings                   | Archaeologist                 |              | damage to the     | consequences by                   |
|                          | Rock            | Implementing the CFP (Appendix 1)         |                               |              | paintings         | halting the activities            |
|                          | engraving,      |   |                               |              |                   |                                   |
|                          | stone tools,    |   |                               |              |                   |                                   |
|                          | and graves      |   |                               |              |                   |                                   |
| Soils                    | Loss of topsoil | All measures should be considered to      | ECO and                       | weekly       | The proliferation | Rehabilitation of                 |
|                          |                 | present the loss of topsoil               | Exploration                   |              | of new vehicle    | affected areas                    |
|                          |                 |   | Manager                       |              | tracks            |                                   |
| Monitoring               | EMP non-        | The ECO or the Proponent/Contractor       | ECO                           | Daily        | Increase in       | Daily safety talks,               |
|                          | compliance      | should monitor the implementation of      |                               |              | health, safety,   | Remedy the                        |
|                          |                 | this EMP to ensure compliance.            |                               |              | and               | consequences                      |
|                          |                 | The ECO(s) should inspect the site        |                               |              | environmental     |                                   |
|                          |                 | throughout the exploration period and     |                               |              | damage            |                                   |
|                          |                 | after completion.                         |                               |              | incidence         |                                   |
| Biodiversity             | Loss of         | Comply with marked no-go areas and        | ECO                           | Weekly       | Vegetation        | Rehabilitation of                 |
|                          | biodiversity    | avoid areas sensitive to any type of      |                               |              | clearance outside | affected areas to the             |
|                          |                 | disturbance.                              | Workers involved in           |              | of marked areas.  | satisfaction of the ECO           |
|                          |                 | Clear only footprint areas to maintain as | this phase                    |              |                   |                                   |
|                          |                 | much of the remaining natural             |                               |              |                   |                                   |
|                          |                 | vegetation on site and to prevent loss of |                               |              |                   |                                   |
|                          |                 | habitat (if so, advised by MEFT).         |                               |              |                   |                                   |
| Health and               | Health and      | -Workers should be trained on how to      | ECO                           | Daily/Weekly | Health and safety | Remedy the                        |
| Safety                   | safety of the   | handle materials and equipment on site    |                               |              | incident          | consequences                      |
|                          | workers         | (if they do not already know how to) to   |                               |              |                   |                                   |
|                          |                 | avoid injuries.                           |                               |              |                   |                                   |

| Environmental<br>Feature | Impact            | Monitoring Actions  | Implementation responsibility     | Frequent | Threshold                                      | Action if a threshold is exceeded |
|--------------------------|-------------------|---|-----------------------------------|----------|--|-----------------------------------|
|                          |                   | <ul> <li>-Exploration equipment and materials transported to the site must be securely fastened to the vehicles, to ensure that the materials and equipment do not fall off the vehicles and cause injuries to anyone while transporting them.</li> <li>- All personnel should be provided with appropriate personal protective equipment (PPE), such as gloves, masks, safety boots, safety glasses, and hard hats always during exploration hours on site to prevent serious injuries or loss of life.</li> </ul> | Workers Involved in<br>this phase |          |  |                                   |
|                          |                   | -No employee should be allowed to<br>drink alcohol before and during working<br>hours as this may lead to mishandling<br>of equipment which results in injuries<br>and other health and safety risks.   |                                   |          |  |                                   |
| Noise                    | Noise<br>nuisance | The exploration works schedule should<br>be limited to normal working hours,<br>between 08h00 and 17h00. This is to<br>ensure generated noise does not<br>become a nuisance to the neighbors.   | ECO<br>Exploration<br>Manager     | Weekly   | A logged<br>complaint about<br>excessive noise | Revision of site<br>activities    |

| Environmental<br>Feature | Impact         | Monitoring Actions                       | Implementation responsibility | Frequent | Threshold           | Action if a threshold is exceeded |
|--------------------------|----------------|--|-------------------------------|----------|---------------------|-----------------------------------|
| Waste                    | Environmental  | -The site should be always kept tidy.    | ECO                           | Daily    | Visible litter      | Clean-up of the                   |
|                          | Pollution      | All domestic and general construction    |                               |          | around the project  | affected areas and                |
|                          |                | waste produced daily should be           |                               |          | site                | ensure exploration                |
|                          |                | cleaned and contained daily to prevent   |                               |          | A logged            | workers utilize waste             |
|                          |                | environmental pollution.                 |                               |          | complaint           | containers provided.              |
|                          |                | -Separate waste containers (bins) for    |                               |          |                     |                                   |
|                          |                | hazardous and domestic/general waste     | All workers are               |          |                     |                                   |
|                          |                | must be provided on-site to avoid        | involved in this              |          |                     |                                   |
|                          |                | mixing of waste.                         | phase.                        |          |                     |                                   |
|                          | Tarana         |  | 500                           |          | <b>A</b>            |                                   |
| Transport                | Transportation | -Project workers will be transported, in | ECO                           | Daily    | A logged            |                                   |
|                          | of workers to  | an SUV, bus (or similar suitable         |                               |          | complaint about     |                                   |
|                          | and from the   | passenger vehicle) to and from the site  |                               |          | bad form of         |                                   |
|                          | site           | to ensure worker's safety.               |                               |          | transport affecting |                                   |
|                          |                |  |                               |          | occupational        |                                   |
|                          |                | -No off-road driving                     |                               |          | safety and health   |                                   |
|                          |                |  |                               |          | of workers          |                                   |
| Vehicular traffic        | Increase in    | -All drivers of the project vehicles     | ECO                           | Weekly   | A logged            | Find alternative                  |
| safety                   | local traffic  | should be in possession of valid and     |                               |          | complaint about     | access roads for the              |
|                          | flow.          | appropriate driving licenses to operate  |                               |          | traffic increase or | team. Rehabilitation of           |
|                          |                | such vehicles.                           |                               |          | damage to roads     | affected roads                    |
|                          |                | -Project vehicles should be in a         |                               |          |                     |                                   |
|                          |                | roadworthy condition and serviced        |                               |          |                     |                                   |
|                          |                | regularly to avoid accidents because of  |                               |          |                     |                                   |
|                          |                | mechanical faults of vehicles.           |                               |          |                     |                                   |

| Environmental<br>Feature | Impact | Monitoring Actions                     | Implementation responsibility | Frequent | Threshold | Action if a threshold is exceeded |
|--------------------------|--------|--|-------------------------------|----------|-----------|-----------------------------------|
|                          |        | -Vehicle drivers should not be allowed |                               |          |           |                                   |
|                          |        | to operate vehicles while under the    |                               |          |           |                                   |
|                          |        | influence of alcohol.                  |                               |          |           |                                   |
|                          |        | -No heavy trucks or project-related    |                               |          |           |                                   |
|                          |        | vehicles should be parked in           |                               |          |           |                                   |
|                          |        | biologically sensitive areas.          |                               |          |           |                                   |

# 3.5 Decommissioning and Rehabilitation

Successful rehabilitation requires careful consideration of the local ecological context in combination with rehabilitation goals. The most important steps in undertaking a successful rehabilitation program are planning and environmental awareness (environmental education) on the importance of progressive rehabilitation (or post-activity rehabilitation), and its importance to the environment. Furthermore, to successfully implement the planned rehabilitation, practically, this will depend on a few factors - the rehabilitation program, characteristics of the site, nature of the disturbance, rehabilitation methods, as well as resource availability.

#### Site-Specific Rehabilitation Plan

To ensure that they do their best to rehabilitate the disturbed areas, the Proponent intends to:

- Utilize stockpiled subsoil and topsoil to backfill the excavated pits/trenches.
- Make financial provisions that will be used for the post-exploration rehabilitation program.
- Backfilling of all pits and trenches with loose materials.
- Levelling of topsoil that was stockpiled for exploration purposes.
- Removal of project vehicles and equipment from the site and taking to designated parking facility off-site.
- All project support structures such as ablution facility (toilet and washroom system), and storage containers/tanks shall be demolished, and the waste taken to designated sites. The site areas on which these structures were set up will be rehabilitated to a preexploration state.
- All accumulated waste (hazardous, solid, and general) up until the cessation of exploration activities will be removed from the site and transported to designated off-site waste management facilities.

# **4 ENVIRONMENTAL MONITORING AND REPORTING**

To minimize the "medium" and uphold "low" significance ratings of impacts identified and assessed in the ESA report, monitoring reports are to be compiled and submitted to the DEAF for archiving on a bi-annual basis (every 6 months throughout the project operations) or as required by the Environmental Commissioner (as per the ECC conditions). This practice will make any considerations for ECC renewal easy, as it nears expiration. Therefore, the Proponent must meritoriously monitor compliance and ensure auditing occurs for reporting to the DEAF. The audit submissions are done in compliance with the environmental legislation, and for record-keeping purposes.

# **APPENDIX 1: CHANCE FINDS PROCEDURE (AFTER KINAHAN, 2020)**

Areas of proposed development activity are subject to heritage survey and assessment at the planning stage. These surveys are based on surface indications alone, and it is, possible that sites or items of heritage significance will be found during development work. The procedure set out here covers the reporting and management of such finds.

**Scope**: The "*chance finds*" procedure covers the actions to be taken from the discovery of a heritage site or item to its investigation and assessment by a trained archaeologist or other appropriately qualified persons.

**Compliance**: The "chance finds" procedure is intended to ensure compliance with relevant provisions of the National Heritage Act (27 of 2004), especially Section 55 (4): "*a person who discovers any archaeological Object must as soon as practicable report the discovery to the Council*". The procedure of reporting set out below must be observed so that heritage remains reported to the NHC are correctly identified in the field.

The manager/Supervisor must report the finding to the following competent authorities:

- National Heritage Council of Namibia (061 244 375)
- National Museum (061 276800),
- National Forensic Laboratory (061 240461).

Archaeological material must NOT be touched. Tempering with the materials is an offence under the heritage act and is punishable upon conviction by the law.

# **Responsibility:**

| Operator:       | To exercise due caution if archaeological remains are found  |
|-----------------|--|
| Foreman:        | To secure the site and advise management timeously           |
| Superintendent: | To determine safe working boundary and request inspection    |
| Archaeologist:  | To inspect, identify, advise management, and recover remains |

# Procedure:

Action by person identifying archaeological or heritage material:

- a) If operating machinery or equipment stops work
- b) Identify the site with flag tape
- c) Determine GPS position if possible
- d) Report findings to the foreman

#### Action by foreman

- a) Report findings, site location, and actions taken to the superintendent
- b) Cease any works in the immediate vicinity

#### Action by superintendent

- a) Visit the site and determine whether work can proceed without damage to the findings
- b) Determine and mark exclusion boundary
- c) Site location and details to be added to project GIS for field confirmation by archaeologist

#### Action by Archaeologist

- a) Inspect the site and confirm the addition to project GIS
- b) Advise NHC and request written permission to remove findings from work area
- c) Recovery, packaging, and labelling of findings for transfer to the National Museum

### In the event of discovering human remains

- a) Actions as above
- b) Field inspection by archaeologist to confirm that remains are human
- c) Advise and liaise with NHC and Police

d) Recovery of remains and removal to the National Museum or National Forensic Laboratory, as directed.